



303 Veterans Airpark Lane Midland, TX 79705

## **Remediation Plan**

March 26, 2024

Re: NEDU 348 Trunk Line  
Case nAPP2334646536

### **Background:**

On 12/11/2023 a release occurred due to a buried fiberglass line failed. The release area (GPS: 32.50082, -103.14272) is located north of Eunice, New Mexico in unit letter P section 3 township 21S range 37E. A monitor well is located approximately 500 feet west of the release area. On 12/14/2021 the well was gauged with the depth of water observed at 63.68 feet.

On 2/5/2024 vertical delineation was conducted utilizing a backhoe to depths ranging from the surface to 4 feet. Horizontal grab samples were collected every 200 feet from the outline of the release area. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. All laboratory results were below table one standards for releases 51-100 feet to groundwater.

### **Remediation Plan:**

Apache Corporation proposes that the pasture 12,500 ft<sup>2</sup> area of the release be excavated to a depth of 4 feet to achieve reclamation standards of 600 chloride and 100 TPH in accordance with 19.15.29 NMAC. All excavated material (1850 yards) will be hauled to an OCD approved disposal facility. Final 5-point bottom composite samples will be collected not to exceed 400 square feet. Final 5-point wall samples will be collected not to exceed 200 square feet. All samples collected will be submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Once laboratory results are below table one standards and meet the reclamation for the pasture area the excavation will be backfilled with clean imported topsoil and reseeded in accordance with the attached noxious weed and revegetation plan. The remediation will be completed within 120 days of OCD approval of the plan.

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

Submitted by.

*Larry Baker*

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

Incident ID	
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>63.68</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <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.



Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: Larry Baker Title: Environmental Specialist Sr.  
Signature: Larry Baker Date: 3/26/2024  
email: larry.baker@apachecorp.com Telephone: 432-250-8384

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	
District RP	
Facility ID	
Application ID	

## Remediation Plan

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

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

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

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

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

Printed Name: Larry Baker Title: Environmental Specialist Sr.  
Signature: *Larry Baker* Date: 3/26/2024  
email: larry.baker@apachecorp.com Telephone: 432-250-8384

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

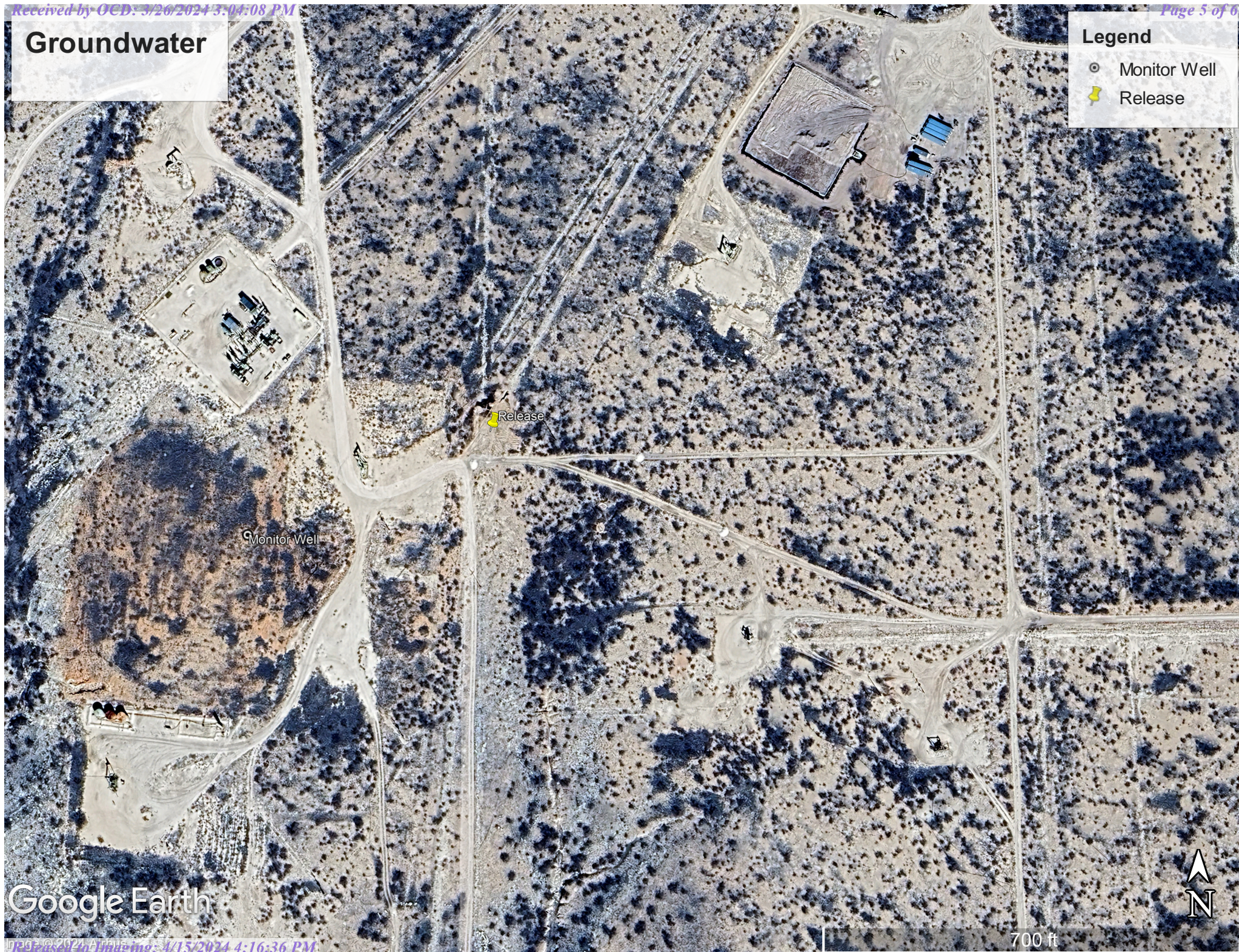
Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# Groundwater

