



303 Veterans Airpark Lane Midland, TX 79705

## **Closure Report**

July 2, 2024

Re: W.A. Weir B # 6  
Case nAPP2334057478

On 11/17/2023 a release occurred due a surface casing failure. The release (GPS: 32.6323128, -103.3234024) is located west of Monument, New Mexico in unit letter G section 26 township 19S range 36E. A groundwater survey was conducted utilizing NMOSE wells of records. The survey suggests that groundwater beneath the release to be 26 feet. A remediation plan was approved by OCD on 3/11/2024.

The release area was excavated to depths ranging from 6 inches to 4 feet. All contaminated soil (1640 yards) was hauled to an OCD approved disposal facility. On 6/3/2024 final 5-point bottom and wall samples were collected not to exceed 200 square feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Once laboratory results were below table one standards for releases less than 50 feet to groundwater the excavation was backfilled with clean imported topsoil to ground surface. Due to the well being plugged and abandoned the remaining pad was removed and the entire reclaimed area was reseeded in consultation with the surface owner.

Apache Corporation has completed the remediation and reclamation in accordance with OCD regulations and respectfully request closure of the event nAPP2334057478.

Enclosed: C-141, Maps, Sample Data, Laboratory Results, photos, and Reclamation Report.

Submitted by.

*Larry Baker*

**Environmental Technician**  
larry.baker@apachecorp.com  
**Office # 432-818-1654**  
**Cell# 432-250-8384**

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Larry Baker Title: Environmental Specialist Sr.  
 Signature: *Larry Baker* Date: 9/18/2024  
 email: larry.baker@apachecorp.com Telephone: 432-250-8384

**OCD Only**

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

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)  
**To:** [Baker, Larry](#)  
**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 349191  
**Date:** Thursday, May 30, 2024 8:29:30 AM

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2334057478.

The sampling event is expected to take place:

**When:** 06/03/2024 @ 13:00

**Where:** G-26-19S-36E 0 FNL 0 FEL (32.6323128,-103.3234024)

**Additional Information:** Joe mobile 575-441-2661

**Additional Instructions:** GPS 32.6323128 -103.3234024

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

**CAUTION:** This email originated outside of Apache. If you are unsure about this message, click "Report Suspicious" or send to [phish@apachecorp.com](mailto:phish@apachecorp.com)

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)  
**To:** [Baker, Larry](#)  
**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 314813  
**Date:** Monday, March 11, 2024 4:18:46 PM

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2334057478, with the following conditions:

- **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. Confirmation samples should be collected every 200 ft<sup>2</sup>. 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.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,  
Scott Rodgers  
Environmental Specialist - A  
505-469-1830  
[scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)

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

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**From:** [Rodgers, Scott, EMNRD](#)  
**To:** [Baker, Larry](#)  
**Subject:** RE: [EXTERNAL] nAPP2334057478 WA Weir B 6 extension request.  
**Date:** Tuesday, June 11, 2024 4:26:32 PM

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Your time extension request is approved. Remediation Due date has been updated to July 5, 2024 within the incident page.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you.

Regards,  
Scott

**Scott Rodgers** • Environmental Specialist – Adv.  
Environmental Bureau  
EMNRD - Oil Conservation Division  
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113  
505.469.1830 | [scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/oed>



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**From:** Baker, Larry <Larry.Baker@apachecorp.com>  
**Sent:** Tuesday, June 11, 2024 3:18 PM

**To:** Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

**Subject:** [EXTERNAL] nAPP2334057478 WA Weir B 6 extension request.

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Mr. Rodgers,

The remediation is complete pending backfill and submitting the closure report. We should have the excavation backfilled by the end of next week. I am going on PTO from 6/17/2024-7-1-2024. If possible, would like to ask for an extension until 7/5/2024 to submit the final closure report. Please let me know if you have any questions or wish to discuss. Thanks and have a good day.

**LARRY BRUCE BAKER, RSO**

ENVIRONMENTAL SPECIALIST SENIOR – U.S. ONSHORE OPERATIONS

APACHE LEGACY, SOUTHERN MIDLAND BASIN & DELAWARE BASIN

direct 432-818-1654 | mobile 432-250-8384 | office 2.080

[larry.baker@apachecorp.com](mailto:larry.baker@apachecorp.com)

**APACHE CORPORATION**

303 Veterans Airpark Lane  
Midland, Texas 79705 U.S.A.

[ApacheCorp.com](http://ApacheCorp.com) | [LinkedIn](#) | [Facebook](#) | [Twitter](#) | [StockTwits](#) | [YouTube](#)

