

Closure Report

October 24, 2024

Re: NEDU 613

Case nAPP240744539

On 03/07/2024 a release occurred due to corrosion on a 6" steel injection line. The release (GPS: 32.4802054, -103.1438498) is located north of Eunice, New Mexico in unit letter H section 15 township 19S range 36E. Using data collected from the closure reported submitted and closed by OCD 07/06/2022 for the NEDU 627 Pit 1RP-1357. The soil bores conducted in 2019 demonstrated the presence of no groundwater. A remediation plan was submitted and approved by OCD.

The release area was excavated to depths of 2 to 9 feet. All soil excavated (2,740 yards) was hauled to an OCD approved disposal facility. On 8/29/2024 final 5-point bottom and wall composite samples were collected and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Once all laboratory analysis were below table one standards for the most stringent standards as requested by the NMSLO the excavation was backfilled with clean imported topsoil to ground surface and contoured to the surrounding area. Two backfill samples were collected and submitted to a commercial laboratory and tested for chloride, TPH, and BTEX. Both samples confirmed that the backfill material was clean. The disturbed area was reseeded in accordance with approved revegetation and noxious weed plan.

Apache Corporation has completed the remediation to the most stringent table one standards and respectfully request closure of the incident.

Enclosed: C-141, Maps, Sample Data, Laboratory Results, Photos, and Reclamation Summary.

Submitted by.

Environmental Technician larry.baker@apachecorp.com

Office # 432-818-1654

Cell# 432-250-8384

Received by OCD: 10/26/2024	12:00:23 AM
Form C-141	State of New Mexico
Page 6	Oil Conservation Division

	Page 2 of 190
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 photomust be notified 2 days prior to liner inspection)	os of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OI	OC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	lations. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in
Printed Name: Larry Baker	Title: Environmental Specialist Sr.
Signature: Larry Baker email: larry.baker@apachecorp.com	Telephone: 432-250-8384
	-
OCD Only	
Received by:	Date:
	y of liability should their operations have failed to adequately investigate and e water, human health, or the environment nor does not relieve the responsible d/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

From: <u>Velez, Nelson, EMNRD</u>

To: Baker, Larry

Subject: Re: [EXTERNAL] nAPP2407444539 Nedu 613 Extension Request.

Date: Friday, September 6, 2024 8:50:04 AM

Attachments: Outlook-jlwpihuc.png

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DO NOT CLICK on links or attachments unless you know the content is safe and relevant to Apache business.

Report Suspicious

Good morning Bruce,

Thank you for the correspondence. Your 30-day time extension request is approved. Remediation Due date has been updated to October 7, 2024.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Baker, Larry < Larry.Baker@apachecorp.com>

Sent: Thursday, September 5, 2024 4:04 PM

To: Velez, Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov>

Subject: [EXTERNAL] nAPP2407444539 Nedu 613 Extension Request.

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

Mr. Velez,

Apache Corporation would like to request a 30-day extension. The majority of the release is excavated and remediated but several samples Laboratory results will require further excavation. Please let me know if you have any questions or wish to discuss.

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

APACHE CORPORATION

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

<u>ApacheCorp.com</u> | <u>LinkedIn</u> | <u>Facebook</u> | <u>Twitter</u> | <u>StockTwits</u> | <u>YouTube</u>

From: OCDOnline@state.nm.us

To: Baker, Larry

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 377373

Date: Monday, August 26, 2024 8:59:07 AM

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Report Suspicious

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#) nAPP2407444539.

The sampling event is expected to take place:

When: 08/28/2024 @ 09:00

Where: H-15-21S-37E 0 FNL 0 FEL (32.4802054,-103.1438498)

Additional Information: Joe Cell number 575-441-2661

Additional Instructions: GPS 32.4802054 -103.1438498

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 <u>outside</u> of Apache. If you are unsure about this message, click "Report Suspicious" or send to phish@apachecorp.com

From: OCDOnline@state.nm.us

To: Baker, Larry

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 381954

Date: Tuesday, September 10, 2024 8:14:24 AM

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Report Suspicious

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#) nAPP2407444539.

The sampling event is expected to take place:

When: 09/12/2024 @ 08:00

Where: H-15-21S-37E 0 FNL 0 FEL (32.4802054,-103.1438498)

Additional Information: Joe- 575-441-2661

Additional Instructions: GPS-32.4802054 -103.1438498

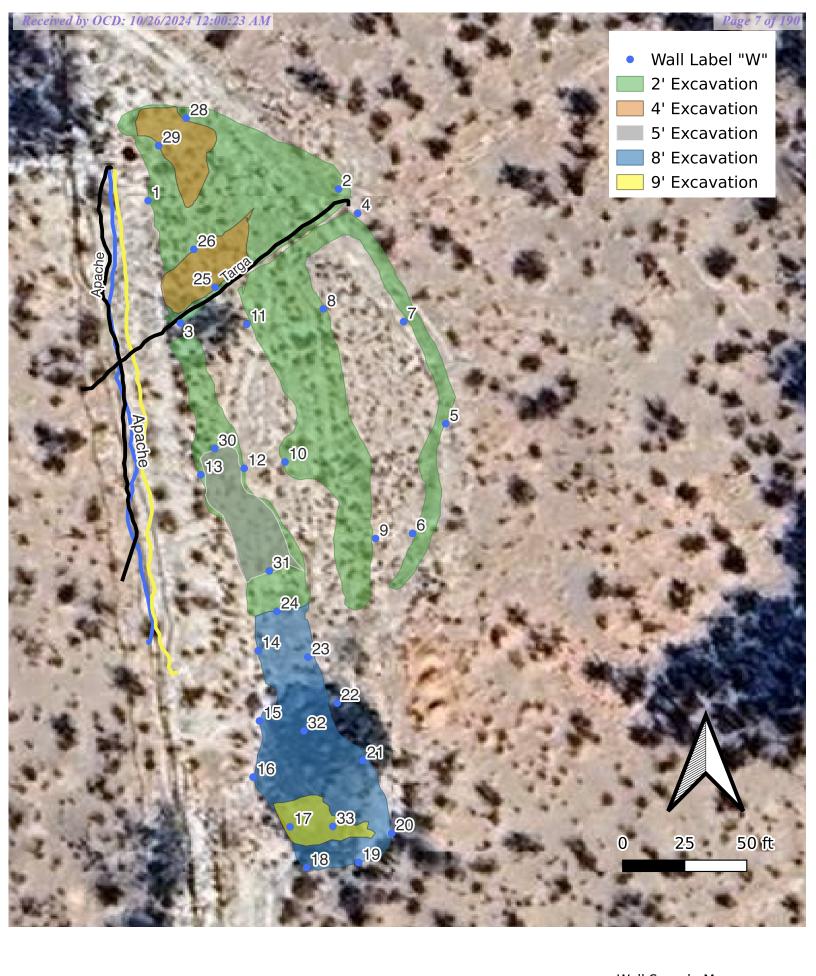
An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there 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.

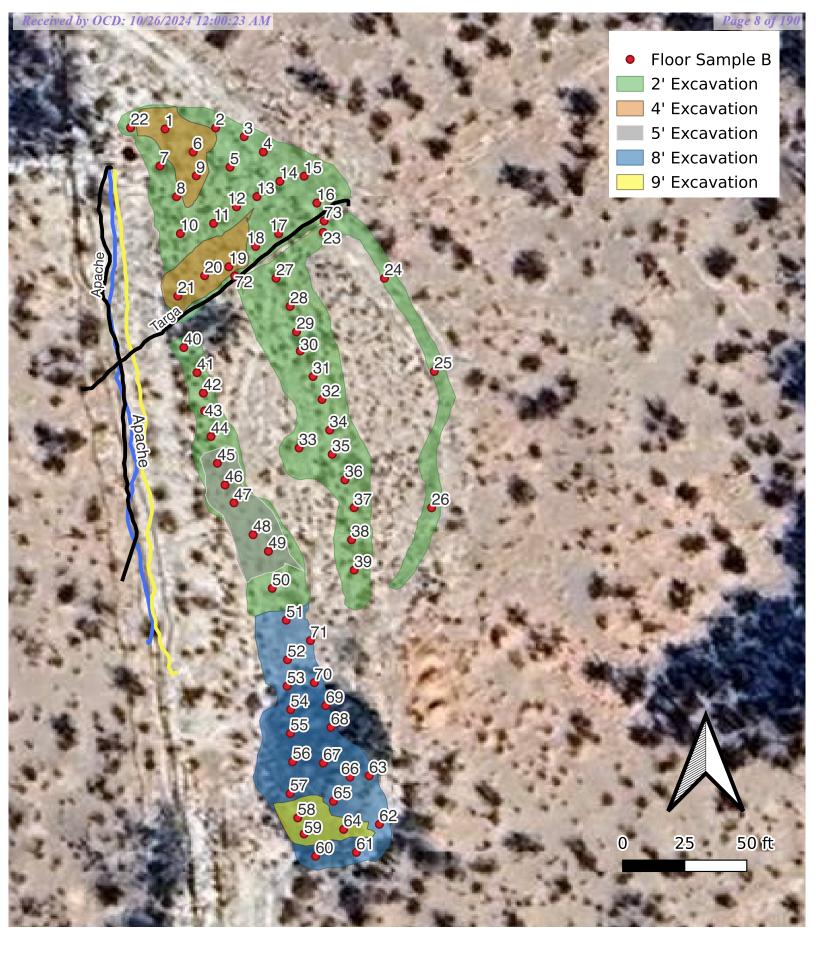
• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

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

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NEDU 613 Floor Sample Map

NEDU 613 Wall Sample Summary

	waii Sample 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	H245254-36	BGS 0-2'	COMP	8/28/24	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	224
W2	H245254-37	BGS 0-2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
W3	H245254-38	BGS 0-2'	COMP	8/28/24	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
W4	H245293-01	BGS 0-2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	480
W5	H245293-02	BGS 0-2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	320
W6	H245293-03	BGS 0-2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
W7	H245293-04	BGS 0-2'	COMP	8/29/24	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
W8	H245293-05	BGS 0-2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
W9	H245293-06	BGS 0-2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
W10	H245293-07	BGS 0-2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
W11	H245292-08	BGS 0-2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
W12	H245293-09	BGS 0-2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
W13	H245293-10	BGS 0-2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
W14	H245323-01	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
W15	H245323-02	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
W16	H245323-03	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
W17	H245323-04	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432
W18	H245323-05	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
W19	H245323-06	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
W20	H245323-07	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
W21	H245323-08	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
W22	H245323-09	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
W23	H245323-10	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	464
W24	H245325-01	BGS 0-8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
W25	H245325-02	BGS 0-4'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
W26	H245325-03	BGS 0-4'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
W27	H245325-04	BGS 0-4'	COMP	8/30/24	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
W28	H245557-15	BGS 2-4'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
W29	H245557-16	BGS 2-4'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
W30	H245557-17	BGS 2-5'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
W31	H245658-03	BGS 4-6'	COMP	9/17/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80
W31	H245557-18	BGS 4-5'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	656
W32	H245557-19	BGS 8-9'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
W33	H245557-20	BGS 8-9'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208