## Legend

- Monitor Well
- 📌 Release





December 21, 2021



Apache Corporation  
303 Veterans Airpark Lane  
Midland, Texas 79705

Attn: Mr. Bruce Baker  
P: 432-818-1000  
E: [larry.baker@apachecorp.com](mailto:larry.baker@apachecorp.com)


**RE: Release Investigation and Remedial Action Plan**  
NEDU Injection Line  
Unit C, Section 10, Township 21 South, Range 37 East  
Lea County, New Mexico

Dear Mr. Baker,


Terracon Consultants, Inc. (Terracon) is pleased to submit our well gauging data for the site referenced above. Based on field observations during the well gauging event on December 14, 2021. The depth of water within the well located at GPS: 32.5002963, -103.1440734, was observed to be 63.68 feet below top of casing.

Terracon appreciates this opportunity to provide environmental services to Apache Corporation (Apache). Should you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,  
**Terracon Consultants, Inc.**



Joseph Guesnier  
Staff Scientist  
Lubbock



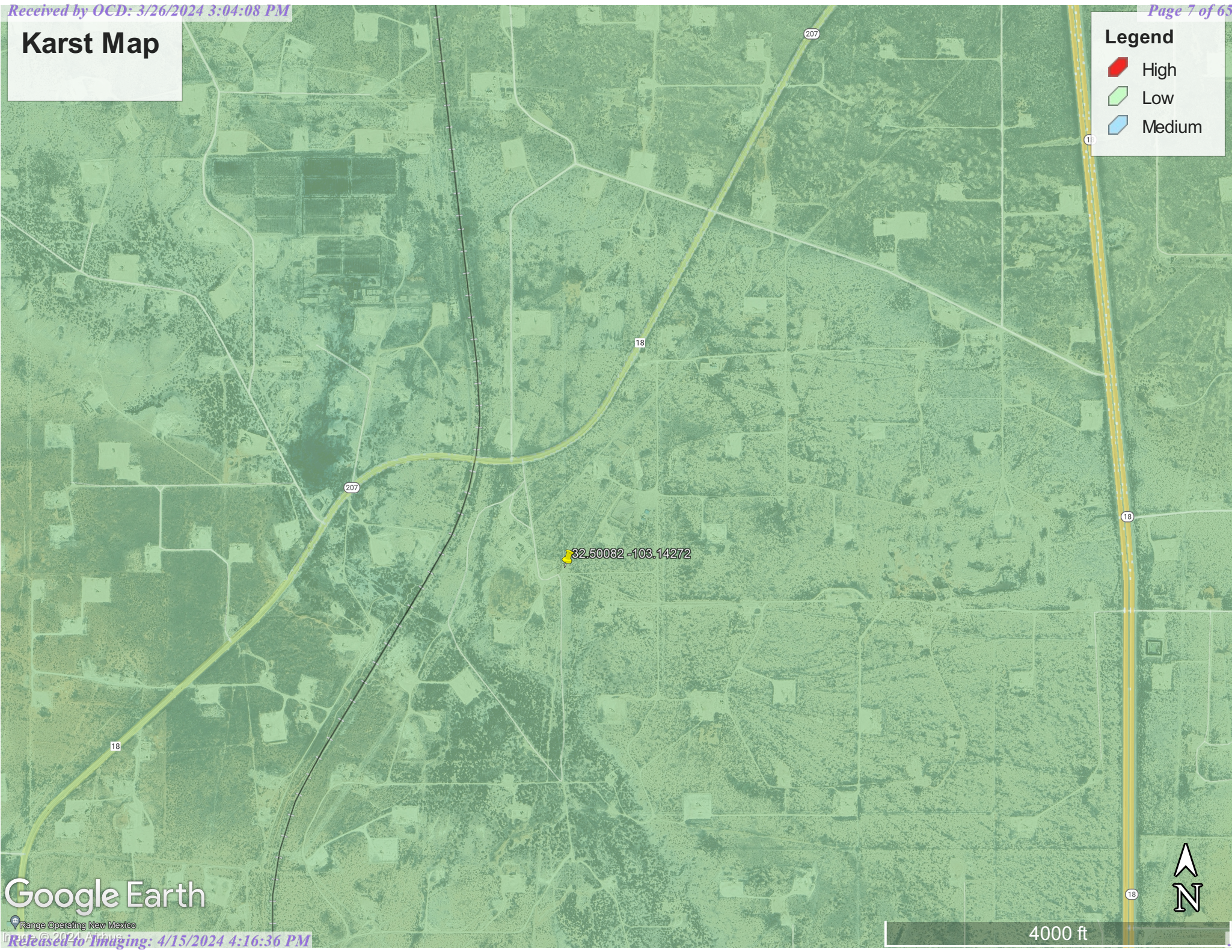
Erin Loyd, P.G. (TX)  
Principal  
Office Manager – Lubbock