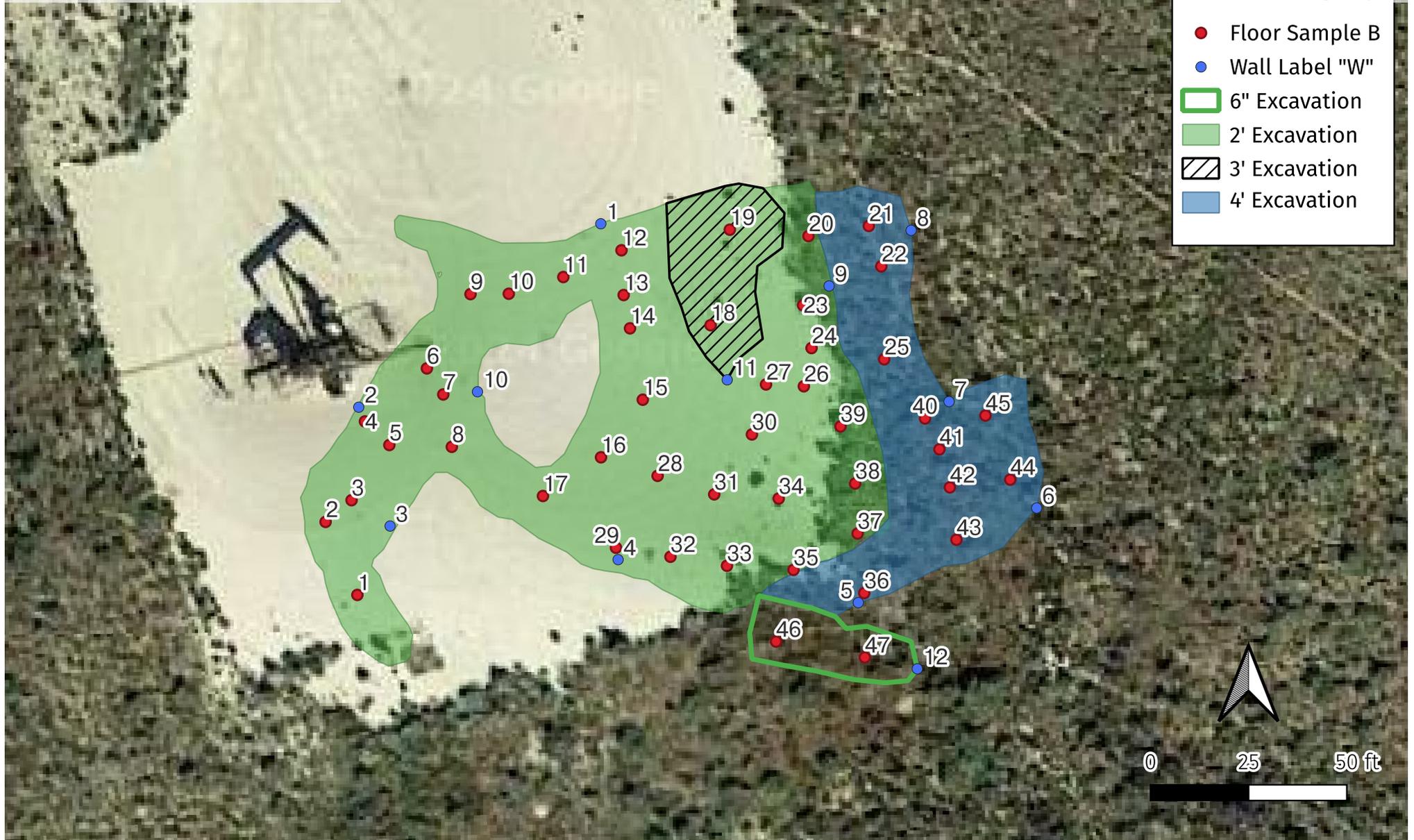
WA Weir B 006  
Wall Summary

SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE TYPE	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE ( mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (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
W1 WALL	H243172-28	0-2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
W2 WALL	H243172-29	0-2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
W3 WALL	H243172-30	0-2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
W4 WALL	H243172-31	0-2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
W5 WALL	H243172-32	0-4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
W6 WALL	H243172-33	0-4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
W7 WALL	H243172-34	0-4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
W8 WALL	H243172-35	0-4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
W9 WALL	H243172-36	0-4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
W10 WALL	H243172-37	0-2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
W11 WALL	H243172-38	0-3'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
W12 WALL	H243172-39	0-6"	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96

WA Weir B 006  
Floor 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 BTEX (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
B1 FLOOR	H243121-01	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B2 FLOOR	H243121-02	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
B3 FLOOR	H243121-03	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
B4 FLOOR	H243121-04	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
B5 FLOOR	H243121-05	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B6 FLOOR	H243121-06	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
B7 FLOOR	H243121-07	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
B8 FLOOR	H243121-08	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B9 FLOOR	H243121-09	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	528
B10 FLOOR	H243121-10	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	320
B11 FLOOR	H243121-11	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B12 FLOOR	H243121-12	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B13 FLOOR	H243121-13	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
B14 FLOOR	H243121-14	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B15 FLOOR	H243121-15	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B16 FLOOR	H243121-16	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B17 FLOOR	H243121-17	3'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B18 FLOOR	H243121-18	3'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B19 FLOOR	H243121-19	3'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
B20 FLOOR	H243121-20	2'	COMP	6/3/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
B21 FLOOR	H243172-01	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
B22 FLOOR	H243172-02	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
B23 FLOOR	H243172-03	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
B24 FLOOR	H243172-04	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
B25 FLOOR	H243172-05	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
B26 FLOOR	H243172-06	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B27 FLOOR	H243172-07	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
B28 FLOOR	H243172-08	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
B29 FLOOR	H243172-09	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
B30 FLOOR	H243172-10	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
B31 FLOOR	H243172-11	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B32 FLOOR	H243172-12	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B33 FLOOR	H243172-13	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B34 FLOOR	H243172-14	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
B35 FLOOR	H243172-15	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B36 FLOOR	H243172-16	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B37 FLOOR	H243172-17	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
B38 FLOOR	H243172-18	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B39 FLOOR	H243172-19	2'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192

B40 FLOOR	H243172-20	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B41 FLOOR	H243172-21	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B42 FLOOR	H243172-22	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
B43 FLOOR	H243172-23	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B44 FLOOR	H243172-24	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432
B45 FLOOR	H243172-25	4'	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B46 FLOOR	H243172-26	6"	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B47 FLOOR	H243172-27	6"	COMP	6/4/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32