NEDU 613 Floor Sample 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	H245254-01	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	896
B1	H245557-10	6'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	592
B2	H245254-02	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
B3	H245254-03	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B4	H245254-04	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B5	H245254-05	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	480
B6	H245254-06	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	752
B6	H245557-01	4'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	512
B7	H245254-07	2'	COMP	8/28/24	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
B8	H245254-08	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	384
B9	H245324-09	4'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
B10	H245254-09	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
B11	H245254-10	2'	COMP	8/28/24	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B12	H245254-11	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
B13	H245254-12	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B14	H245254-13	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B15	H245254-14	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112

Released to Imaging: 2/14/2025 10:53:50 AM

ceined by	P2GD254-952	6/ 2024 12:0	0:230M	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	Page 40 of
B17	H245254-16	2'	COMP	8/28/24	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	224
	H245254-17	2'	COMP	8/28/24	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
-	H245324-06	4'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	512
	H245324-07	4'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
	H245324-08	4'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
	H245254-18	3'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	912
	H245254-19	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
	H245254-20	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80
	H245254-21	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
	H245254-22	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
	H245254-23	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
	H245254-24	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
	H245254-25	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
	H245254-26	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
	H245254-27	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
	H245254-28	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
B33	H245254-29	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
	H245254-30	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	320
B35	H245254-31	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
	H245254-32	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
	H245254-33	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
	H245254-34	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
	H245254-35	2'	COMP	8/28/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
	H245292-01	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
	H245292-02	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	464
	H245292-03	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
	H245292-04	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
	H245292-04	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	496
	H245292-06	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	624
	H245658-01	<u>6'</u>	COMP	9/17/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
	H245557-04	<u>5'</u>	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	624 722
	H245292-07	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	768
	H245557-05	5'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	528
	H245292-08	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	640
	H245557-06	5'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	576
	H245292-09	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	800
	H245557-07	5'	COMP	9/12/24	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	576
B49	H245292-10	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	752
B49	H245658-02	6'	COMP	9/17/24	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
B49	H245557-08	5'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	640
	H245292-11	2'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	688
	H245557-09	4'	COMP	9/12/24	< 0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	560
	H245292-12	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
B52	H245292-13	8,	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80
	H245292-14	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
	H245292-14	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
-	H245292-16	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	640
	H245292-10	9'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
	H245292-17	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	560
	H245292-18	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
	H245292-19	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	720
	H245557-12	9'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	320
	H245292-20	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	688
	H245557-13	9'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
	H245292-21	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
B61	H245292-22	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
	H245292-23	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
	H245292-24	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
	H245292-25	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	896
		9'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
	H245557-14	9												

Received b.	y P248324-812	6/ 2024 12: (00:23 AM	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	Page 436 of 190
B67	H245292-27	8'	COMP	8/29/24	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	320
B68	H245324-02	8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	240
B69	H245324-03	8'	COMP	8/30/24	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	368
B70	H245324-04	8'	COMP	8/30/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
B71	H245324-05	8'	COMP	8/30/24	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	288
B72	H245557-02	1'	COMP	9/12/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
B73	H245557-03		COMP	9/12/24	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	272

NEDU 613 Backfill Sample 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
BG1	H245426-01	Surface	COMP	9/9/24	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
BG2	H245426-02	Surface	COMP	9/9/24	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32

	Floor Sa	amples	
Number	Latitude	Longitude	Depth
1		-103.143791666667	2'
2		-103.143725667987	2'
3	32.4802133333333		2'
4	32.4801933333333		2'
5	32.4801735028628	-103.143706764974	2'
6	32.4801933333333	-103.143755	2'
7	32.480175	-103.143798333333	2'
8	32.480135	-103.143776666667	2'
9	32.4801622571955		4'
10	32.4800866666667	-103.143771666667	2'
11	32.4801	-103.143728333333	2'
12	32.4801216666667	-103.143698333333	2'
13	32.480135	-103.143671666667	2'
14	32.480155	-103.143641666667	2'
15	32.4801616666667	-103.14361	2'
16	32.4801266666667	-103.143593333333	2'
17	32.4800866666667	-103.143643333333	2'
18	32.48007	-103.143673333333	2'
19	32.4800433333333	-103.143708333333	4'
20	32.4800316666667	-103.14374	4'
21	32.480005	-103.143775	4'
22	32.480225	-103.143836666667	3'
23	32.4800883333333	-103.143585	2'
24	32.4800283333333	-103.143505	2'
25	32.4799066666667	-103.14344	2'
26	32.4797284683938	-103.14344343544	2'
27	32.4800283333333	-103.143646666667	2'
28	32.4799916666667	-103.143628333333	2'
29	32.4799583333333	-103.14362	2'
30	32.4799333333333	-103.143615	2'
31	32.4799	-103.143598333333	2'
32	32.47987	-103.143586666667	2'
33	32.4798066666666	-103.143616666667	2'
34	32.47983	-103.143576666667	2'
35	32.4797983333333	-103.1435733333333	2'
36	32.479765	-103.143575353535	2'
37	32.4797286042589	-103.143544632384	2'
38	32.4796867667444	-103.143548047483	2'
39	32.4796471415271	-103.14354449519	2'
40	32.4799378883761	-103.143767212355	2'
41	32.479905	-103.143767212353	2'
42	32.4798783333333	-103.143741666667	2'
43	32.479855	-103.14374	2'
43	32.4798216666667	-103.143731666667	2'
45	32.4797866666667	-103.143731000007	2'
46	32.4797583333333		2'
47		-103.143713333333	2'
	32.479735	-103.143701666667	2'
48	32.4796933333333	-103.143676666667	2'
49	32.4796716666667	-103.143656666667	2'
50	32.4796233333333	-103.143651666667	
51	32.4795816666667	-103.143633333333	8' 8'
71	32.479555	-103.143601666667	
52	32.47953	-103.143631666667	8'

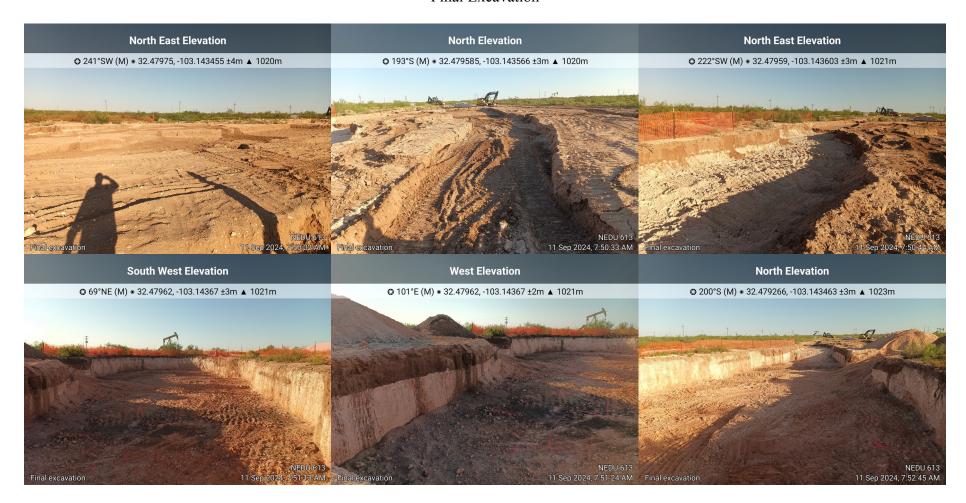
Ho	rizontal Samp	les
Number	Υ	X
1	32.47922138	-103.1435609
2	32.479885	-103.1434
3	32.48027992	-103.1437352
4	32.47974523	-103.1437551

70	32.4795	-103.143596666667	8'
53	32.4794954755565	-103.14363223878	8'
54	32.4794648035673	-103.143627612153	8'
69	32.47947	-103.143581666667	8'
55	32.4794337861301	-103.14362792068	8'
68	32.4794416666667	-103.143575	8'
67	32.479395	-103.143585	8'
56	32.4793966666667	-103.143625	8'
57	32.479355	-103.143628333333	8'
58	32.4793233333333	-103.143618333333	9'
59	32.479302395391	-103.143610041438	9'
66	32.4793766666667	-103.14355	8'
65	32.479345	-103.143571666667	8'
64	32.4793083333333	-103.143558333333	9'
63	32.4793783333333	-103.143525	8'
62	32.479315	-103.143511666667	8'
61	32.4792783333333	-103.143541666667	8'
60	32.4792733333333	-103.143595	8'
72	32.4800313029762	-103.143700587896	1'
73	32.4801032118482	-103.143583802268	·

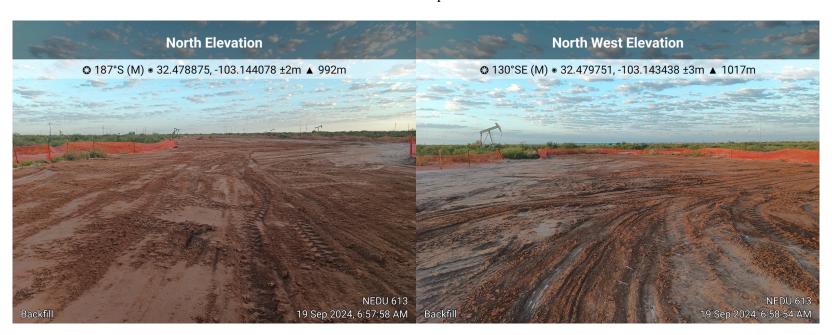
NEDU 613 Final Excavation



NEDU 613 Final Excavation



NEDU 613 Backfill Completion





September 04, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU #613

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 08/28/2024 Reported: 09/04/2024 Project Name: NEDU #613 Project Number: NEDU #613

Project Location: NONE GIVEN Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 1 @ 2' (H245254-01)

BTEX 8021B	mg,	/kg	Analyze	d 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	99.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	69.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/28/2024 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 2 @ 2' (H245254-02)

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	99.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	68.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