# Karst Map

## Legend

-  High
-  Low
-  Medium



Google Earth

Range Operating New Mexico



Released to Imaging: 4/15/2024 4:16:36 PM

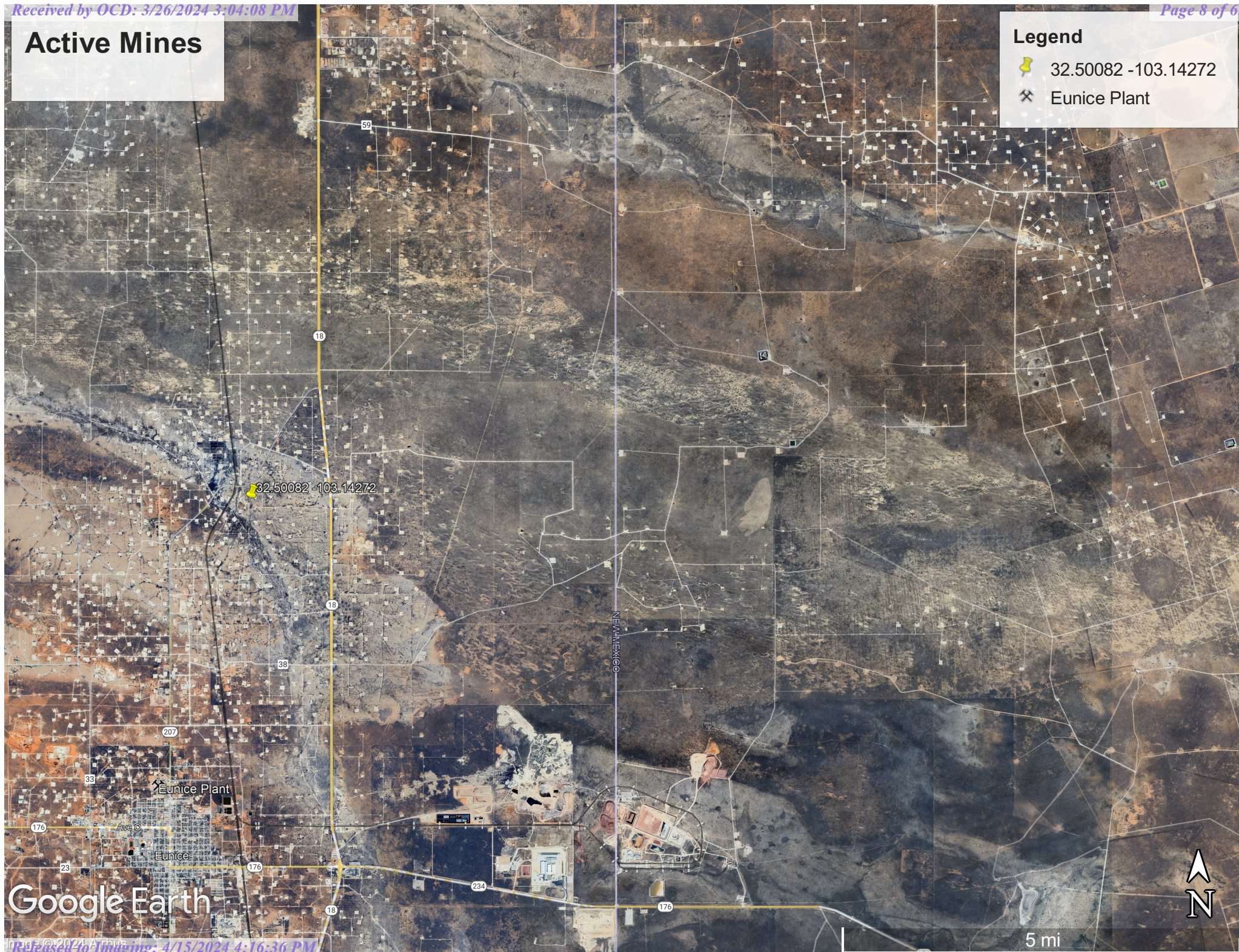
4000 ft



# Active Mines

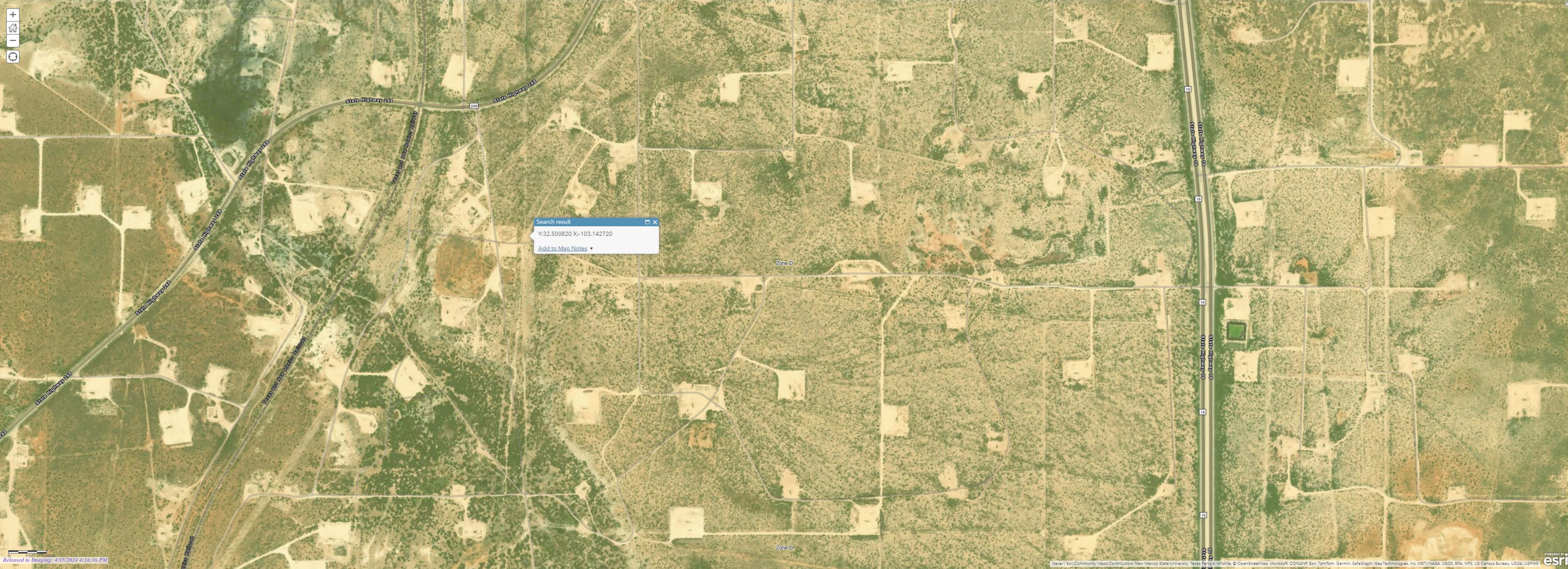
## Legend

-  32.50082 -103.14272
-  Eunice Plant



Google Earth





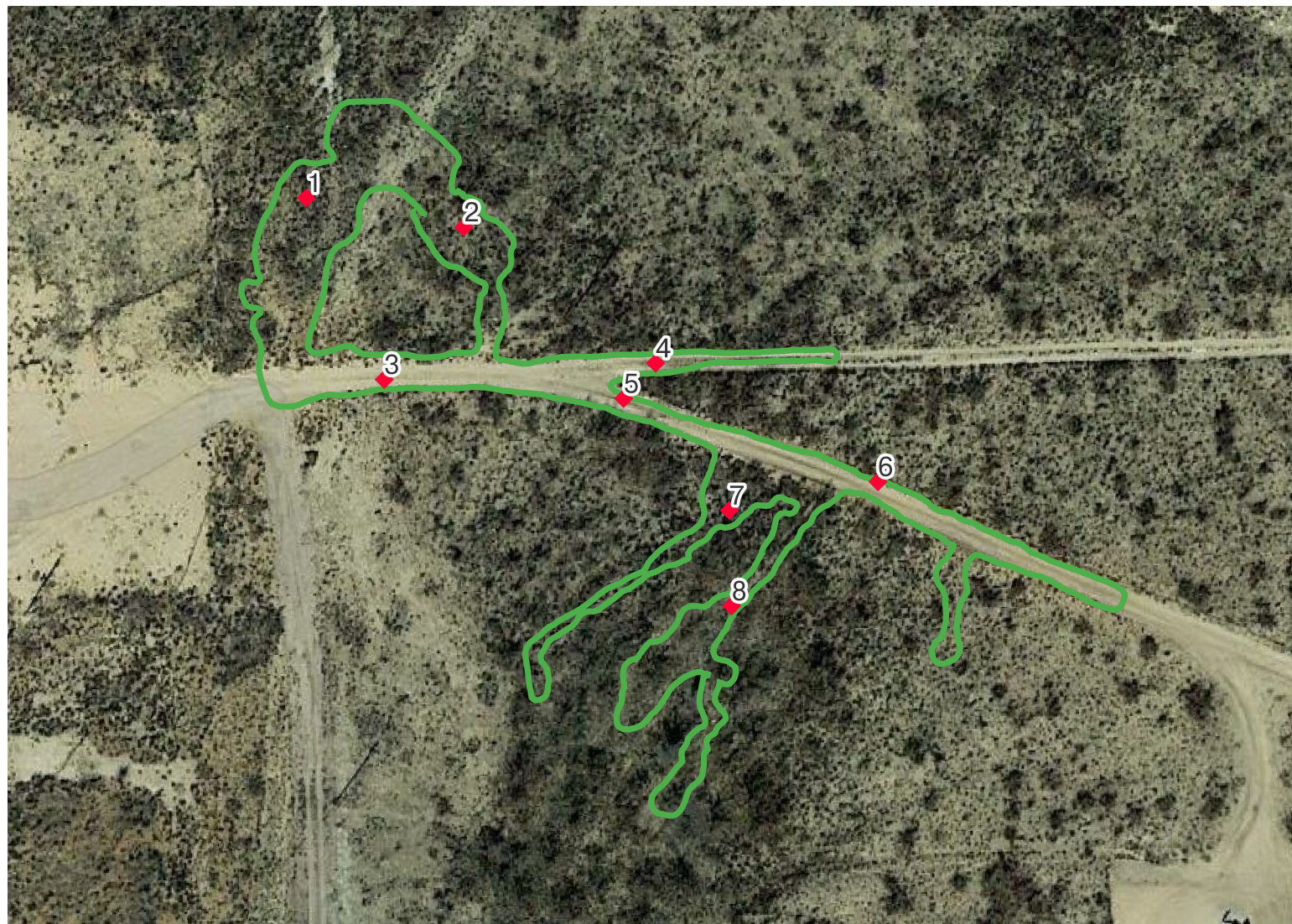




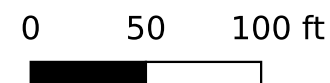


## Vertical "SP"

NEDU Trunkline 348 Vertical Summary														
SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE TYPE	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE ( mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
SP1	H240537-01	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	91.6	24.7	116.3	1020
SP1	H240537-02	1'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1630
SP1	H240537-03	2'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1700
SP1	H240537-04	3'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1800
SP1	H240537-05	4'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.6	<10.0	14.6	1220
SP2	H240537-06	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	52.6	10.2	62.8	400
SP2	H240537-07	1'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1620
SP2	H240537-08	2'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2000
SP2	H240537-09	3'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1380
SP2	H240537-10	4'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2200
SP3	H240537-11	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1060	200	1260	1200
SP4	H240537-12	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	480
SP5	H240537-13	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
SP6	H240537-14	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	135	35.1	170.1	1600
SP7	H240537-15	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	210	52.6	262.6	816
SP7	H240537-16	1'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2240
SP7	H240537-17	2'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2000
SP7	H240537-18	3'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1650
SP7	H240537-19	4'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1180
SP8	H240537-20	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.6	30.6	129.2	3400
SP8	H240537-21	1'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1440
SP8	H240537-22	2'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2000
SP8	H240537-23	3'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	896
SP8	H240537-24	4'	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1180
NEDU Trunkline 348 Horizontal Summary														
SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE TYPE	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE ( mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
H1	H240537-25	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H2	H240537-26	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H3	H240537-27	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16
H4	H240537-28	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H5	H240537-29	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
H6	H240537-30	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H7	H240537-31	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H8	H240537-32	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
H9	H240537-33	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H10	H240537-34	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
H11	H240537-35	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
H12	H240537-36	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H13	H240537-37	Surface	Grab	2/5/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16