WA Weir B #006

Sample Map

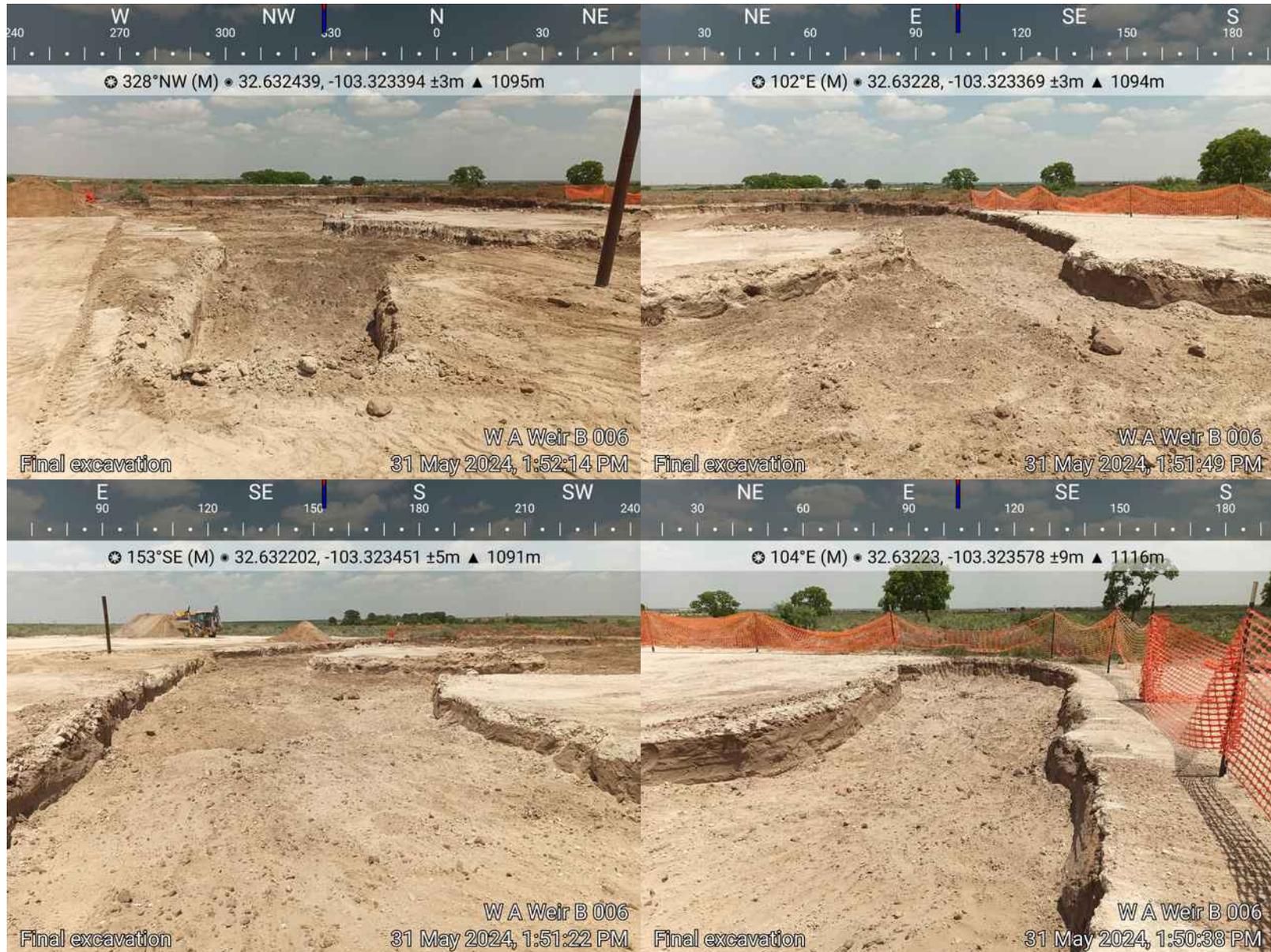
### WA Weir B 006 Final Excavation



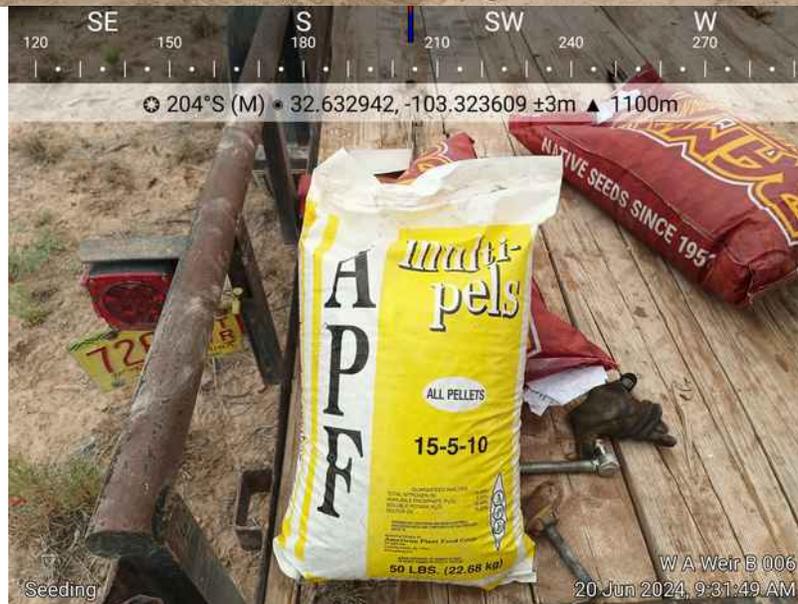
### WA Weir B 006 Final Excavation



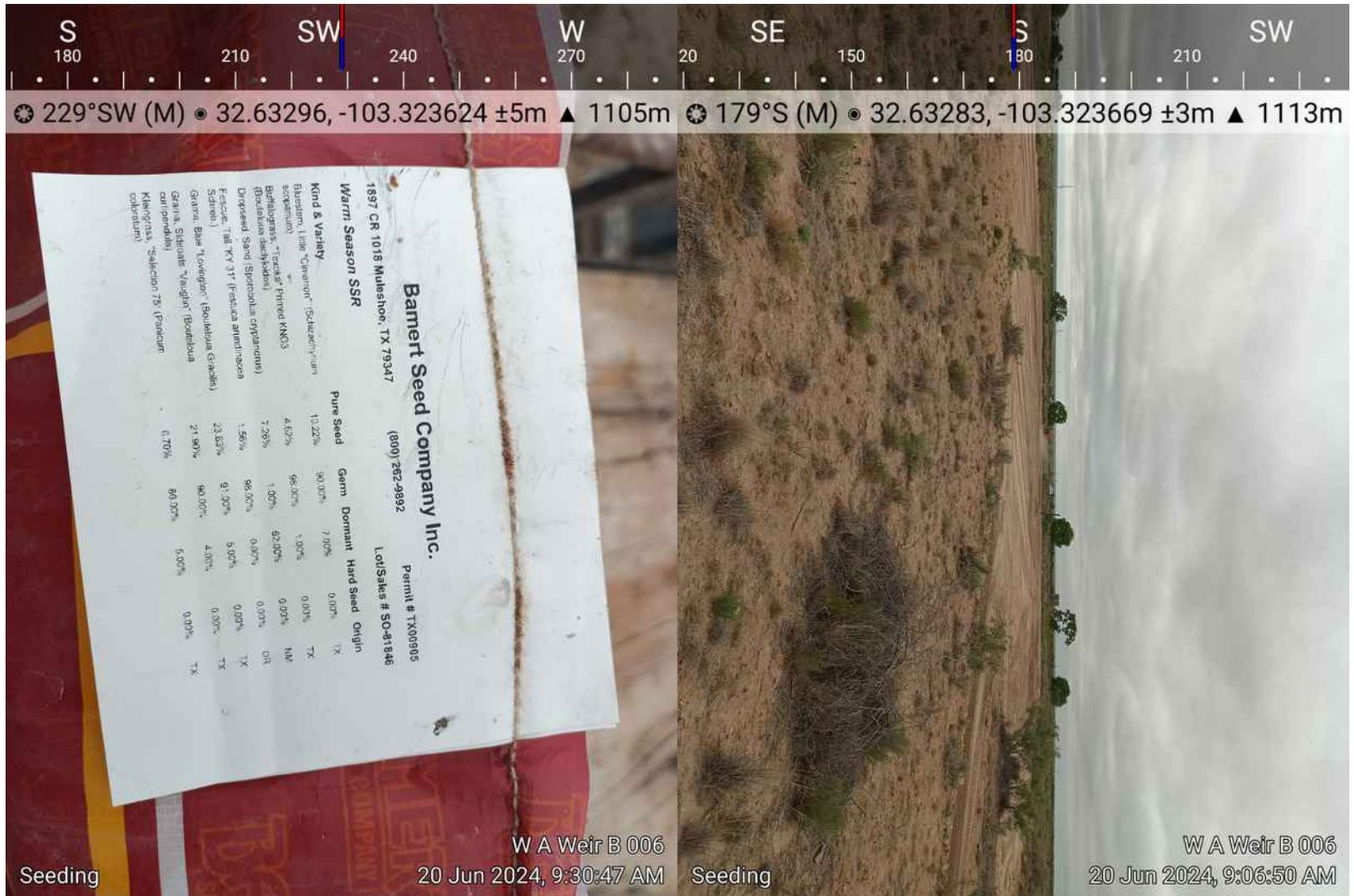
### WA Weir B 006 Final Excavation



### W A Wier B 006 Seeding Photos



### W A Wier B 006 Seeding Photos





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

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June 06, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: W A WEIR B 006

Enclosed are the results of analyses for samples received by the laboratory on 06/04/24 8:34.

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 "Mike Snyder". The signature is fluid and cursive, written in a professional style.

Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 1 @ 2' (H243121-01)**

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	06/05/2024	ND	1.92	96.2	2.00	0.294	
Toluene*	<0.050	0.050	06/05/2024	ND	1.92	96.1	2.00	0.939	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	1.79	89.5	2.00	1.47	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	5.60	93.4	6.00	1.59	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/06/2024	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	06/05/2024	ND	190	94.8	200	2.88	
DRO >C10-C28*	<10.0	10.0	06/05/2024	ND	214	107	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/05/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 2 @ 2' (H243121-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/05/2024	ND	1.92	96.2	2.00	0.294	
Toluene*	<0.050	0.050	06/05/2024	ND	1.92	96.1	2.00	0.939	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	1.79	89.5	2.00	1.47	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	5.60	93.4	6.00	1.59	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/06/2024	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	06/05/2024	ND	190	94.8	200	2.88	
DRO >C10-C28*	<10.0	10.0	06/05/2024	ND	214	107	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/05/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 3 @ 2' (H243121-03)**