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

 Received:
 08/28/2024

 Reported:
 09/04/2024

 Project Name:
 NEDU #613

 Project Number:
 NEDU #613

Project Location: NONE GIVEN

mg/kg

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 3 @ 2' (H245254-03)

BTEX 8021B

	<u> </u>								
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

(6/6) 555 _

mg/kg

 Received:
 08/28/2024
 Sampling Date:
 08/28/2024

 Reported:
 09/04/2024
 Sampling Type:
 Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: NEDU #613 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: B 4 @ 2' (H245254-04)

BTEX 8021B

	<u> </u>								
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	98.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

ma/ka

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 5 @ 2' (H245254-05)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a 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	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 6 @ 2' (H245254-06)

BTEX 8021B	mg/	kg	Analyze	d 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	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

97.6 %

49.1-148

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 7 @ 2' (H245254-07)

BTEX 8021B

DIEX COLLE	9/	119	Analyzo	.u 5 y . 5					
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	98.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						

Analyzed By: JH

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Surrogate: 1-Chlorooctadecane



Analytical Results For:

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

Received: 08/28/2024 Reported:

09/04/2024 Project Name: NEDU #613 Project Number: NEDU #613

NONE GIVEN

Project Location:

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 8 @ 2' (H245254-08)

BTEX 8021B	mg/	'kg	Analyze	d 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	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	67.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.3	% 49.1-14	8						

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Analytical Results For:

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

Fax To: (575) 393-2432

mg/kg

 Received:
 08/28/2024
 Sampling Date:
 08/28/2024

 Reported:
 09/04/2024
 Sampling Type:
 Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: NEDU #613 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: B 10 @ 2' (H245254-09)

BTEX 8021B

	9/	9	7	7 5					
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	96.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	53.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	57.6	% 49.1-14	8						

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Analytical Results For:

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

Fax To: (575) 393-2432

mg/kg

 Received:
 08/28/2024
 Sampling Date:
 08/28/2024

 Reported:
 09/04/2024
 Sampling Type:
 Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: NEDU #613 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: B 11 @ 2' (H245254-10)

BTEX 8021B

	9/	9	7	7 5					
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	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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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
Reported: 09/04/2024
Project Name: NEDIJ #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 12 @ 2' (H245254-11)

BTEX 8021B	mg	/kg	Analyze	ed 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	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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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 Reported: 09/04/2024

mg/kg

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 13 @ 2' (H245254-12)

BTEX 8021B

DILX GOZID	11197	ng .	Allulyzo	u by. 511					
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	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/30/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	84.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

ma/ka

 Received:
 08/28/2024
 Sampling Date:
 08/28/2024

 Reported:
 09/04/2024
 Sampling Type:
 Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: NEDU #613 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: NONE GIVEN

Sample ID: B 14 @ 2' (H245254-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	98.5	% 71.5-13	4						
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	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 15 @ 2' (H245254-14)

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	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	% 71.5-13	4						
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	08/30/2024	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	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

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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

mg/kg

82.6 %

49.1-148

Reported: 09/04/2024
Project Name: NEDU #613
Project Number: NEDU #613

Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 16 @ 2' (H245254-15)

BTEX 8021B

DIEX COLLD	9/ 119		Analyzea Byr Sn						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.82	91.2	2.00	4.25	
Toluene*	<0.050	0.050	08/31/2024	ND	1.78	88.9	2.00	4.11	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.80	89.9	2.00	4.27	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.35	89.2	6.00	4.49	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/30/2024	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	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	1						

Analyzed By: JH

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Surrogate: 1-Chlorooctadecane



Analytical Results For:

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

 Received:
 08/28/2024

 Reported:
 09/04/2024

 Project Name:
 NEDU #613

ma/ka

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 17 @ 2' (H245254-16)

RTFY 8021R

BIEX 8021B	тд/кд		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	1.80	89.9	2.00	0.848	QM-07
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	QM-07
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	QM-07
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	QM-07
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 71.5-13	4						
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	08/30/2024	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	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	79.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

Applyzod By: 14

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 18 @ 2' (H245254-17)

BTEX 8021B

	9/	9	7	7: - 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2024	ND	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/30/2024	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	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

Analyzed By: JH

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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 Reported: 09/04/2024

Reported: 09/04/2024
Project Name: NEDU #613
Project Number: NEDU #613

ma/ka

Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 22 @ 3' (H245254-18)

RTFY 8021R

BIEX 8021B	тд/кд		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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	08/30/2024	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	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	57.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.7	% 49.1-14	8						

Applyzod By: 14

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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 Reported: 09/04/2024 Project Name: NEDU #613 Project Number: NEDU #613

Project Location: NONE GIVEN Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 23 @ 2' (H245254-19)

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	08/30/2024	ND	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/30/2024	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	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	71.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 24 @ 2' (H245254-20)

BTEX 8021B

	91	9	7	<u></u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2024	ND	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	206	103	200	1.77	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	204	102	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 49.1-14	8						

Analyzed By: JH

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Celeg D. Freene



Analytical Results For:

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

Received: 08/28/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 25 @ 2' (H245254-21)

BTEX 8021B	mg,	/kg	Analyze	d 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	72.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/28/2024 Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 26 @ 2' (H245254-22)

BTEX 8021B	mg/l	kg	Analyze	d 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/l	kg	Analyze	d By: HM					

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
			,,						

Surrogate: 1-Chlorooctane 91.4 % 48.2-134 Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 27 @ 2' (H245254-23)

BTEX 8021B

	9/	9	7	<u></u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2024	ND	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

Analyzed By: JH

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

ma/ka

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 28 @ 2' (H245254-24)

RTFY 8021R

B1EX 8021B	mg,	/ Kg	Analyze	a 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Applyzod By: 14

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Celeg & Freene



08/28/2024

Sampling Date:

Analytical Results For:

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

Received: 08/28/2024

Reported: 09/04/2024 Sampling Type: Soil Project Name: NEDU #613 Sampling Condition: Cool & Intact Sample Received By: Project Number: NEDU #613 Alyssa Parras

Project Location: NONE GIVEN

Sample ID: B 29 @ 2' (H245254-25)

BTEX 8021B	mg/	kg	Analyze	d 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

Received: 08/28/2024 Reported: 09/04/2024 Project Name: NEDU #613

Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/28/2024

Sampling Type: Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Soil

Sample ID: B 30 @ 2' (H245254-26)

BTEX 8021B	mg/	'kg	Analyze	d 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 71.5-13	4						
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	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/28/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

87.2 %

105 %

48.2-134

49.1-148

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 31 @ 2' (H245254-27)

BTEX 8021B

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

DIEX COLLE	9/	119	Anaryze	u 5,1 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2024	ND	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
DRO >C10-C20	110.0								

Analyzed By: JH

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Celeg D. Freene



Analytical Results For:

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

Received: 08/28/2024

Reported: 09/04/2024 Project Name: NEDU #613 Project Number: NEDU #613

Project Location: NONE GIVEN Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 32 @ 2' (H245254-28)

BTEX 8021B	mg/	kg	Analyze	d 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/28/2024
Reported: 09/04/2024
Project Name: NEDIJ #612

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 33 @ 2' (H245254-29)

BTEX 8021B	mg,	/kg	Analyze	d 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 34 @ 2' (H245254-30)

BTEX 8021B	mg/	'kg	Analyze	d 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	70.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 35 (H245254-31)

BTEX 8021B	mg	/kg	Analyze	d 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: NONE GIVEN

Sample ID: B 36 (H245254-32)

BTEX 8021B	mg/	kg	Analyze	d 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 37 (H245254-33)

BTEX 8021B	mg/	kg	Analyze	d 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	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 38 (H245254-34)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2024	ND	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Analyzed By: JH

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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 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 39 (H245254-35)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2024	ND	1.80	89.9	2.00	0.848	
Toluene*	<0.050	0.050	08/30/2024	ND	1.72	86.1	2.00	0.343	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.75	87.3	2.00	0.667	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	5.19	86.5	6.00	1.04	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Analyzed By: JH

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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 Reported: 09/04/2024 Project Name: NEDU #613 Project Number: NEDU #613

Project Location: NONE GIVEN Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 1 BGS 0-2' (H245254-36)

BTEX 8021B	mg/	kg	Analyze	d 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	2.08	104	2.00	5.44	
Toluene*	<0.050	0.050	08/30/2024	ND	1.95	97.5	2.00	6.03	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.98	99.2	2.00	8.43	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	6.10	102	6.00	8.83	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	73.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

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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
Reported: 09/04/2024
Project Name: NEDU #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil Sampling Condition: Cool

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 2 BGS 0-2' (H245254-37)

BTEX 8021B	mg,	'kg	Analyze	d 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	2.08	104	2.00	5.44	
Toluene*	<0.050	0.050	08/30/2024	ND	1.95	97.5	2.00	6.03	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	1.98	99.2	2.00	8.43	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	6.10	102	6.00	8.83	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	59.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.6	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

Received: 08/28/2024
Reported: 09/04/2024
Project Name: NEDIJ #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/28/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 3 BGS 0-2' (H245254-38)

BTEX 8021B	mg/	kg	Analyze	d 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	2.11	106	2.00	1.40	
Toluene*	<0.050	0.050	08/30/2024	ND	2.21	110	2.00	2.03	
Ethylbenzene*	<0.050	0.050	08/30/2024	ND	2.42	121	2.00	1.15	
Total Xylenes*	<0.150	0.150	08/30/2024	ND	7.01	117	6.00	0.420	
Total BTEX	<0.300	0.300	08/30/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	183	91.6	200	7.07	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	187	93.7	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					
Surrogate: 1-Chlorooctane	70.8 9	% 48.2-13	4						

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Celey D. Keine

Surrogate: 1-Chlorooctadecane

Celey D. Keene, Lab Director/Quality Manager

84.4 %

49.1-148



Notes and Definitions

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

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	e: Dashe											1	BI	LL TO	A Company					AN	IAL	YSIS	RE	EQU	JES	Т			
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10	B11 @2'				-																								

filiates or successors arising out of or related to the performance	rmance of services hereunder by Cardinal, regar		d upon any of the above stated					
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Delivered By: (Circle One)	Observed Temp. °C	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time:	Standard Rush	Bacteria (o	nly) Sample Condition	
Sampler - UPS - Bus - Other:	Corrected Temp. °C	☐ Yes ☐ Yes ☐ No ☐ No	AD	Thermometer ID #140 Correction Factor -0.6°C		Yes No	Yes	

Page 42 of 45



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Observed Temp.