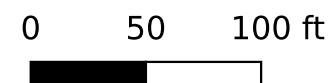
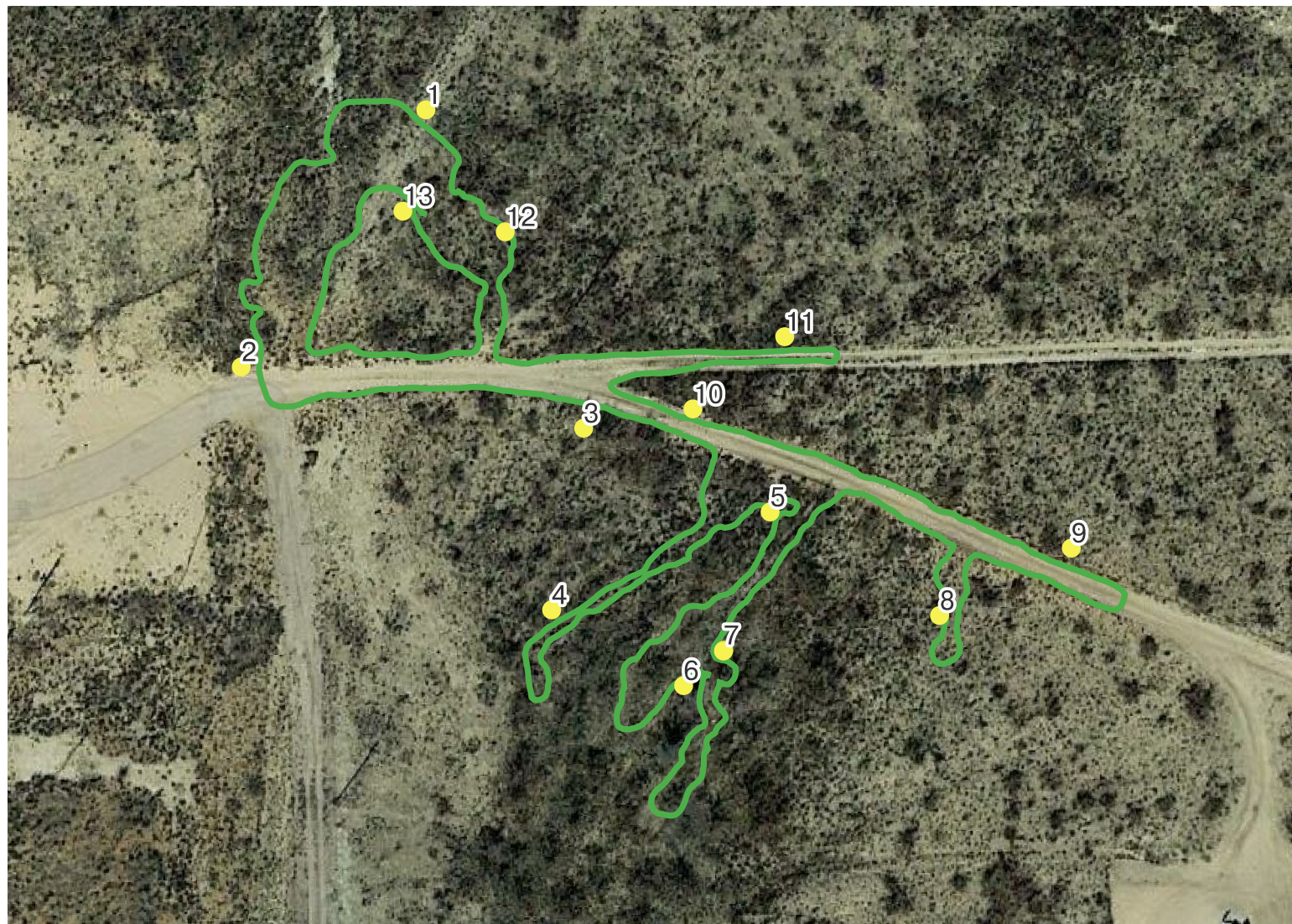
◆ Vertical Sample "SP"  
□ Spill Area



NEDU Trunkline 348

Sample Map





NEDU Trunkline 348

Sample Map



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

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February 08, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU TRUNKLINE 348

Enclosed are the results of analyses for samples received by the laboratory on 02/05/24 16:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP1 SURFACE (H240537-01)**

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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	02/06/2024	ND	432	108	400	7.69	

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	209	105	200	1.74	
DRO >C10-C28*	91.6	10.0	02/06/2024	ND	203	102	200	7.96	
EXT DRO >C28-C36	24.7	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP1 @ 1' (H240537-02)**

BTX 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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	02/06/2024	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	209	105	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	203	102	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP1 @ 2' (H240537-03)**

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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	02/06/2024	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	209	105	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	203	102	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP1 @ 3' (H240537-04)**

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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	02/06/2024	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	209	105	200	1.74	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	203	102	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP1 @ 4' (H240537-05)**

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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	02/06/2024	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	209	105	200	1.74	
DRO >C10-C28*	14.6	10.0	02/07/2024	ND	203	102	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP2 SURFACE (H240537-06)**

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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/06/2024	ND	432	108	400	7.69	

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	209	105	200	1.74	QR-03
DRO >C10-C28*	52.6	10.0	02/07/2024	ND	203	102	200	7.96	QR-03
EXT DRO >C28-C36	10.2	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 138 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP2 @ 1' (H240537-07)**

BTX 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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	02/06/2024	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP2 @ 2' (H240537-08)**

BTX 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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP2 @ 3' (H240537-09)**

BTX 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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP2 @ 4' (H240537-10)**

BTX 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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP3 SURFACE (H240537-11)**

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	02/06/2024	ND	2.04	102	2.00	5.46	
Toluene*	<0.050	0.050	02/06/2024	ND	2.06	103	2.00	5.71	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.03	102	2.00	6.11	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.12	102	6.00	4.99	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	1060	50.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	200	50.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 166 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP4 SURFACE (H240537-12)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP5 SURFACE (H240537-13)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11		
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/06/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP6 SURFACE (H240537-14)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	135	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	35.1	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP7 SURFACE (H240537-15)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	210	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	52.6	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP7 @ 1' (H240537-16)**

BTX 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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP7 @ 2' (H240537-17)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11		
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	02/06/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP7 @ 3' (H240537-18)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP7 @ 4' (H240537-19)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	02/06/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	191	95.3	200	1.96		
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	202	101	200	1.44		
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP8 SURFACE (H240537-20)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	98.6	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	30.6	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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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: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP8 @ 1' (H240537-21)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP8 @ 2' (H240537-22)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP8 @ 3' (H240537-23)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SP8 @ 4' (H240537-24)**

BTX 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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H1 (H240537-25)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H2 (H240537-26)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	191	95.3	200	1.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	202	101	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H3 (H240537-27)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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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: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H4 (H240537-28)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H5 (H240537-29)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H6 (H240537-30)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11		
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92		
Total BTEX	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/06/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H7 (H240537-31)**