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	06/05/2024	ND	1.92	96.2	2.00	0.294	
Toluene*	<0.050	0.050	06/05/2024	ND	1.92	96.1	2.00	0.939	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	1.79	89.5	2.00	1.47	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	5.60	93.4	6.00	1.59	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/06/2024	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	06/05/2024	ND	190	94.8	200	2.88	
DRO >C10-C28*	<10.0	10.0	06/05/2024	ND	214	107	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/05/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 4 @ 2' (H243121-04)**

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	06/05/2024	ND	1.92	96.2	2.00	0.294	
Toluene*	<0.050	0.050	06/05/2024	ND	1.92	96.1	2.00	0.939	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	1.79	89.5	2.00	1.47	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	5.60	93.4	6.00	1.59	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/06/2024	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	06/05/2024	ND	190	94.8	200	2.88	
DRO >C10-C28*	<10.0	10.0	06/05/2024	ND	214	107	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/05/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 5 @ 2' (H243121-05)**

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	06/05/2024	ND	1.92	96.2	2.00	0.294	
Toluene*	<0.050	0.050	06/05/2024	ND	1.92	96.1	2.00	0.939	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	1.79	89.5	2.00	1.47	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	5.60	93.4	6.00	1.59	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/06/2024	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	06/05/2024	ND	190	94.8	200	2.88	
DRO >C10-C28*	<10.0	10.0	06/05/2024	ND	214	107	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	06/05/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 6 @ 2' (H243121-06)**

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	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 7 @ 2' (H243121-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 8 @ 2' (H243121-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 9 @ 2' (H243121-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 10 @ 2' (H243121-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 11 @ 2' (H243121-11)**

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	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 12 @ 2' (H243121-12)**

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	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	128	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 13 @ 2' (H243121-13)**

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	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 14 @ 2' (H243121-14)**

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	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	208	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 15 @ 2' (H243121-15)**

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	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 16 @ 2' (H243121-16)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 17 @ 2' (H243121-17)**

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	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	208	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 18 @ 3' (H243121-18)**

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	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	160	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 19 @ 3' (H243121-19)**

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	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	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	96.0	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For 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:	06/04/2024	Sampling Date:	06/03/2024
Reported:	06/06/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: B 20 @ 2' (H243121-20)**

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	06/05/2024	ND	1.77	88.4	2.00	2.26	
Toluene*	<0.050	0.050	06/05/2024	ND	2.04	102	2.00	7.32	
Ethylbenzene*	<0.050	0.050	06/05/2024	ND	2.23	112	2.00	6.92	
Total Xylenes*	<0.150	0.150	06/05/2024	ND	6.78	113	6.00	7.05	
Total BTEX	<0.300	0.300	06/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	144	16.0	06/06/2024	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	06/04/2024	ND	198	99.2	200	1.16	
DRO >C10-C28*	<10.0	10.0	06/04/2024	ND	182	91.0	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	06/04/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D 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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Handwritten signature of Mike Snyder

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Apache  
 Project Manager: Bruce Baker  
 Address:  
 City: Hobbs State: NM Zip: 88240  
 Phone #: Fax #: Project Owner:  
 Project Name:  
 Project Location: W.A. Weir B 006  
 Sampler Name:  
 P.O. #: Company:  
 Attn: Address:  
 City: State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	CL	BTEX	EXT	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE:						
H24312	B11 @ 2'	C	1								6/3	3:14				
	B12 @ 2'	C	1									3:16				
	B13 @ 2'	C	1									3:18				
	B14 @ 2'	C	1									3:20				
	B15 @ 2'	C	1									3:22				
	B16 @ 2'	C	1									3:24				
	B17 @ 2'	C	1									3:26				
	B18 @ 3'	C	1									3:28				
	B19 @ 3'	C	1									3:30				
	B20 @ 2'	C	1									3:32				

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Relinquished By: [Signature]  
 Date: 6/12/24  
 Received By: [Signature]  
 Date: 6/3/24  
 Received By: [Signature]

Delivered By: (Circle One) Observed Temp. °C: -4.0°C  
 Corrected Temp. °C: [Blank]  
 Sample Condition: Cool Intact  Yes  No  
 Checked By: [Signature]  
 Turnaround Time: [Blank]  
 Standard  Rush   
 Bacteria (only) Sample Condition: Cool Intact  Yes  No  
 Corrected Temp. °C: [Blank]

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



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

June 11, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: W A WEIR B 006

Enclosed are the results of analyses for samples received by the laboratory on 06/04/24 16:46.

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,

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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 21 @ 4' (H243172-01)**

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	06/07/2024	ND	1.99	99.3	2.00	10.4	
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	352	16.0	06/07/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	199	99.5	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.1 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 22 @ 4' (H243172-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/07/2024	ND	1.99	99.3	2.00	10.4	
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/07/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	199	99.5	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 23 @ 2' (H243172-03)**

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	06/07/2024	ND	1.99	99.3	2.00	10.4	
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	199	99.5	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 24 @ 2' (H243172-04)**

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	06/07/2024	ND	1.99	99.3	2.00	10.4	
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/07/2024	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	06/06/2024	ND	199	99.5	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 25 @ 4' (H243172-05)**

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	06/07/2024	ND	1.99	99.3	2.00	10.4	
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/07/2024	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	06/06/2024	ND	199	99.5	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 26 @ 2' (H243172-06)**

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	06/07/2024	ND	1.99	99.3	2.00	10.4	
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/07/2024	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	06/06/2024	ND	199	99.5	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 27 @ 2' (H243172-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/07/2024	ND	1.99	99.3	2.00	10.4	
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/07/2024	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	06/06/2024	ND	199	99.5	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 28 @ 2' (H243172-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/07/2024	ND	1.99	99.3	2.00	10.4	
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/07/2024	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	06/06/2024	ND	199	99.5	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 29 @ 2' (H243172-09)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/07/2024	ND	1.99	99.3	2.00	10.4		
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2		
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3		
Total BTEX	<0.300	0.300	06/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	06/07/2024	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	06/06/2024	ND	199	99.5	200	1.95		
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41		
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND						

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 30 @ 2' (H243172-10)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/07/2024	ND	1.99	99.3	2.00	10.4		
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2		
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3		
Total BTEX	<0.300	0.300	06/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	06/07/2024	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	06/06/2024	ND	199	99.5	200	1.95		
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41		
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND						

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 31 @ 2' (H243172-11)**

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	06/07/2024	ND	1.99	99.3	2.00	10.4		
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2		
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3		
Total BTEX	<0.300	0.300	06/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	06/07/2024	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	06/06/2024	ND	199	99.5	200	1.95		
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41		
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND						

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 32 @ 2' (H243172-12)**

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	06/07/2024	ND	1.99	99.3	2.00	10.4		
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2		
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3		
Total BTEX	<0.300	0.300	06/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	06/07/2024	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	06/06/2024	ND	199	99.5	200	1.95		
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41		
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND						

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 33 @ 2' (H243172-13)**

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	06/07/2024	ND	1.99	99.3	2.00	10.4	
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/07/2024	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	06/06/2024	ND	199	99.5	200	1.95	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	206	103	200	4.41	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 34 @ 2' (H243172-14)**

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	06/07/2024	ND	1.99	99.3	2.00	10.4		
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2		
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3		
Total BTEX	<0.300	0.300	06/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	06/07/2024	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	06/06/2024	ND	186	93.1	200	1.71		
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946		
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND						