Corrected Temp. °C

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Yes Yes

REMARKS:

Turnaround Time:

Thermometer ID #140

Correction Factor -0.6°C

C-mar (Resuls

Standard

Bacteria (only) Sample Condition

Observed Temp. °C

Corrected Temp. °C

Cool Intact

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

CHECKED BY:

(Initials)

Sample Condition

☐ No ☐ No

Cool Intact

Sampler - UPS - Bus - Other:

Corrected Temp. °C

Page 43 of 45



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	ie: Afael		BILL TO	0			ANALYSI	S REQUEST	~
Project Manage	er: Bruce Bather		P.O. #:						
Address:			Company:						
City: 46bl) State:	DM Zip: 88240	Attn:						
Phone #:	Fax #:		Address:						
Project #:	Project (Owner:	City:						
Project Name:			State: Zip:						
Project Locatio	on: NEDU 4/3		Phone #:						
Sampler Name:			Fax #:						
FOR LAB USE ONLY		MATRIX		MPLING		3			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	OTHER: OTHER: ICE / COOL OTHER:	E TIME	RTE	set th			
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ampler - UPS - F	Bus - Other Corrected Tom		(Initials)			Rush	Cool I		

Thermometer ID #140 Correction Factor -0.6°C

Yes Yes No No

Corrected Temp. °C

Page 44 of 45



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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roject Name:	NEDU 613						Sta	te:		Zip:		1											-
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FOR LAB USE ONLY					MATRI	-	_	PRES	ERV.	SAM	PLING	1	000			- 1							
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rice. In no event shall Car	d Damages. Cardinal's liability and client's exclusive remedy fo g those for negligence and any other cause whatsoever shall rdinal be liable for incidental or consequental damages, includ g out of or related to the performance of services hereunder b	ding without I	waived u	husiness	de in writi	ng and r	eceive	d by Can	dinal wit	hin 30 days afte	completion of the	e applica	able									. J.	

alfiliates or successors arising out of or related to the perfo	rmance of services hereunder by Ca	ardinal, regardless of whether such claim is base	dise, or loss of profits incurred by	by client, its subsidiaries, and respect to the control of the con
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	8-78.24	Received by.		REMARKS:
	Time:			E-Mail Results
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact Yes Yes	(Initials)	Rush Cool Intact Observed Temp. °C Thermometer ID #140
FORW-000 R 3.5 06/05/24	-	No No	AP.	Correction Factor -0.6°C

Page 45 of 45



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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4245254	ample I.D. 5 0 -2' 25 0 -2' 25 0 -22'	G) (G)RAB OR (G)DE	+ - + #CONTAINERS	GROUNDWATER	WASTEWATER	NOS	OIL	SLUDGE	OTHER	ACID/BASE:	OTHER:	DATE \$/25	1:14 1:16 1:20		0	8728	atis							

allimates or successors arising out of or related to the perfo	ormance of services hereunder by Cardinal, rega	ardless of whether such claim is base	d upon any of the above stated r	reasons or otherwise			
Relinquished By:	Date: 9/28/24 Recei	ved By:	The same of the sa	Verbal Result: ☐ Ye	es 🗆 No	Add'l Phone #:	
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Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	Bacteria (only) Sample Condition	_
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	(Initials)	Thermometer ID #140 Correction Factor -0.6°C	Rush	☐ Cool Intact Observed Temp. °C ☐ Yes ☐ Yes	
PORIVI-000 K 3.3 00/03/24		140 140	PI	COTTECTION FACTOR -0.8 C		No No Corrected Temp. °C	



September 04, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU #613

Enclosed are the results of analyses for samples received by the laboratory on 08/29/24 16:50.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 08/29/2024
 Sampling Date:
 08/29/2024

 Reported:
 09/04/2024
 Sampling Type:
 Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: NEDU #613 Sample Received By: Alyssa Parras

Project Location: NONE GIVEN

Sample ID: B 40 @ 2' (H245292-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	200	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	210	105	200	7.49	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/29/2024 Reported: 09/04/2024

ma/ka

Project Name: NEDU #613
Project Number: NEDU #613

Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 41 @ 2' (H245292-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	200	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	210	105	200	7.49	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Applyzod By: 14

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Celeg D. Freene



08/29/2024

Soil

Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/29/2024 Sampling Date:
Reported: 09/04/2024 Sampling Type:

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: NEDU #613 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: B 42 @ 2' (H245292-03)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	200	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	210	105	200	7.49	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 43 @ 2' (H245292-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	200	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	210	105	200	7.49	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	117	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

ma/ka

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 44 @ 2' (H245292-05)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	200	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	210	105	200	7.49	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keine



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 45 @ 2' (H245292-06)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	200	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	210	105	200	7.49	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/29/2024

ma/ka

Reported: 09/04/2024
Project Name: NEDU #613
Project Number: NEDU #613

Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 46 @ 2' (H245292-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	200	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	210	105	200	7.49	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

Applyzod By: 14

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Celeg D. Freene



Analytical Results For:

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

Received: 08/29/2024 Reported: 09/04/2024 Project Name: NEDU #613

Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 47 @ 2' (H245292-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	< 0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	200	100	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	210	105	200	7.49	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	114 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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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: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 48 @ 2' (H245292-09)

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	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	92.7 % 48.2-1		4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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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: 08/29/2024
Reported: 09/04/2024
Project Name: NEDU #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 49 @ 2' (H245292-10)

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	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	< 0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/29/2024
Reported: 09/04/2024
Project Name: NEDU #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 50 @ 2' (H245292-11)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

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Celeg D. Freene



08/29/2024

Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/29/2024 Sampling Date:
Reported: 09/04/2024 Sampling Type:

ma/ka

Reported: 09/04/2024 Sampling Type: Soil
Project Name: NEDU #613 Sampling Condition: Cool & Intact

Project Number: NEDU #613 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: NONE GIVEN

Sample ID: B 51 @ 8' (H245292-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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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: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

ma/ka

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 52 @ 8' (H245292-13)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Applyzod By: 14

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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:
 08/29/2024

 Reported:
 09/04/2024

 Project Name:
 NEDU #613

Project Number: NEDU #613
Project Location: NONE GIVEN

ma/ka

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 53 @ 8' (H245292-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Applyzod By: 14

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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: 08/29/2024
Reported: 09/04/2024
Project Name: NEDIA #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 54 @ 8' (H245292-15)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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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: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 55 @ 8' (H245292-16)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/30/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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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: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

ma/ka

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 56 @ 8' (H245292-17)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 57 @ 8' (H245292-18)

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	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

Received: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 58 @ 8' (H245292-19)

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	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	78.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

Received: 08/29/2024 Reported: 09/04/2024 Project Name: NEDU #613

Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 59 @ 8' (H245292-20)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.96	98.1	2.00	7.12	
Toluene*	<0.050	0.050	08/31/2024	ND	1.99	99.4	2.00	7.34	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.99	99.5	2.00	7.44	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	6.15	102	6.00	7.00	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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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: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 60 @ 8' (H245292-21)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

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

(3/3) 333 2 1

mg/kg

 Received:
 08/29/2024
 Sampling Date:
 08/29/2024

 Reported:
 09/04/2024
 Sampling Type:
 Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: NEDU #613 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: B 61 @ 8' (H245292-22)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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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: 08/29/2024 Reported: 09/04/2024

ma/ka

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 62 @ 8' (H245292-23)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

Applyzod By: 14

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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: 08/29/2024 Sampling Date: 08/29/2024 Reported: 09/04/2024 Sampling Type: Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact Project Number: NEDU #613 Sample Received By: Alyssa Parras

Project Location: NONE GIVEN

Sample ID: B 63 @ 8' (H245292-24)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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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: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

ma/ka

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 64 @ 8' (H245292-25)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applyzod By: 14

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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: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 65 @ 8' (H245292-26)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						

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Celey D. Keine

Surrogate: 1-Chlorooctadecane

Celey D. Keene, Lab Director/Quality Manager

103 %

49.1-148



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/29/2024 Reported:

09/04/2024 Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN

mg/kg

Sampling Date:

08/29/2024

Sampling Type:

Soil

Sampling Condition: Cool & Intact Alyssa Parras

Sample Received By:

Sample ID: B 67 @ 8' (H245292-27)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Analyzed By: JH

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Notes and Definitions

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 30 of 33

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

Company Name	· Apron la 0								BI	LL TO)						Α	NAL	YSIS	S RE	EQUI	EST	 		\vdash
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FOR LAB USE ONLY		Τ.			MATE	RIX		PRE	SERV	. SA	MPL	ING			2										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATI		TIME	61	BTEX	1 110	1111	v								
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7	B44 @2'	10	1		1	-	-		1	1 /	-	12:06	\vdash	+	+	+	\dashv		1	+	_				T
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal be listed to the amount paid of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal be listed to the amount paid of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal be listed to the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal be listed to the amount paid to the applicable analyses. All claims including within 30 days after completion of the applicable analyses.

service. In no event shall Cardinal be liable for incidental or consi	equental damages, including with	rout minutation, business manufacture, to be and	was any of the above stated re	ageons or otherwise					
affiliates or successors arising out of or related to the performance	e of services hereunder by Cardin	nal, regardless of whether such claim is based	upon any or the above stated to	Verbal Result: ☐ Ye	s D No	Add'l Phone #:	1.9	3210520 9 v	nos Ican
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Sampler - UPS - Bus - Other: C	orrected Temp. °C	Yes Yes		Thermometer ID #140 Correction Factor -0.6°C			Yes No	Corrected Temp. °C	

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

Project Manager:

Habbs

Address:

Page 31 of 33

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Agents

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PLEASE NOTE: Liability and Damages. C	Cardinal's liability and client's exclusive remedy for	er any cla	im arisi	ng whet	her has	sed in co	ntract	or fort	shall h	e limited	to the amount n	aid by the client for	the											
inalyses. All claims including those for ne	egligence and any other cause whatsoever shall be le for incidental or consequental damages, includ	be deeme	ed waive	ved unles	ss made	e in writi	ing and	d recei	ved by	Cardinal	within 30 days at	ter completion of th	he applicat	ble										
	lated to the performance of services hereunder by	v Cardina	al, rega		f wheth									□ V ₂		No	Addil	Dhone	4.	-				7
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BILL TO

P.O. #: Company:

Page 32 of 33

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(575) 393-2326 FA	X (575) 393-24	76														
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Project Manager	Brucie	Baker			P.O. #:			1			-				.		
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analyses. All claims including	Damages. Cardinal's liability and clien those for negligence and any other cardinals.	use whatsoever shall be de	emed waiv	ved unless made in writing and	d received by Cardinal Athir	e amount paid by the client for to 30 days after completion of the	e applicab	le			-			-			
service. In no event shall Care affiliates or successors arising	dinal be liable for incidental or consequence of related to the performance of	uental damages, including v	ithout limit	tation, business interruptions.	loss of use, or loss of profits	incurred by client its subsidiar.	29							_			
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Relinquished By:	Time: 16:40 Date: 10:50 Time:	Received By:		1 > /	Jac ed	Jonan Backa		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact Yes Yes No No	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C	Standard Rush	Bacteria (on Cool Intact	es	o. °C

Page 33 of 33

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	e: Apache	-			٠.				BIL	LTO)			~		ANA	LYSI	S RE	QUES	ST			
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Relinquished By:	Date: Receive	d By:	Verbal Result:
Relinquished By:	Date: Receive	DOWO .	REMARKS: Yesenah adamo Baham son
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0. 0'C	Sample Condition Cool Intact Yes No No No	Daniel (only) cample condition



September 04, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU #613

Enclosed are the results of analyses for samples received by the laboratory on 08/29/24 16:50.