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	02/06/2024	ND	1.97	98.4	2.00	5.11	
Toluene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.68	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.04	102	2.00	2.29	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	1.92	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H8 (H240537-32)**

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	02/06/2024	ND	1.98	98.9	2.00	0.486	
Toluene*	<0.050	0.050	02/06/2024	ND	1.99	99.5	2.00	3.53	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	104	2.00	4.50	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.06	101	6.00	3.93	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H9 (H240537-33)**

BTX 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	02/06/2024	ND	1.98	98.9	2.00	0.486	
Toluene*	<0.050	0.050	02/06/2024	ND	1.99	99.5	2.00	3.53	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	104	2.00	4.50	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.06	101	6.00	3.93	
Total BTX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H10 (H240537-34)**

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	02/06/2024	ND	1.98	98.9	2.00	0.486	
Toluene*	<0.050	0.050	02/06/2024	ND	1.99	99.5	2.00	3.53	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	104	2.00	4.50	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.06	101	6.00	3.93	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H11 (H240537-35)**

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	02/06/2024	ND	1.98	98.9	2.00	0.486	
Toluene*	<0.050	0.050	02/06/2024	ND	1.99	99.5	2.00	3.53	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	104	2.00	4.50	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.06	101	6.00	3.93	
Total BTEX	<0.300	0.300	02/06/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H12 (H240537-36)**

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	02/06/2024	ND	1.98	98.9	2.00	0.486	
Toluene*	<0.050	0.050	02/06/2024	ND	1.99	99.5	2.00	3.53	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	104	2.00	4.50	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.06	101	6.00	3.93	
Total BTEX	<0.300	0.300	02/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 02/05/2024  
 Reported: 02/08/2024  
 Project Name: NEDU TRUNKLINE 348  
 Project Number: NONE GIVEN  
 Project Location: HOBBS, NM

Sampling Date: 02/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: H13 (H240537-37)**

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	02/06/2024	ND	1.98	98.9	2.00	0.486		
Toluene*	<0.050	0.050	02/06/2024	ND	1.99	99.5	2.00	3.53		
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	104	2.00	4.50		
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.06	101	6.00	3.93		
Total BTEx	<0.300	0.300	02/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/06/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	223	111	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	215	107	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager





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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>Hoche Baker</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
Project Manager: <b>Bruce Baker</b>		P.O. #:			
Address:		Company:			
City: <b>Hobbs</b>		Attn:			
State: <b>NM</b> Zip: <b>88240</b>		Address:			
Phone #:		City:			
Project #:		State:			
Project Location: <b>NEDa Truck Line 348</b>		Phone #:			
Sample Name: <b>Joe Quade</b>		Fax #:			
FOR LAB USE ONLY		MATRIX		SAMPLING	
Lab I.D. <b>1040587</b>		Sample I.D.			
1 SP/ surface		(G)RAB OR (C)OMP.			
2 SP/ 1'		# CONTAINERS			
3 SP/ 2'		GROUNDWATER			
4 SP/ 3'		WASTEWATER			
5 SP/ 4'		SOIL			
6 SP/ 5'		OIL			
7 SP/ 6'		SLUDGE			
8 SP/ 7'		OTHER :			
9 SP/ 8'		ACID/BASE:			
10 SP/ 9'		ICE / COOL			
		OTHER :			
		DATE			
		TIME			
		10:04			
		10:42			
		10:43			
		10:45			
		10:46			
		10:47			
		10:48			
		10:49			
		10:50			
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Relinquished By: <b>Jose Quade</b>		Date: <b>4/5/23</b>			
Relinquished By: <b>Jose Quade</b>		Time: <b>4:12</b>			
Date: <b>4/5/23</b>		Received By: <b>Joe Quade</b>			
Time: <b>4:12</b>		City: <b>Albuquerque</b>			
Observed Temp. °C <b>21.0</b>		Sample Condition			
Corrected Temp. °C <b>14.0</b>		Cool <input type="checkbox"/> Intact <input type="checkbox"/>			
		Yes <input type="checkbox"/> No <input type="checkbox"/>			
		Checked By: <b>Joe Quade</b>			
		Initials: <b>Joe Quade</b>			
		Turnaround Time: <b>Standard</b>			
		Thermometer ID: <b>#113</b>			
		Correction Factor: <b>-0.01</b>			
		Bacteria (only) <input type="checkbox"/>			
		Cool <input type="checkbox"/> Intact <input type="checkbox"/>			
		Yes <input type="checkbox"/> No <input type="checkbox"/>			
		Observed Temp. °C			
		Corrected Temp. °C			



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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]