Surrogate: 1-Chlorooctane 106 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 35 @ 4' (H243172-15)**

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	06/07/2024	ND	1.99	99.3	2.00	10.4		
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2		
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3		
Total BTEX	<0.300	0.300	06/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/07/2024	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	06/06/2024	ND	186	93.1	200	1.71		
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946		
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND						

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 36 @ 4' (H243172-16)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/07/2024	ND	1.99	99.3	2.00	10.4		
Toluene*	<0.050	0.050	06/07/2024	ND	1.96	97.9	2.00	10.1		
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.99	99.5	2.00	10.2		
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.78	96.3	6.00	10.3		
Total BTEX	<0.300	0.300	06/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/07/2024	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	06/06/2024	ND	186	93.1	200	1.71		
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946		
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 37 @ 2' (H243172-17)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/07/2024	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	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 38 @ 2' (H243172-18)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67		
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76		
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74		
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60		
Total BTEX	<0.300	0.300	06/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/07/2024	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	06/06/2024	ND	186	93.1	200	1.71		
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946		
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND						

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 39 @ 2' (H243172-19)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/07/2024	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	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 40 @ 4' (H243172-20)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/07/2024	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	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 41 @ 4' (H243172-21)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/07/2024	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	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 42 @ 4' (H243172-22)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/07/2024	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	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 43 @ 4' (H243172-23)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67		
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76		
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74		
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60		
Total BTEX	<0.300	0.300	06/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/07/2024	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	06/06/2024	ND	186	93.1	200	1.71		
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946		
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND						

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 44 @ 4' (H243172-24)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 45 @ 4' (H243172-25)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 46 @ 6" (H243172-26)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: B 47 @ 6" (H243172-27)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 1 BGS 0-2' (H243172-28)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 2 BGS 0-2' (H243172-29)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 3 BGS 0-2' (H243172-30)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 4 BGS 0-2' (H243172-31)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67		
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76		
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74		
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60		
Total BTEX	<0.300	0.300	06/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	06/07/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	186	93.1	200	1.71		
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	198	98.9	200	0.946		
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 5 BGS 0-4' (H243172-32)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/07/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/07/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/07/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 6 BGS 0-4' (H243172-33)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/07/2024	ND	186	93.1	200	1.71	
DRO >C10-C28*	<10.0	10.0	06/07/2024	ND	198	98.9	200	0.946	
EXT DRO >C28-C36	<10.0	10.0	06/07/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 7 BGS 0-4' (H243172-34)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	208	104	200	0.0403	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	201	100	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 8 BGS 0-4' (H243172-35)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	208	104	200	0.0403	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	201	100	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 9 BGS 0-4' (H243172-36)**

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	06/07/2024	ND	1.88	94.0	2.00	5.67	
Toluene*	<0.050	0.050	06/07/2024	ND	1.86	93.0	2.00	6.76	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	1.71	85.3	2.00	9.74	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	5.33	88.8	6.00	9.60	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	208	104	200	0.0403	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	201	100	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 10 BGS 0-2' (H243172-37)**

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	06/07/2024	ND	1.83	91.5	2.00	4.24	
Toluene*	<0.050	0.050	06/07/2024	ND	1.94	97.0	2.00	6.56	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	2.12	106	2.00	11.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	6.46	108	6.00	13.1	
Total BTEX	<0.300	0.300	06/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	208	104	200	0.0403	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	201	100	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 11 BGS 0-3' (H243172-38)**

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	06/07/2024	ND	1.83	91.5	2.00	4.24	
Toluene*	<0.050	0.050	06/07/2024	ND	1.94	97.0	2.00	6.56	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	2.12	106	2.00	11.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	6.46	108	6.00	13.1	
Total BTEX	<0.300	0.300	06/07/2024	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	32.0	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	208	104	200	0.0403	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	201	100	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	06/04/2024	Sampling Date:	06/04/2024
Reported:	06/11/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: W 12 BGS 0-6" (H243172-39)**

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	06/07/2024	ND	1.83	91.5	2.00	4.24	
Toluene*	<0.050	0.050	06/07/2024	ND	1.94	97.0	2.00	6.56	
Ethylbenzene*	<0.050	0.050	06/07/2024	ND	2.12	106	2.00	11.2	
Total Xylenes*	<0.150	0.150	06/07/2024	ND	6.46	108	6.00	13.1	
Total BTEX	<0.300	0.300	06/07/2024	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	96.0	16.0	06/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2024	ND	208	104	200	0.0403	
DRO >C10-C28*	<10.0	10.0	06/06/2024	ND	201	100	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	06/06/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

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

<b>Company Name:</b> <i>Acade</i> <b>Project Manager:</b> <i>Bruce Baker</i>		<b>P.O. #:</b> <b>Company:</b>	
<b>Address:</b> City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88240</i>		<b>Attn:</b> <b>Address:</b>	
<b>Phone #:</b> Fax #:		<b>City:</b>	
<b>Project #:</b> Project Owner:		<b>State:</b> Zip:	
<b>Project Location:</b> <i>W A Weir Bldg</i>		<b>Phone #:</b>	
<b>Sampler Name:</b> <i>Jose Acade</i>		<b>Fax #:</b>	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						PRESERV	DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
<i>H1413M2</i>	<i>B21e4'</i>	<input checked="" type="checkbox"/>	<i>1</i>							<i>9:36</i>	<i>9:36</i>	<i>CI</i>	
	<i>B22e4'</i>	<input checked="" type="checkbox"/>	<i>1</i>							<i>9:38</i>	<i>9:38</i>	<i>BTEX</i>	
	<i>B23e2'</i>	<input checked="" type="checkbox"/>	<i>1</i>							<i>9:40</i>	<i>9:40</i>	<i>EXT TPH</i>	
	<i>B24e2'</i>	<input checked="" type="checkbox"/>	<i>1</i>							<i>9:42</i>	<i>9:42</i>		
	<i>B25e4'</i>	<input checked="" type="checkbox"/>	<i>1</i>							<i>9:44</i>	<i>9:44</i>		
	<i>B26e2'</i>	<input checked="" type="checkbox"/>	<i>1</i>							<i>9:46</i>	<i>9:46</i>		
	<i>B27e2'</i>	<input checked="" type="checkbox"/>	<i>1</i>							<i>9:48</i>	<i>9:48</i>		
	<i>B28e2'</i>	<input checked="" type="checkbox"/>	<i>1</i>							<i>9:50</i>	<i>9:50</i>		
	<i>B29e2'</i>	<input checked="" type="checkbox"/>	<i>1</i>							<i>9:52</i>	<i>9:52</i>		
	<i>B30e2'</i>	<input checked="" type="checkbox"/>	<i>1</i>							<i>9:54</i>	<i>9:54</i>		

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Relinquished By: *Jose Acade* Date: *9/18/24* Time: *4:14P* Received By: *AP Acade* Date: *9-18-24* Time: *10:40*

Delivered By: (Circle One) Observed Temp. °C: *1.3* Corrected Temp. °C: Sample Condition:  Intact  Cool  Yes  No  Yes  No CHECKED BY: (Initials) *PA*

Remarks: *L Baker, Jason O, AP Acade, and Bruce Baker. 5-Mail Results*

Turnaround Time:  Standard  Rush  Add'l Phone #:

Bacteria (only) Sample Condition:  Cool  Intact  Yes  No  Yes  No Corrected Temp. °C:

Vertical Result:  Yes  No Add'l Phone #:

All Results are emailed. Please provide Email address: *se821052@gmail.com*



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Apache</i> Project Manager: <i>Bruce Baker</i>		P.O. #: Company: Attn: Address: City: State: Zip:	
Address: City: <i>Hobbs</i> Phone #:		State: <i>NM</i> Zip: <i>88240</i> Project Owner: Project Name:	
Project Location: <i>W A Wair B # 604</i> Sampler Name: <i>Bob Keene</i>		Phone #: Fax #:	
FOR LAB USE ONLY			
Lab I.D. <i>1243172</i>	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	MATRIX PRESERV:
B31 @ 2' B32 @ 2' B33 @ 2' B34 @ 2' B35 @ 4' B36 @ 4' B37 @ 2' B38 @ 2' B39 @ 2' B40 @ 4'	C C C C C C C C C	ACID/BASE: ICE / COOL OTHER:	DATE TIME
			4/4 9:56 9:58 11:30 11:32 11:34 11:36 11:38 11:40 11:42 11:44
Relinquished By: <i>[Signature]</i> Date: <i>4/4/24</i> Time: <i>4:42</i>		Received By: <i>[Signature]</i> Date: <i>6-4-24</i> Time: <i>11:40</i>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C	
Sample Condition Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) <i>BP</i>	
Turnaround Time:		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Bacteria (only) Sample Condition Cool Intact Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Phone #: Corrected Temp. °C	
REMARKS: 1. <i>Bob, Soar O. Apediamond Back nm.com</i> 2. <i>5-Mo1 Results</i>			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: *Apache*  
 Project Manager: *Bruce Baker*  
 Address:  
 City: *Hobbs* State: *NM* Zip: *88240*  
 Phone #: Fax #:  
 Project #:  
 Project Name:  
 Project Location: *WPA Well B #006*  
 Sampler Name: *Sosie Baker*

P.O. #:  
 Company:  
 Attn:  
 Address:  
 City:  
 State: Zip:  
 Phone #:  
 Fax #:

Lab I.D.	Sample I.D.	FOR LAB USE ONLY		MATRIX	PRESERV	SAMPLING	DATE	TIME	C1	RTEV	EXTT PH
		(G)RAB OR (C)UMP	# CONTAINERS								
<i>WPA317L</i>	<i>B4104'</i>	<input checked="" type="checkbox"/>	<i>1</i>	GROUNDWATER	<input checked="" type="checkbox"/>		<i>11/46</i>	<i>11:46</i>			
<i>WPA317L</i>	<i>B4204'</i>	<input checked="" type="checkbox"/>	<i>1</i>	GROUNDWATER			<i>11/48</i>	<i>11:50</i>			
<i>WPA317L</i>	<i>B4304'</i>	<input checked="" type="checkbox"/>	<i>1</i>	GROUNDWATER			<i>11/52</i>	<i>11:54</i>			
<i>WPA317L</i>	<i>B4404'</i>	<input checked="" type="checkbox"/>	<i>1</i>	GROUNDWATER			<i>2/40</i>	<i>2:40</i>			
<i>WPA317L</i>	<i>B4504'</i>	<input checked="" type="checkbox"/>	<i>1</i>	GROUNDWATER			<i>2/42</i>	<i>2:42</i>			
<i>WPA317L</i>	<i>B4706"</i>	<input checked="" type="checkbox"/>	<i>1</i>	SOIL							

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Relinquished By: *Sosie Baker*  
 Date: *9/4/24* Time: *4:00*  
 Received By: *APACHE*  
 Date: *9-4-24* Time: *10:10*  
 Verbal Result:  Yes  No  Add'l Phone #:  
 All Results are emailed. Please provide Email address: *505.821.952 @ gmail.com*  
 REMARKS: *L. Baker, Toxic O, AP@downward Bachm.w.com*  
*E-Well Result*

Delivered By: (Circle One) Observed Temp. °C: *13* Corrected Temp. °C: *13*  
 Sampler - UPS - Bus - Other: Sample Condition: Cool Intact  Yes  No  
 Checked By: *BB*  
 Turnaround Time: Standard  Rush   
 Bacteria (only) Sample Condition: Cool Intact  Yes  No  
 Corrected Temp. °C: *13*



101 East Marland, Hobbs, NM 88240  
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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <u>Apex</u> Project Manager: <u>Bruce Baker</u>		P.O. #: _____ Company: _____							
Address: _____ City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn: _____ Address: _____							
Phone #: _____ Fax #: _____		City: _____ State: _____ Zip: _____							
Project Name: _____ Project Owner: _____									
Project Location: <u>W A Well - B Box</u>									
Sampler Name: <u>Jose Rosado</u>		Phone #: _____ Fax #: _____							
FOR LAB USE ONLY									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST
<u>12/18/72</u>	<u>W1 BGS-0-2'</u>	<input checked="" type="checkbox"/>	<u>1</u>	GROUNDWATER	<input checked="" type="checkbox"/>		<u>6/9</u>	<u>21:16</u>	<u>CI</u>
<u>29</u>	<u>W2 BGS-0-2'</u>	<input checked="" type="checkbox"/>	<u>1</u>	GROUNDWATER	<input checked="" type="checkbox"/>			<u>9:15</u>	<u>BTEY</u>
<u>30</u>	<u>W3 BGS-0-2'</u>	<input checked="" type="checkbox"/>	<u>1</u>	GROUNDWATER	<input checked="" type="checkbox"/>			<u>2:20</u>	<u>967 TPH</u>
<u>31</u>	<u>W4 BGS-0-2'</u>	<input checked="" type="checkbox"/>	<u>1</u>	SOIL	<input checked="" type="checkbox"/>			<u>2:24</u>	
<u>32</u>	<u>W5 BGS-0-4'</u>	<input checked="" type="checkbox"/>	<u>1</u>	SLUDGE	<input checked="" type="checkbox"/>			<u>2:26</u>	
<u>33</u>	<u>W6 BGS-0-4'</u>	<input checked="" type="checkbox"/>	<u>1</u>	OTHER:	<input checked="" type="checkbox"/>			<u>2:28</u>	
<u>34</u>	<u>W7 BGS-0-4'</u>	<input checked="" type="checkbox"/>	<u>1</u>	ACID/BASE:	<input checked="" type="checkbox"/>			<u>2:30</u>	
<u>35</u>	<u>W8 BGS-0-4'</u>	<input checked="" type="checkbox"/>	<u>1</u>	ICE / COOL	<input checked="" type="checkbox"/>			<u>2:32</u>	
<u>36</u>	<u>W9 BGS-0-4'</u>	<input checked="" type="checkbox"/>	<u>1</u>	OTHER:	<input checked="" type="checkbox"/>			<u>2:34</u>	
<u>37</u>	<u>W10 BGS-0-2'</u>	<input checked="" type="checkbox"/>	<u>1</u>	OTHER:	<input checked="" type="checkbox"/>				

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Relinquished By: Jose Rosado Date: 6-9-24 Time: 10:40  
 Received By: APPEL Date: 6-9-24 Time: 10:40

Delivered By: (Circle One)  Observed Temp. °C 1.3  Corrected Temp. °C \_\_\_\_\_  
 Sampler - UPS - Bus - Other: \_\_\_\_\_