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

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 08/29/2024

 Reported:
 09/04/2024

 Project Name:
 NEDU #613

 Project Number:
 NEDU #613

Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 4 BGS 0-2' (H245293-01)

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	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	208	104	200	2.12	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	213	107	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

A I J D. ... 711

Cardinal Laboratories *=Accredited Analyte

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Celey & Keene



Analytical Results For:

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

Received: 08/29/2024
Reported: 09/04/2024
Project Name: NEDU #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 5 BGS 0-2' (H245293-02)

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	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	209	104	200	0.714	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	205	102	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	63.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Analytical Results For:

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

Received: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 6 BGS 0-2' (H245293-03)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	209	104	200	0.714	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	205	102	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 7 BGS 0-2' (H245293-04)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	209	104	200	0.714	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	205	102	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	78.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613

Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 8 BGS 0-2' (H245293-05)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13-	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2024	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	08/30/2024	ND	209	104	200	0.714	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	205	102	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	71.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

Analyzed By: JH

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Celey D. Keene



Analytical Results For:

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

 Received:
 08/29/2024

 Reported:
 09/04/2024

 Project Name:
 NEDU #613

Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 9 BGS 0-2' (H245293-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	209	104	200	0.714	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	205	102	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	63.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.6	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 10 BGS 0-2' (H245293-07)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	209	104	200	0.714	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	205	102	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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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: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 11 BGS 0-2' (H245293-08)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2024	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	08/30/2024	ND	209	104	200	0.714	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	205	102	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

Analyzed By: JH

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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: 08/29/2024

NEDU #613

Reported: 09/04/2024 Project Name: NEDU #613

Project Location: NONE GIVEN Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 12 BGS 0-2' (H245293-09)

Project Number:

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	209	104	200	0.714	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	205	102	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

Analyzed By: JH

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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: 08/29/2024 Reported: 09/04/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/29/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 13 BGS 0-2' (H245293-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2024	ND	1.90	95.0	2.00	5.30	
Toluene*	<0.050	0.050	08/31/2024	ND	1.84	92.2	2.00	5.68	
Ethylbenzene*	<0.050	0.050	08/31/2024	ND	1.85	92.6	2.00	5.69	
Total Xylenes*	<0.150	0.150	08/31/2024	ND	5.51	91.9	6.00	5.55	
Total BTEX	<0.300	0.300	08/31/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/30/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	209	104	200	0.714	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	205	102	200	3.83	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Celeg & Frence



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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Celeg D. Freene

Released to Imaging: 2/14/2025 10:53:50 AM

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

CARDINAL aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Yes Yes
No No

Corrected Temp. °C

101 East Marland, Hobbs, NM 88240

Observed Temp. °C/

Corrected Temp. °C

	(575) 393-2326 FAX (575) 393-24	76	BILL TO			ANAL	YSIS RE	QUEST	
Company Name:	Apache Bruce Baker								
Project Manager	: Bruce Baker		P.O. #:						
Address:	•		Company:						
city: Hobk	25 State://) M	Zip: 88240	Attn:						
Phone #:	Fax #:		Address:						
Project #:	Project Owner	:	City:						
	-		State: Zip:						
Project Name:	135174 613		Phone #:			-			
Project Location	1: NEDU 613 Jose Quesnile		Fax #:						
FOR LAB USE ONLY	JOSE CHAMP	MATRIX	PRESERV. SAM	PLING	Ha				
Lab I.D.	Sample I.D.	-(G)RAB OR(C)OMB -# CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL C	TIME	BTEV	1 1			
FIRM DAY	w4 8450-21	C 11 1	1 8/29	9:42	HHH				
2	W & BGS 0-2'	C 1 1	/ /	9:44	HHH				
345	WE BGS 0-2'	C 1 /	/	9:46					
Ū	W7 BG50-2'	() '	/	9:50					
5	W8BBS0-21	$C \mid I \mid I$		9:52					
(0	w9 BG50-21	C 1 1	'	9:54					
Ť	W10 B680-2'	C 1 1		8:56					
8	WUB \$50-2'	$C \mid I \mid I$, ,	8:38					
9	W12 BG50-2'			10:00					
10	and Damages. Cardinal's liability and client's exclusive remedy for	r any claim arising whether based in co	ntract or tort, shall be limited to the amount	paid by the client for	r the				
v All alaima inch	uding those for negligence and any other cause whatsoever		the least of use or lose of profits incurred						
service. In no event shall affiliates or successors a Relinquished	rising out of or related to the performance of services hereunder b	y Cardinal, regardless of whether such	claim is based upon any of the above state	Verbal Re	esult:	□ No Add	'I Phone #: ail address:	ja 3210526	gno11.6
Relinquished	By: Time:	Moudo Received By:		L Bala REMARK	s are emailed. Ple ss: / 1884/a/ -Moi/ Resu	115	,		lition
-	Observed Temp. °	C O C Sample Co	ndition CHECKED BY:	Turnarou	nd Time: St	andard 🗂	Bacteria (Cool Inta	only) Sample Cond act Observed	Temp. °C

Thermometer ID #140

Correction Factor -0.6°C

(Initials)

Cool Intact

Yes Yes



September 05, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU #613

Enclosed are the results of analyses for samples received by the laboratory on 08/30/24 16:54.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 08/30/2024
Reported: 09/05/2024
Project Name: NEDU #613
Project Number: NEDU #613

NEDU #613 NONE GIVEN Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 14 BGS 0-8' (H245323-01)

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.19	109	2.00	0.826	
Toluene*	<0.050	0.050	09/04/2024	ND	2.23	111	2.00	0.974	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.22	111	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	6.82	114	6.00	0.603	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/03/2024	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	09/03/2024	ND	208	104	200	2.75	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	233	117	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 15 BGS 0-8' (H245323-02)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150 0.150		09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/03/2024	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	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 08/30/2024
Reported: 09/05/2024
Project Name: NEDU #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 16 BGS 0-8' (H245323-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050 0.050		09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150 0.150		09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/03/2024	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	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 17 BGS 0-8' (H245323-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	9/04/2024 ND		131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	09/03/2024	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	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 18 BGS 0-8' (H245323-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300 0.300 09/04/2024 NE		ND					
Surrogate: 4-Bromofluorobenzene (PID	131 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/03/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	PRO >C28-C36 <10.0 10.0 09/03/2024		ND						
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	18						

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 19 BGS 0-8' (H245323-06)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050 0.050		09/04/2024 ND		2.70	135	2.00	14.0	
Total Xylenes*	<0.150 0.150		09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/03/2024	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	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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

Analytical Results For:

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

Received: 08/30/2024 Sampling Date: 08/30/2024 Reported: 09/05/2024 Sampling Type: Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact Sample Received By: Project Number: NEDU #613 Alyssa Parras

Project Location: NONE GIVEN

Sample ID: W 20 BGS 0-8' (H245323-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
tal BTEX <0.300 0.300		0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID 138		% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/03/2024	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	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0 10.0		09/03/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 21 BGS 0-8' (H245323-08)

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	enzene* <0.050 0.050 09/04/2024		ND	2.70	135	2.00	14.0		
Total Xylenes*	<0.150	0.150	09/04/2024	09/04/2024 ND		131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID 122 %		% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 22 BGS 0-8' (H245323-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150 0.150		09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	131	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

 Received:
 08/30/2024
 Sampling Date:
 08/30/2024

 Reported:
 09/05/2024
 Sampling Type:
 Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: NEDU #613 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: NONE GIVEN

Sample ID: W 23 BGS 0-8' (H245323-10)

RTFY 8021R

Result <0.050 <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 09/04/2024	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050			ND	2.42				
	0.050			2.42	121	2.00	11.2	
<0.050		09/04/2024	ND	2.48	124	2.00	12.5	
	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
<0.300	0.300	09/04/2024	ND					
130	% 71.5-13	4						
mg	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
464	16.0	09/03/2024	ND	400	100	400	7.69	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
<10.0	10.0	09/03/2024	ND					
100	% 48.2-13	4						
119	% 49.1-14	8						
	<0.150 <0.300 130 9 mg/ Result 464 mg/ Result <10.0 <10.0 1000	<0.150 0.150 <0.300 0.300 130	<0.150	<0.150 09/04/2024 ND 130 % 71.5-134 T1.5-134 Analyzed By: HM Result Reporting Limit Analyzed Method Blank 464 16.0 09/03/2024 ND Result Reporting Limit Analyzed Method Blank <10.0	<0.150	< 0.150 09/04/2024 ND 7.85 131 < 0.300 09/04/2024 ND 7.85 131 130 % 71.5-134 Megy Transport of Mark Megy Transport of	<0.150	<0.150

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Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
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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Company Name:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Yes Yes
No No

Page 13 of 13

Released to Imaging: 2/14/2025 10:53:50 AM

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

Project Manage	r. Bruce Boleer		,	r.o. #.	*	-		2							-			
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Phone #:	Fax #:	13.4	1	Address:												*		
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	n: DEDa 613			Phone #:						~							-	
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Sampler Name:	3650 00000		MATRIX	PRESE	RV. SA	MPLING												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL R	OTHER:		2	BTEY	147 PH									
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PLEASE NOTE: Liability analyses. All claims inclu	and Damages. Cardinal's liability and client's exclusive rer iding those for negligence and any other cause whatsoeve	r shall be deemed waived unle	ess made in writing a	nd received by Car	dal within 30 day	after completion of the client its subsidia	the applicaries,	able						•				
service. In no event shall	iding those for negligence and any other cause whatsoeve Cardinal be liable for incidental or consequental damager ising out of or related to the performance of services here	under by Cardinal, regardless	of whether such clair	n is based upon ar	ny of the above stat		W 1000		е Г	No	Add'l	Phone	#:	<	20106	-00	0 1/4	91
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Correction Factor -0.6°C

(Initials)

Cool Intact

Corrected Temp. °C



September 05, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU #613

Enclosed are the results of analyses for samples received by the laboratory on 08/30/24 16:54.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 08/30/2024
Reported: 09/05/2024
Project Name: NEDU #613
Project Number: NEDU #613

Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 66 @ 8' (H245324-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	133	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celeg & Kreene

S-04



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: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613 Project Number: NEDU #613 Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: NONE GIVEN

ma/ka

Sample ID: B 68 @ 8' (H245324-02)

RTFY 8021R

31EX 8021B	mg	/кд	Analyzed By: JH						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	142	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 69 @ 8' (H245324-03)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 70 @ 8' (H245324-04)

BTEX 8021B	mg	/kg	Analyzed By: JH						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	136	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 08/30/2024

 Reported:
 09/05/2024

 Project Name:
 NEDU #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 71 @ 8' (H245324-05)

BTEX 8021B	mg,	/kg	Analyzed By: JH						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	136	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/30/2024 Sampling Date: 08/30/2024 Reported: 09/05/2024 Sampling Type: Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact Sample Received By: Project Number: NEDU #613 Alyssa Parras

Project Location: NONE GIVEN

Sample ID: B 19 @ 4' (H245324-06)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	129	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 20 @ 4' (H245324-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	129 9	% 71.5-13	4						
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	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 21 @ 4' (H245324-08)

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	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	< 0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	18						

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Analytical Results For:

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

(5/5) 555 = ...