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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>Moore Baker</b>		<b>BILL TO</b>		ANALYSIS REQUEST	
Project Manager: <b>Bruce Baker</b>		P.O. #:			
Address:		Company:			
City: <b>Hobbs</b>		Attn:			
State: <b>NM</b> zip: <b>88241</b>		Address:			
Phone #:		City:			
Project #:		State:			
Project Name:		Phone #:			
Project Location: <b>NEDA Trunk Line 348</b>		Fax #:			
Sampler Name: <b>Soso Resale</b>		SAMPLING			
FOR LAB USE ONLY		PRESERV.			
Lab I.D. <b>H44057</b>		Sample I.D.			
		(G)RAB OR (C)OMP.			
		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			
		DATE			
		TIME			
01 <b>SP801'</b>		11/18		C1	
02 <b>SP802'</b>		11/17		BTEx	
03 <b>SP803'</b>		11/20		EXT TPA	
04 <b>SP804'</b>		11/21			
05 <b>H1</b>		2:00			
06 <b>H2</b>		2:04			
07 <b>H3</b>		2:05			
08 <b>H4</b>		2:06			
09 <b>H5</b>		2:07			
10 <b>H6</b>		2:08			
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Relinquished By: <b>Soso Resale</b>		Date: <b>11/24</b>		Received By: <b>Soso Resale</b>	
Relinquished By:		Date:		Received By:	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition	
UPS - Other:		Corrected Temp. °C		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
Turnaround Time: <b>Standard</b>		Thermometer ID: <b>445</b>		Bacteria (only) <input type="checkbox"/> Yes <input type="checkbox"/> No	
Correction Factor: <b>0.02</b>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Observed Temp. °C	
		Corrected Temp. °C			



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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Apache <b>Project Manager:</b> Bruce Baker		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
<b>Address:</b> City: Hobbs State: NM Zip: 88240 Phone #: _____ Fax #: _____		<b>P.O. #:</b> Company: Attn: Address: City: State: Zip: Phone #: _____ Fax #: _____			
<b>Project Name:</b> Project Location: NE DU Trunk line 546 Sample Name: Jose Roberto					
FOR LAB USE ONLY Sample I.D. H40537 Lab I.D.		MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV ACID/BASE: ICE / COOL OTHER:	
DATE TIME 2/5 2:09 2:11 2:12 2:13 2:14 2:15 2:16		SAMPLING C1 BTEX EXT TPH			
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<b>Relinquished By:</b> Jose Roberto <b>Relinquished By:</b> Jose Roberto Date: 2/5/14 Time: 4:12 Date: _____ Time: _____ Received By: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C: 8.10C Corrected Temp. °C: #140 Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) JH		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #40537 Correction Factor #C144 Bacteria (only) Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: _____ Corrected Temp. °C: _____			
REMARKS: 2-Mo. 1 Results					





**Revegetation  
And  
Noxious Weed Plan**

**Revegetation Plan:**

All the disturbed area in the pasture will be properly prepared and reseeded with BLM # 2. The disturbed area will be monitored to ensure successful revegetation is achieved. If revegetation is not successful after a couple of growing seasons the site will be reseeded.

**Noxious Weed Plan:**

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

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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**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**

QUESTIONS

Action 326948

QUESTIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID:
	873
	Action Number:
	326948
Action Type:	
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2334646536
Incident Name	NAPP2334646536 NEDU 438 TRUNKLINE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NEDU 438 TRUNKLINE
Date Release Discovered	12/11/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 432 BBL   Recovered: 410 BBL   Lost: 22 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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**Oil Conservation Division**  
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QUESTIONS, Page 2

Action 326948

**QUESTIONS (continued)**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID:	873
	Action Number:	326948
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Larry Baker Title: Sr Environmental Tech Email: larry.baker@apachecorp.com Date: 12/12/2023
--	--

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**District IV**

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

QUESTIONS, Page 3

Action 326948

**QUESTIONS (continued)**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID:	873
	Action Number:	326948
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS****Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

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

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

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

Chloride	(EPA 300.0 or SM4500 Cl B)	3400
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	1260
GRO+DRO	(EPA SW-846 Method 8015M)	1060
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.3
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	05/26/2024
On what date will (or did) the final sampling or liner inspection occur	06/15/2024
On what date will (or was) the remediation complete(d)	09/26/2024
What is the estimated surface area (in square feet) that will be reclaimed	12500
What is the estimated volume (in cubic yards) that will be reclaimed	1850
What is the estimated surface area (in square feet) that will be remediated	12500
What is the estimated volume (in cubic yards) that will be remediated	1860

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

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

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**District IV**

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**Oil Conservation Division**  
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**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 326948

**QUESTIONS (continued)**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID:
	873
	Action Number:
	326948
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	<a href="#">Sundance Services, Inc [fKJ1600527371]</a>
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Larry Baker Title: Sr Environmental Tech Email: <a href="mailto:larry.baker@apachecorp.com">larry.baker@apachecorp.com</a> Date: 03/26/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	



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QUESTIONS, Page 5  
  
Action 326948

QUESTIONS (continued)

Operator:  APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID:  873
	Action Number:  326948
	Action Type:  [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6  
Action 326948

QUESTIONS (continued)

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 326948
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS  
  
Action 326948

CONDITIONS

Operator:  APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID:  873
	Action Number:  326948
	Action Type:  [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The variance request to collect floor confirmation samples every 400 ft2 is approved. Please, include in the closure report the driller's log for the borehole being used to determine depth to groundwater. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	4/15/2024