Turnaround Time:  Standard  Rush  
 Thermometer ID #140 Correction Factor 0°C  
 Bacteria (only) Sample Condition:  Cool  Intact  Yes  No  Observed Temp. °C \_\_\_\_\_  
 Cool  Intact  Yes  No  Corrected Temp. °C \_\_\_\_\_

Verbal Result:  Yes  No  Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: 56821052@smm.com  
 REMARKS: L Baker, Jason O, Apex Received Back NM, CA  
E-mail: Rosado

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

Company Name: <u>Paechy Bruce Bak</u> Project Manager: <u>Bruce Bak</u> Address: _____ City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: _____ Project Location: <u>WA Well B 2206</u> Sampler Name: <u>Bob Baker</u> FOR LAB USE ONLY		<b>BILL TO</b> P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <u>H21972</u> <u>330</u> <u>331</u>	Sample I.D. <u>W1 BGS0-3'</u> <u>W12 BGS0-6"</u>	(G)RAB OR (C)OMP. <u>CI</u>	# CONTAINERS <u>1</u>
		MATRIX GROUNDWATER <u>1</u> WASTEWATER <u>1</u> SOIL <u>1</u> OIL <u>1</u> SLUDGE <u>1</u> OTHER: _____	PRESERV. <u>1</u> ACID/BASE: _____ ICE / COOL <u>1</u> OTHER: _____
DATE <u>9/19</u> TIME <u>2:56</u> <u>2:38</u>		SAMPLING <u>CI</u> <u>BTX</u> <u>ADLRS</u>	ANALYSIS REQUEST

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Relinquished By: Bob Baker Date: 9/19/24 Time: 4:17 Received By: APR Date: 9/24 Time: 11:40

Delivered By: (Circle One) Observed Temp. °C 1.3 Corrected Temp. °C \_\_\_\_\_  
 Sampler - UPS - Bus - Other: \_\_\_\_\_

Turnaround Time: \_\_\_\_\_ Standard  Rush  Bacteria (only) Sample Condition Cool Intact  Observed Temp. °C \_\_\_\_\_  
 Thermometer ID #140 Correction Factor 0°C \_\_\_\_\_

REMARKS: h. Baker, Soson O, APD Demand for h.w. com  
2-Well Results

Verbal Result:  Yes  No  Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: sgarosa@gmail.com  
 Add'l Phone #: \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



303 Veterans Airpark Lane Midland, TX 79705

## **Reclamation Report**

September 18, 2024

Re: W.A. Weir B # 6  
Case nAPP2334057478

*The release area was backfilled with clean imported topsoil to ground surface and contoured to the surrounding area. The remaining caliche pad was removed to the original ground surface outside the release area of the plugged and abandoned well. On 6/20/2024 the disturbed area was reseeded with the surface landowner preferred seed. On 8/28/2024 two 5-point composite samples were collected of the imported backfill and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. All reclamation activities were conducted in consultation with the surface landowner's representative.  
Submitted by.*

*Larry Baker*

**Environmental Technician**  
larry.baker@apachecorp.com  
**Office # 432-818-1654**  
**Cell# 432-250-8384**





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

---

September 04, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: W A WEIR B 006

Enclosed are the results of analyses for samples received by the laboratory on 08/28/24 16:56.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/28/2024	Sampling Date:	08/28/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: BG 1 SURFACE (H245253-01)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2024	ND	1.82	91.2	2.00	4.25		
Toluene*	<0.050	0.050	08/30/2024	ND	1.78	88.9	2.00	4.11		
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.80	89.9	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.35	89.2	6.00	4.49		
Total BTEX	<0.300	0.300	08/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/29/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	191	95.4	200	4.87		
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	191	95.3	200	6.21		
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND						

Surrogate: 1-Chlorooctane 115 % 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



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**Analytical Results For:**

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

Received:	08/28/2024	Sampling Date:	08/28/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	W A WEIR B 006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

**Sample ID: BG 2 SURFACE (H245253-02)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2024	ND	1.82	91.2	2.00	4.25		
Toluene*	<0.050	0.050	08/30/2024	ND	1.78	88.9	2.00	4.11		
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.80	89.9	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.35	89.2	6.00	4.49		
Total BTEX	<0.300	0.300	08/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/29/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	191	95.4	200	4.87		
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	191	95.3	200	6.21		
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND						

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



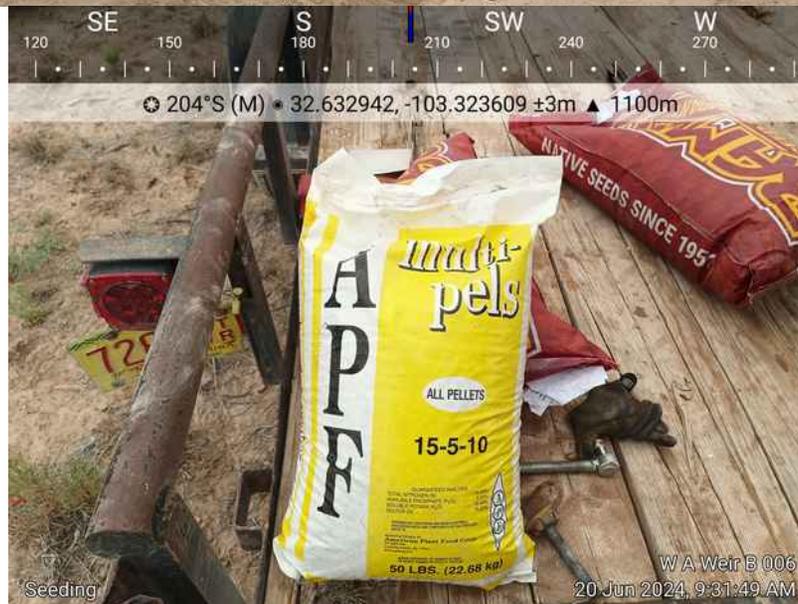
101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