 Received:
 08/30/2024
 Sampling Date:
 08/30/2024

 Reported:
 09/05/2024
 Sampling Type:
 Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: NEDU #613 Sample Received By: Alyssa Parras

Project Location: NONE GIVEN

Sample ID: B 9 @ 4' (H245324-09)

TEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	137	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 12 of 12

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

Company Name	Franche	0.0	BILL TO						ANAL	YSIS	REG	QUES				-
Project Manage	Freehe Bak		P.O. #:													
Address:	p. L. Crap		Company:													
City: Hobb	State 1) w	Zip: 88220	Attn:	× 1								13.0		,		
Phone #:	Fax #:	1 7.	Address:	5- Jan 18- 18- 18- 18- 18- 18- 18- 18- 18- 18-		μ										
Project #:	Project Own	er:	City:													
Project Name:			State: Zip:						- ,							
	n. 12400 1013		Phone #:				-					-		- 2		
Sampler Name:	n: DEDU 613 Sosi Querel		Fax #:													
FOR LAB USE ONLY	305C CACO CO	MATRIX	PRESERV. SAMP	PLING												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	C1.	BTEX	EXTTO								=	
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service. In no event shall	ding those for negligence and any other cause whatsoever shall Cardinal be liable for incidental or consequental damages, inclusing out of or related to the performance of services hereunder	iding without limitation, business interruption by Cardinal, regardless of whether such c	ons, loss of use, or loss of profits incurred by laim is based upon any of the above stated re					7 11-	A 44"	Dhono	#. 1			^-)	\neg
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† Cardin I can of the apt verbal changes. Please email changes to celey.keem ?cardinal absnm.com



September 05, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU #613

Enclosed are the results of analyses for samples received by the laboratory on 08/30/24 16:51.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 08/30/2024

 Reported:
 09/05/2024

 Project Name:
 NEDU #613

Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 24 BGS 0-8' (H245325-01)

BTEX 8021B

DIEX 0021B	ilig	/ Kg	Analyzeu by: Jn						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	134	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613 Project Number: NEDU #613 NONE GIVEN

mg/kg

Project Location:

Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 25 BGS 0-4' (H245325-02)

BTEX 8021B

DILX OUZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2024	ND	2.42	121	2.00	11.2	
Toluene*	<0.050	0.050	09/04/2024	ND	2.48	124	2.00	12.5	
Ethylbenzene*	<0.050	0.050	09/04/2024	ND	2.70	135	2.00	14.0	
Total Xylenes*	<0.150	0.150	09/04/2024	ND	7.85	131	6.00	15.8	
Total BTEX	<0.300	0.300	09/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	131	% 71.5-13	4						
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	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	222	111	200	1.31	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	230	115	200	5.95	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

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

Received: 08/30/2024 Reported: 09/05/2024

Project Name: NEDU #613 Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 26 BGS 0-4' (H245325-03)

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	09/03/2024	ND	1.89	94.5	2.00	1.96	
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43	
Total BTEX	<0.300	0.300	09/03/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	203	101	200	3.55	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	205	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	69.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/30/2024 Reported:

09/05/2024 Project Name: NEDU #613 Project Number: NEDU #613

Project Location: NONE GIVEN Sampling Date: 08/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 27 BGS 0-4' (H245325-04)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96	
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43	
Total BTEX	<0.300	0.300	09/03/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
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	09/03/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	203	101	200	3.55	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	205	102	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celeg D. Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Bruce Bake-		BILL TO		ANIA				
Address:	*.	P.O. #:		ANALYSIS REC	ANALYSIS REQUEST			
City: Hobbs State Om Zip: 88.	212	Company:						
	240	Attn:						
Project News Project Owner:		Address:						
Project Name:		City:						
amples New 2013		State: Zip:						
Project Name: Project Location: PEDU 6/3 ampler Name: Some Reserved.		Phone #:						
	MATRIX	Fax #: PRESERV. SAMPLING						
Lab I.D. Sample I D		PRESERV. SAMPLING						
	TER		1 1					
(6) RAB OR (C) # CONTAINING GROUNDING 100 P.	WASTEWATER SOIL DIL SLUDGE	OL SE	1 X K					
21 5325	WASTEM SOIL OIL SLUDGE	ACID/BASE: ICE / COOL OTHER:	376					
7 629 56750-8	SLU	DATE TIME	0 8 3					
2 W25 BBSO-4'		8/30 2106	1					
y w26 BGSO-4'		2118						
w27 DG50-4'		2:20						
		4:12						
NOTE: Liability and De-								
NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether be all claims including those for negligence and any other cause whatsoever shall be deemed waked unless may be used to be a consequental damages, including without limitation, business arising out of or related to the performance of services hereunder by Cardinal, regardless of whether the consequence of services hereunder by Cardinal, regardless of whether the consequence of services hereunder by Cardinal, regardless of whether the consequence of t	pased in contract or to							
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Time:		Verhal Regult.	☐ Yes ☐ No	Add'l Phone #:				
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Time:		REMARKS:	Yesen a Loo	Playar Book pm. 1	our Tour			
ed By: (Circle One) Observed Temp °C		5-11	oll Rescots					
r - UPS - Bus - Other: Corrected Temp. °C Sample Cool	e Condition	CHECKED BY: Turnaround Tim						



September 13, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU #613

Enclosed are the results of analyses for samples received by the laboratory on 09/12/24 16:16.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/12/2024 Sampling Date: 09/12/2024
Reported: 09/13/2024 Sampling Type: Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: NEDU #613 Sample Received By: Alyssa Parras

A ... - b ... - d D. .. 711

Project Location: NONE GIVEN

Sample ID: B 6 @ 4' (H245557-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	09/13/2024	ND	400	100	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	09/13/2024	ND	212	106	200	3.60	QM-07
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	62.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 09/12/2024 Reported: 09/13/2024

mg/kg

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 72 @ 1' (H245557-02)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/13/2024	ND	400	100	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	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/13/2024
Project Name: NEDIJ #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

ma/ka

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 73 (H245557-03)

RTFY 8021R

BIEX 8021B	mg	/ кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/13/2024	ND	400	100	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	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/13/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

ma/ka

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 45 @ 5' (H245557-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	09/13/2024	ND	400	100	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	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	71.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 09/12/2024
Reported: 09/13/2024
Project Name: NEDU #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 46 @ 5' (H245557-05)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	09/13/2024	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

Analyzed By: JH

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Celey D. Kreine



Analytical Results For:

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

Received: 09/12/2024 Reported: 09/13/2024 Project Name: NEDU #613

Project Number: NEDU #613 Project Location: NONE GIVEN Sampling Date: 09/12/2024

Sampling Type: Soil Sampling Condition:

Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 47 @ 5' (H245557-06)

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	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	09/13/2024	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

Received: 09/12/2024 Reported: 09/13/2024

ma/ka

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 48 @ 5' (H245557-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	09/13/2024	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene



Analytical Results For:

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

Received: 09/12/2024
Reported: 09/13/2024
Project Name: NEDI #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 49 @ 5' (H245557-08)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	09/13/2024	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

Analyzed By: JH

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Celey D. Keine



Analytical Results For:

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

 Received:
 09/12/2024

 Reported:
 09/13/2024

 Project Name:
 NEDU #613

 Project Number:
 NEDU #613

Project Location: NONE GIVEN

ma/ka

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 50 @ 4' (H245557-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	09/13/2024	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keine



Analytical Results For:

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

Received: 09/12/2024 Reported: 09/13/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

ma/ka

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 1 @ 6' (H245557-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	09/13/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 09/12/2024 Sampling Date: 09/12/2024
Reported: 09/13/2024 Sampling Type: Soil

Reported: 09/13/2024 Sampling Type: Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact

Project Number: NEDU #613 Sample Received By: Alyssa Parras

Project Location: NONE GIVEN

Sample ID: B 55 @ 9' (H245557-11)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	< 0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/13/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	71.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

 Received:
 09/12/2024

 Reported:
 09/13/2024

 Project Name:
 NEDU #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 58 @ 9' (H245557-12)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	< 0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/13/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

 Received:
 09/12/2024

 Reported:
 09/13/2024

 Project Name:
 NEDU #613

 Project Number:
 NEDU #613

Project Location: NONE GIVEN

mg/kg

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 59 @ 9' (H245557-13)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/13/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	75.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

Analyzed By: JH

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Celey D. Keine



Analytical Results For:

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

 Received:
 09/12/2024

 Reported:
 09/13/2024

 Project Name:
 NEDU #613

Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: B 64 @ 9' (H245557-14)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	09/13/2024	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	73.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 09/12/2024 Reported: 09/13/2024

Project Name: NEDU #613 Project Number: NEDU #613 Sampling Date: 09/12/2024

Sampling Type: Soil Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: NONE GIVEN

mg/kg

Sample ID: W 28 BGS 2-4' (H245557-15)

BTEX 8021B

DILX OUZID	ıııg,	Ng .	Allulyzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/13/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



Analytical Results For:

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

Received: 09/12/2024 Reported: 09/13/2024

Project Name: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 29 BGS 2-4' (H245557-16)

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	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/13/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	18						

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Analytical Results For:

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

Received: 09/12/2024 Reported: 09/13/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

mg/kg

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 30 BGS 2-5' (H245557-17)

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/13/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

Analyzed By: JH

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Celey D. Keene



Analytical Results For:

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

Received: 09/12/2024 Reported: 09/13/2024 Project Name: NEDU #613

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 21 PCS 4-E' (U24EEE7-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	656	16.0	09/13/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	163 %	6 48.2-13	4						

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Celeg & Freene

Surrogate: 1-Chlorooctadecane

Celey D. Keene, Lab Director/Quality Manager

189 %

49.1-148



Analytical Results For:

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

Received: 09/12/2024 Reported: 09/13/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: W 32 BGS 8-9' (H245557-19)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/13/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	84.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/12/2024

Reported: 09/13/2024 Project Name: NEDU #613 Project Number: NEDU #613

Project Location: NONE GIVEN Sampling Date: 09/12/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: W 33 BGS 8-9' (H245557-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2024	ND	2.07	104	2.00	8.10	
Toluene*	<0.050	0.050	09/13/2024	ND	2.01	100	2.00	8.80	
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.02	101	2.00	8.65	
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.04	101	6.00	9.03	
Total BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/13/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	212	106	200	3.60	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	200	99.9	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					
Surrogate: 1-Chlorooctane	76.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

ecovery.