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

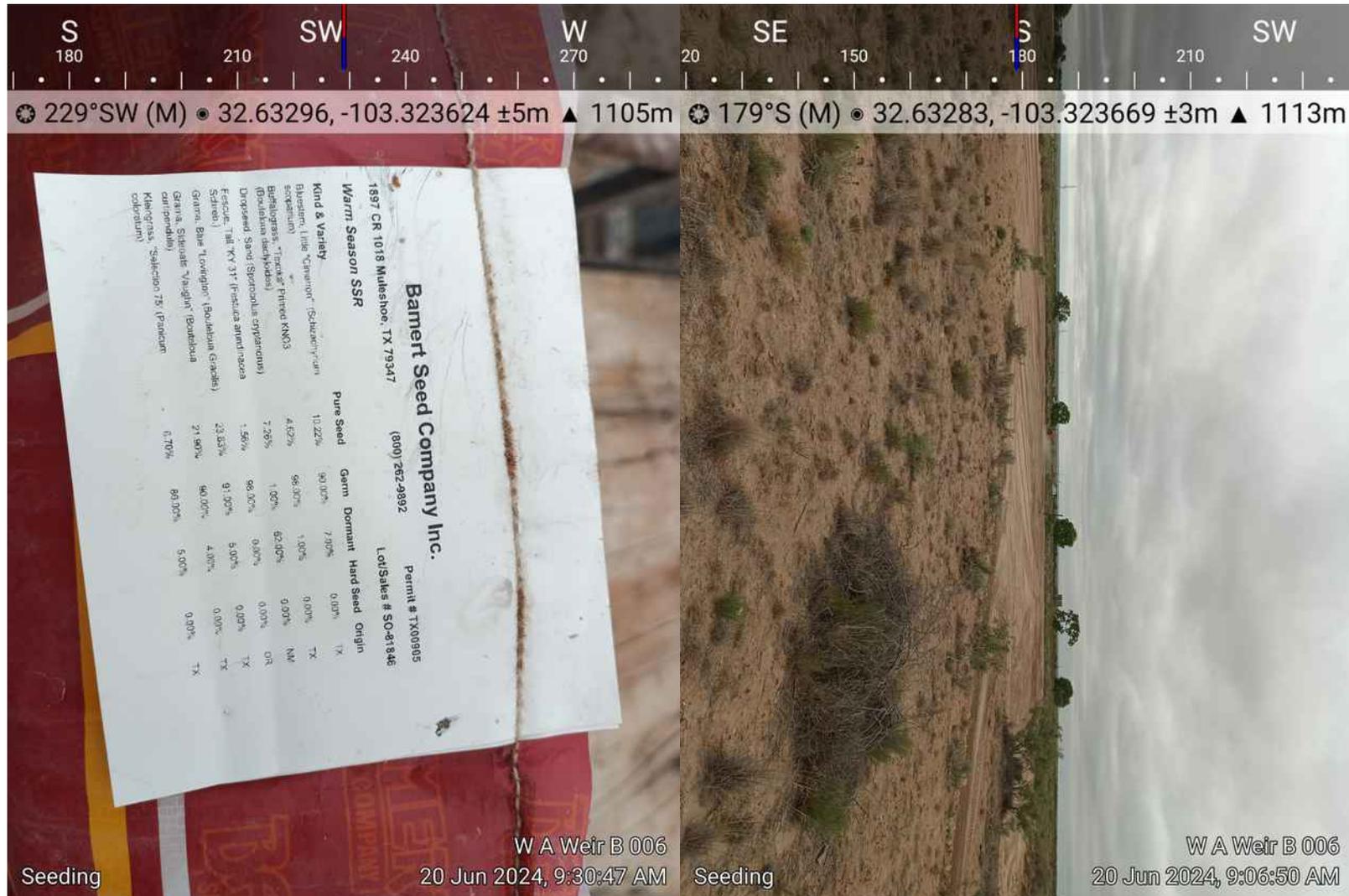
Company Name: <i>Acuba</i> Project Manager: <i>Bruce Baker</i>		P.O. #: Company: Attn: Address: City: State:      Zip:	
Address: City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88240</i> Phone #:      Fax #:		Project #:      Project Owner: Project Name: Project Location: <i>W H West, B DC</i> Sampler Name: <i>Sose Reed</i> Fax #:	
FOR LAB USE ONLY			
Lab I.D.      Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	MATRIX ACID/BASE: ICE / COOL OTHER:	PRESERV. SAMPLING DATE TIME
<i>H245253</i> <i>B61 surf</i> <i>B62 surf</i>	61 61 1 1 1 1	1 1 1 1 1	9/24 7:52 7:54 1 1 1
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Relinquished By: <i>Sose Reed</i> Date: <i>9/24/24</i> Time: <i>1:51</i>	Received By: <i>APPAVOS</i> Date:      Time:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: <i>59821052@gmail.com</i>	Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush Thermometer ID #140      Correction Factor: <i>0.0°C</i> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C      Corrected Temp. °C
REMARKS: <i>L. Baker, vessel to diamond Beach NM. low</i> <i>2-Mo/1 Bas/Hs</i>			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	CHECKED BY: (Initials) <i>AP</i>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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### W A Wier B 006 Seeding Photos



W A Wier B 006  
Seeding Photos



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**District IV**  
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 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 384700

**QUESTIONS**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 384700
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2334057478
Incident Name	NAPP2334057478 W A WEIR B #006 @ 30-025-34024
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-34024] W A WEIR B #006

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	W A Weir B #006
Date Release Discovered	11/17/2023
Surface Owner	Private

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Other   Well   Produced Water   Released: 10 BBL   Recovered: 5 BBL   Lost: 5 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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QUESTIONS, Page 2

Action 384700

**QUESTIONS (continued)**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 384700
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

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

*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: 02/15/2024
--	--

**District I**  
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**District IV**  
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**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 384700

**QUESTIONS (continued)**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 384700
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**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 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
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 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	23200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0.1
GRO+DRO (EPA SW-846 Method 8015M)	0.1
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

*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	06/01/2024
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)	09/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	11000
What is the estimated volume (in cubic yards) that will be reclaimed	1100
What is the estimated surface area (in square feet) that will be remediated	11000
What is the estimated volume (in cubic yards) that will be remediated	1100

*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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**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 384700

**QUESTIONS (continued)**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 384700
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Remediation Plan (continued)**

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

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <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	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	30-025-34024 W A WEIR B #006
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(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

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

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

I hereby agree and sign off to the above statement	Name: Larry Baker Title: Sr Environmental Tech Email: larry.baker@apachecorp.com Date: 02/15/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 384700

**QUESTIONS (continued)**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 384700
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Deferral Requests Only**

*Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*

Requesting a deferral of the remediation closure due date with the approval of this submission	No
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QUESTIONS, Page 6

Action 384700

**QUESTIONS (continued)**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 384700
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>349191</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>06/03/2024</b>
What was the (estimated) number of samples that were to be gathered	<b>84</b>
What was the sampling surface area in square feet	<b>14379</b>

**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	<b>Yes</b>
Have the lateral and vertical extents of contamination been fully delineated	<b>Yes</b>
Was this release entirely contained within a lined containment area	<b>No</b>
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	<b>Yes</b>
What was the total surface area (in square feet) remediated	<b>9400</b>
What was the total volume (cubic yards) remediated	<b>1640</b>
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	<b>Yes</b>
What was the total surface area (in square feet) reclaimed	<b>27200</b>
What was the total volume (in cubic yards) reclaimed	<b>1640</b>
Summarize any additional remediation activities not included by answers (above)	The release area was excavated in accordance with the OCD approved remediation plan. Reclamation and seeding has been completed.

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

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

I hereby agree and sign off to the above statement	Name: Larry Baker Title: Sr Environmental Tech Email: larry.baker@apachecorp.com Date: 09/18/2024
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QUESTIONS, Page 7

Action 384700

**QUESTIONS (continued)**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 384700
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Reclamation Report**

*Only answer the questions in this group if all reclamation steps have been completed.*

Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	27200
What was the total volume of replacement material (in cubic yards) for this site	1640

*Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.*

Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	06/20/2024

Summarize any additional reclamation activities not included by answers (above)	The area was reclaimed and seeding with consultation with the surface landowner representative.
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*The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.*

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

I hereby agree and sign off to the above statement	Name: Larry Baker Title: Sr Environmental Tech Email: larry.baker@apachecorp.com Date: 09/18/2024
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Action 384700

**QUESTIONS (continued)**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 384700
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Revegetation Report</b>	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 384700

**CONDITIONS**

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 384700
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**CONDITIONS**

Created By	Condition	Condition Date
scott.rodgers	We have received your Remediation Closure/Reclamation Report for Incident #NAPP2334057478, thank you. This Remediation Closure/Reclamation Report is approved.	9/24/2024