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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Page 23 of 25

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Apache								E	BILL 7	TO			2 1			ΑΝΔ	LYSI	S RE	OHES	T		
Project Manager: Bruce Bake-							P.O.	#:							Т		1	T	ZOLO		T	T
Address:							Com	pany:		7 7		1			1		1			77		
City: Hobbs State www	Zi	p:8	824	10			Attn															
Phone #: Fax #:								ess:							:							١.,
Project #: Project Own	ner:						City:	033.											-	-		
Project Name:																					17	
Project Location: NEX 613 Sampler Name: Sulid Rivera				-			State		Zip:		-											
Sampler Name: Sillia Ribana								ie #:														
FOR LAB USE ONLY	_	Т		MA	TRIY	_	ax #	RESER	/ 6	AMPL	INO											
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Lab I.D. Sample I.D.	80	# CONTAINERS	GROUNDWATER				ú	4					X	1								-
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4245357	(G)RAB	00	SROI WAS	SOIL	ŎĖ.	SLUDGE	ACID/BASE:	ICE / COOL	DAT	-		61	S	9								
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4 34505'	C	1		1				1			:36		+	+H								
5 1346 051	C			1							1:24	+	+	-H								
6 047 05'	1	6		1		+					128	+	+	-H								
7 1348 05'	C	1		1				1		6	1:30	+	+	-H								
8 B49 es!	10	1)				1			1:32	\mathbb{H}	+	+							-	
9 13004'	C		1	1				1			134	+	+	H				-	-			
EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for places. All claims including those for negligence and any other cause what he were shall be	C			1				1			ALAC	-	-	1								

Relinquished By:	Date: 4/1/24 Received By:		Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address: \$98210520 gma) 1,0
Relinquished By:	Date: Received By:		REMARKS: Yesen'a Lodiamon Backwar. Con
Delivered By: (Circle One)	Time:		Emoil Results 24 Hr
Sampler - UPS - Bus - Other:	Observed Temp. °C 7. 2 Sample Condition Cool Intact Corrected Temp. °C 1.6 No No	(Initials)	Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C

Page 24 of 25



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Drainet ##	Heach								B	ILL TO						ANA	LYSI	S RE	QUES	ST	-	
Project Manage	e: Avach er: Bruce Baker						P.	0. #:										T	T	T		
Address:							C	ompa	any:			1			-			-				
City: Hobs	State: Na	M Zi	p:8	824	60		At	tn:				1										
Phone #:	Fax #:	72					A	ddres	ss:			1						-				:
Project #:	Project Ow	ner:					Ci	ty:							2 4					, a		
Project Name:								ate:		Zip:												
roject Locatio	n: NEDU 613 Julio M. Rive							none	#-	Lip.						1		1 .2				
ampler Name:	Julio M. Rive	ra						x #:		8												
FOR LAB USE ONLY			1		MAT	RIX		_	SERV.	SAM	PLING	1		1	-							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME	61	BTEX	EXT 7P,								
12	R 5% @ 8'		1		3	+	+)	2/12	10008	1		-								
13	B55 09' B58 09' B59 09' B64 09'	6	1:			+			,	1	10:07	+	1	-								
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ASE NOTE: Liability and	Damages. Cardinal's liability and client's exclusive remedy for g those for negligence and any other cause whatenever shall it																7					

affiliates or successors arising out of or related to the perf	ormance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above state	by Client, its subsidiaries, ad reasons or otherwise,
1000	Date: 4/2/24 Received By:	Verbal Result: Yes No Add'I Phone #: All Results are emailed. Please provide Email address: 09 821032 0 gmon Ca
Relinguished By:	TA Time: 4:10 Oppours	L Bake, yesenia Lodionord Bock nm. com.
Tonigation By:	Date: 17-24 Received By:	REMARKS:
Delivered By: (Circle One)	1010	E-mal Restts 24hr
	Corrected Temp. °C (Initials)	Turnaround Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #140 □ Yes □ Yes
FORM-000 R 1:5 06/05/24	No No MO	Correction Factor -0.6°C No Corrected Temp. °C

Page 25 of 25



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Apache								B	ILL TO	9					ANA	LYSIS	S RE	QUF	ST		
Project Manager: Bruce Books						P	P.O. #	t:										T	Ť	T	
						c	omp	any:			1										
City: Hobbs State: NV	Zip	: 89	820	10		A	ttn:														
Phone #: Fax #:						A	ddre	ss:			1										
Project #: Project Own	er:					С	ity:													İ	
Project Name:							tate:		Zip:												
Project Location: NEOU (els ampler Name: Julyo MRNew							hone	#:	p.												
sampler Name: Julio MRIVEN	h						ax #:														
FOR LAB USE ONLY		П		MAT	RIX		- Digital Marie Control	SERV	. SA	MPLING	1			1						1	
Lab I.D. Sample I.D.	(G)RAB OR (C)O	# CONTAINERS	WASTEWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL (DATE	TIME	6/	75.50	XXXX	CETTO				-			
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16 W29 165 2-4"	c	1	1	t				1		8:32											
15 W 28 BGS 2-4' 16 W 29 BGS 2-4' 17 W 30 BGS 2-5' 18 W 31 BGS 4-5' 19 W 32 BGS 8-9'	10	i	-	1				1		9138											
19 139 80000	1	1	+	1	+			1		9:40											
70 W 33 B Gs 8-9'	(1		1	-	+		1		10:06	Ш	1									
70 m 33 m 32 8 4 1	14	+		1		-		1		10:12	1	1		1	. 2						
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ASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for a lyses. All claims including those for negligence and any other cause whateourer shall be	ny claim a deemed w										0.00								2000		

	Relinquished By: Date: 7/12 vReceived By:	easons or otherwise. Verbal Result: Yes No Add'l Phone #: 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Chilli Mina Time: (III)	All Results are emailed. Please provide Email address:
6	Relinquished By: Date: Q:12:24 Received By:	REMARKS: , Yesenia Ladiona Bealinm. Com
	Time:	E-avoil Results 24hr
	Sampler - UPS - Bus - Other: Observed Temp. °C Corrected Temp. °C Sample Condition Cool Intact (Initials) Corrected Temp. °C	Turnaround Time: Standard Bacteriá (only) Sample Condition Cool Intact Observed Temp. °C
ı	FORM-000 R 3.3 00/03/24	Correction Factor -0.6°C Yes Yes
	Card hal sernot accept verbal changes. Please email ch	nanges to celor keep a@rardinallabsnm.com



September 18, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NEDU #613

Enclosed are the results of analyses for samples received by the laboratory on 09/17/24 16:59.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/17/2024 Reported: 09/18/2024

Project Name: NEDU #613
Project Number: NEDU #613
Project Location: NONE GIVEN

Sampling Date: 09/17/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 45 @ 6' (H245658-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: HM Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Oualifier Analyte Result 400 Chloride 192 16.0 09/18/2024 ND 416 104 0.00

Sample ID: B 49 @ 6' (H245658-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/18/2024	ND	416	104	400	0.00	

Sample ID: W 31 BGS 4-6' (H245658-03)

Chioride, SM4500CI-B	mg,	кд	Anaiyze	а ву: нм					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/18/2024	ND	416	104	400	0.00	

A .. . l. d D. .. 1154

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



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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Celeg D. Freene

Page 4 of

CHAIN-OF-CUSTODY AND ANAL YSIS REQUEST

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

Company Name	Apache							L	BILL TO					ANA	LYSI	S RE	QUE	ST		
Project Manage	er: Bruce Baker						P.C). #:						T	1.	T	T	T		T
Address:							Cor	npany:	*		7					Terror				
City: Hbk	State Da	Zij	o: 🏋	824	0		Attr													
Phone #:	Fax #:						Add	lress:	1 11											-
Project #:	Project Own	ner:					City				1.				1					
Project Name:			,				Sta		Zip:											
Project Location	n: NEPU 613 Sose Quesade				-			ne #:	Zip.									1 .		
Sampler Name:	Tax Quality						Fax				-	1								
FOR LAB USE ONLY	See Co Castr	\top	П		MATR	IX	_	PRESER	V. SAI	MPLING			8							
		Ė	1		-						1	1	~							
		000	RS	GROUNDWATER								-								
Lab I.D.	Sample I.D.	OR	# CONTAINERS	VAT	SOIL	7		OL SE												
		8AB	ÈN C	STEV		SLUDGE	ER	ACID/BASE ICE / COOL			>									
H245058		(G)RAB) #	WAS	SOIL	SLU	OTH	ACID/BA	DATE	TIME	0									
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	Damages. Cardinal's liability and client's exclusive remedy for																			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin; 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal; repartless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 9(17/14) Received	By:	Verbal Result: □ Yes □ No Add'l Phone #:
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Jose Kusah	Time: 1959 (M)	xuus.	L. Baker, yes en a had amond Back nm: Com
Relinquished By:	Date: Received	1 By:	REMARKS:
	Time:	• •	2 n 1) . (k · · · · ·
	illie.		C-NEW Lesal #3 24
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:		Cool Intact (Initials)	Rush Cool Intact Observed Temp. °C
	350	Yes Yes	Thermometer ID #140 Yes Yes
FORWI-000 K 3.3 06/03/24	t 01:1		No No Corrected Temp. °C



September 10, 2024

BRUCE BAKER APACHE CORP - HOBBS 2350 W. MARLAND BLVD.

RE: NEDU #613

HOBBS, NM 88240

Enclosed are the results of analyses for samples received by the laboratory on 09/09/24 10:12.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/09/2024 Sampling Date: 09/09/2024

Reported: 09/10/2024 Sampling Type: Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact Project Number: TOPSOIL BACKGROUND Sample Received By: Shalyn Rodriguez

Project Location: NONE GIVEN

Sample ID: BG 1 (H245426-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2024	ND	1.74	86.8	2.00	2.33	
Toluene*	<0.050	0.050	09/09/2024	ND	1.68	84.1	2.00	3.19	
Ethylbenzene*	<0.050	0.050	09/09/2024	ND	1.69	84.4	2.00	3.41	
Total Xylenes*	<0.150	0.150	09/09/2024	ND	5.04	84.0	6.00	3.49	
Total BTEX	<0.300	0.300	09/09/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/09/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	209	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	205	103	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/09/2024 Sampling Date: 09/09/2024

Reported: 09/10/2024 Sampling Type: Soil

Project Name: NEDU #613 Sampling Condition: Cool & Intact
Project Number: TOPSOIL BACKGROUND Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: BG 2 (H245426-02)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2024	ND	1.74	86.8	2.00	2.33	
Toluene*	<0.050	0.050	09/09/2024	ND	1.68	84.1	2.00	3.19	
Ethylbenzene*	<0.050	0.050	09/09/2024	ND	1.69	84.4	2.00	3.41	
Total Xylenes*	<0.150	0.150	09/09/2024	ND	5.04	84.0	6.00	3.49	
Total BTEX	<0.300	0.300	09/09/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/09/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/10/2024	ND	209	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/10/2024	ND	205	103	200	2.51	
EXT DRO >C28-C36	<10.0	10.0	09/10/2024	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: A CO C \ . C		BILL TO	ANALYSIS REQUEST	-
Company Name: Apache Project Manager: Bruce Baker		P.O. #:		
Address:		Company:		
City: Habbs State:NA	(Zip: 88240	Attn:		
Phone #: Fax #:		Address:		
Project Owner	r:	City:		
Project Name: Top Soil Back Groun	ed NEDU 613	State: Zip:		
Project Location:		Phone #:		
Sampler Name: Julia M. River	Ch	Fax #:		2 - 8 -
FOR LAB USE ONLY	. WATRIA	PRESERV. SAMPLING		
Lab I.D. Sample I.D. #245420 1	# CONTAINERS GROUNDWATER WASTEWATER OIL	TIME TIME OTHER: ACID/BASE: 00 / / / 00		

service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

affiliates or successors arising out of or related to the perform	Date: / / Received By:	Verbal Result: Yes No Add'l Phone #: 10 820 50 man
Relinguished By:	Date: Neceived by.	All Results are emailed. Please provide Email address:
Chili Vin	Time: 1012 Shodkiguly	L. Baker; yesenia La Diamond Back NM. Com
Relinquished By:	Date: Received By:	REMARKS:
iterriquismod by:		E-Wall Results
	Time:	Criedin
Delivered By: (Circle One)	Observed Temp. °C	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
	Cool Intact (Initials)	Thermometer ID #140 Yes Yes
Sampler - UPS - Bus - Other:	Corrected Temp. % 32 Yes Yes No No	Correction Factor -0.6°C / 2 4 H TS No No Corrected Temp. °C
FORM-00! R 3.5 08/05/24	+ Conding connet accent werbal changes Negaci erail c	hanges to celev keene@cardinallabsnm.com

Page 5 of !



SLO Information and Reclamation Summary Report

An archeological survey was conducted prior to delineation and excavation of the release site in accordance with the SLO Cultural Properties Protection Rule. The release area is inside the Apache Corporation enrolled acreage for the LPC and SDL habitat. CEHMM representatives were contacted for approval to conduct remediation of the release site in accordance with the conservation plan.

Once the excavation was backfilled the disturbed area prepared and reseeded in accordance with the approved revegetation and noxious weed plan. The growth will be monitor in accordance with the approved revegetation and noxious weed plan.

Attachments: Coversheet, CEHMM email, Revegetation and Noxious weed plan, and Photos.



Stephanie Garcia Richard, Commissioner of Public Lands State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

Exhibit Type (select one)

(if applicable)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

From: Matt Mathis
To: Baker, Larry

Cc: Ryan Schmidt; Emily Wirth

Subject: [EXTERNAL] RE: Upcoming Remediation NEDU 348 and NEDU 613

Date: Thursday, August 15, 2024 5:07:09 PM

Attachments: image003.png

image004.png image005.png

This Message Is From an External Sender

DO NOT CLICK on links or attachments unless you know the content is safe and relevant to Apache business.

Report Suspicious

Hi Larry,

I do not see any issues or potential impacts with either of these projects from a CCAA standpoint. Please move forward with your remediation.

If you do not mind me asking, who do you use for your reseed work? My Environmental Services team provides that type of service. It is separate from the CCAA program. If you are interested let me know and we can talk in more detail. Thanks, have a great day!

Matt Mathis

Deputy Director 505 N. Main St., Carlsbad, NM 88220

Office: (575)885-3700 Cell: (575)706-7476



From: Baker, Larry < Larry.Baker@apachecorp.com>

Sent: Tuesday, August 13, 2024 8:08 AM **To:** Matt Mathis <matt.mathis@cehmm.org>

Subject: FW: Upcoming Remediation NEDU 348 and NEDU 613

You don't often get email from larry.baker@apachecorp.com. Learn why this is important

Matt,

I have two remediation scheduled and the NEDU 613 is on SLO and they have requested that you guys are okay with us conducting the remediations. Thanks

LARRY BRUCE BAKER, RSO

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

From: Baker, Larry

Sent: Tuesday, August 13, 2024 9:05 AM

To: Ryan Schmidt < ryan.schmidt@cehmm.org >

Subject: FW: Upcoming Remediation NEDU 348 and NEDU 613

Ryan,

Is it okay to proceed these remediations?

LARRY BRUCE BAKER, RSO

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

From: Baker, Larry

Sent: Tuesday, July 9, 2024 12:58 PM

To: Ryan Schmidt < ryan.schmidt@cehmm.org >

Subject: Upcoming Remediation NEDU 348 and NEDU 613

Ryan,

Attached are the KMZ for two upcoming remediation for your review and approval. Please let me know if you have any questions or wish to discuss. Thanks and have a great 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

APACHE CORPORATION

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

<u>ApacheCorp.com</u> | <u>LinkedIn</u> | <u>Facebook</u> | <u>Twitter</u> | <u>StockTwits</u> | <u>YouTube</u>

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Revegetation And Noxious Weed Plan

Revegetation Plan:

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

Noxious Weed Plan:

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





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

QUESTIONS

Action 395808

QUESTIONS

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	395808
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2407444539			
Incident Name	NAPP2407444539 NEDU 613 INJECTION LINE @ 0			
Incident Type	Produced Water Release			
Incident Status	Reclamation Report Received			

Location of Release Source					
Please answer all the questions in this group.					
Site Name	NEDU 613 INJECTION LINE				
Date Release Discovered	03/07/2024				
Surface Owner	State				

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

Nature and Volume of Release					
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.					
Crude Oil Released (bbls) Details	Not answered.				
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 100 BBL Recovered: 0 BBL Lost: 100 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 395808

QUESTI	ONS (continued)
Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID:
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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 s	
The source of the release has been stopped The impacted area has been secured to protect human health and the	True
environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Larry Baker Title: Sr Environmemtal Tech Email: larry.baker@apachecorp.com Date: 03/14/2024

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QUESTIONS, Page 3

Action 395808

QUESTIONS (continued)

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	395808
	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 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Between 1 and 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 pro-	ovided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil conta	amination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each	ch, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	21200	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	533	
GRO+DRO (EPA SW-846 Method 8015M)	385	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	08/01/2024	
On what date will (or did) the final sampling or liner inspection occur	08/09/2024	
On what date will (or was) the remediation complete(d)	09/02/2024	
What is the estimated surface area (in square feet) that will be reclaimed	18500	
What is the estimated volume (in cubic yards) that will be reclaimed	2176	
What is the estimated surface area (in square feet) that will be remediated	18500	
What is the estimated volume (in cubic yards) that will be remediated	2176	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 395808

QUESTIONS (continued)

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	395808
	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 off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	SUNDANCE SERVICES, INC [fKJ1600527371]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

I hereby agree and sign off to the above statement

Name: Larry Baker
Title: Sr Environmental Tech
Email: larry.baker@apachecorp.com
Date: 06/04/2024

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

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QUESTIONS, Page 5

Action 395808

QUESTIONS (continued)

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	395808
	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 395808

QUESTIONS (continued)

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	395808
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	381954
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/12/2024
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	2000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	14600
What was the total volume (cubic yards) remediated	2740
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	20000
What was the total volume (in cubic yards) reclaimed	2740
Summarize any additional remediation activities not included by answers (above)	The release was excavated to depths of 2 to 9 feet. All samples were below table one standards for release less than 50 feet to groundwater. All excavated soil was hauled to an OCD approved facility. The excavation was backfilled with clean imported topsoil to ground surface and contoured to the surrounding area. The disturbed area was reseeded in accordance with the approved revegetation and noxious weed plan.

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: 10/25/2024
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Operator:

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QUESTIONS, Page 7

Action 395808

QUESTIONS (continued)

OGRID:

APACHE CORPORATION	873	
303 Veterans Airpark Ln Midland, TX 79705	Action Number: 395808	
,	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	20000	
What was the total volume of replacement material (in cubic yards) for this site	2740	
	of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 over must include a top layer, which is either the background thickness of topsoil or one foot of suitable material	
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)	09/21/2024	
Summarize any additional reclamation activities not included by answers (above)	The disturbed area was reseeded in accordance with the approved revegetation and noxious weed plan.	
	reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form nt field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13	
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 release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report	ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or tially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed	
I hereby agree and sign off to the above statement	Name: Larry Baker Title: Sr Environmental Tech Email: larry.baker@apachecorp.com Date: 10/25/2024	

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QUESTIONS, Page 8

Action 395808

QUESTIONS (continued)

Operator:	OGRID:
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303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	395808
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report		
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.		
Requesting a restoration complete approval with this submission	No	
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.		

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CONDITIONS

Action 395808

CONDITIONS

Operator:	OGRID:
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303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	395808
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

E		Condition	Condition Date
	nvelez	Remediation closure and reclamation report approved, release resolved.	2/14/2025