

Closure Report

March 27, 2024

Re: WBDU 110

Case nAPP2400824944

On 12/26/2023 a release occurred due to stuffing box failure. The release area (GPS: 32.50102, -103.16052) is located north of Eunice, New Mexico in unit letter P section 4 township 21S range 37E. A groundwater search was conducted utilizing data from NMOSE, USGS, and direct measure from a SB (32.49932, -103.15306) conducted in 2021. The nearest well suggest that groundwater beneath the release is 58 feet.

The release on the lease pad (11,600 ft²) was lightly scraped to remove the oil stain. The pasture area (400 ft²) was excavated to a depth of 1 foot. All excavated material (72 yards) was hauled to an OCD approved disposal facility. 5-point bottom and wall composites samples were collected not to exceed 200 square feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. The area on the lease pad was backfilled with clean imported caliche to restore the pad. The pasture area was backfilled with clean imported to ground surface and contoured to the surrounding area. The pasture area was reseeded in consultation with the surface landowner.

Apache Corporation has completed remediation to table one standards for releases 51-100 feet to groundwater and reclaimed the pasture in accordance with 19.15.29 NMAC. Apache respectfully request closure of event nAPP2400824944.

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

Submitted by.

Environmental Specialist Sr. larry.baker@apachecorp.com

Cell# 432-250-8384

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Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

This information must be provided to the appropriate district office no tales than 50 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release?	58(ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas not on an exploration, development, production, or storage site?	✓ Yes ☐ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
 ✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wel ✓ Field data ✓ Data table of soil contaminant concentration data ✓ Doubt to water determination 	ts.

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

Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release

Boring or excavation logs

✓ Topographic/Aerial maps

✓ Photographs including date and GIS information

✓ Laboratory data including chain of custody

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District RP		
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I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	occ does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Larry Baker	Title: Environmental Specialist Sr.
Signature: Larry Baker	Date: 3/28/2024
email: larry.baker@apachecorp.com	Telephone: 432-250-8384
OCD Only	
Received by:	Date:

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Closure

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

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

✓ A scaled site and sampling diagram as described in 19.15.29.	11 NMAC							
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District officust be notified 2 days prior to liner inspection)								
☐ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)							
Description of remediation activities								
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in							
Printed Name: Larry Baker	Title: Environmental Specialist Sr.							
Signature: Larry Baker	Date: 3/28/2024							
Signature: Larry Baker email: larry.baker@apachecorp.com	Telephone: 432-250-8384							
OCD Only								
Received by:	Date:							
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.							
Closure Approved by:	Date:							
Printed Name:	Title:							





USGS Hom Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Groundwater

✓ New Mexico

∨ G0

Click to hide News Bulletins

- Explore the NEW USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

322937103094501

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local

Minimum number of levels = 1

Lea County, New Mexico

aquifer.

Hydrologic Unit Code 13070007

Save file of selected sites to local disk for future upload

Latitude 32°29'49", Longitude 103°09'45" NAD27

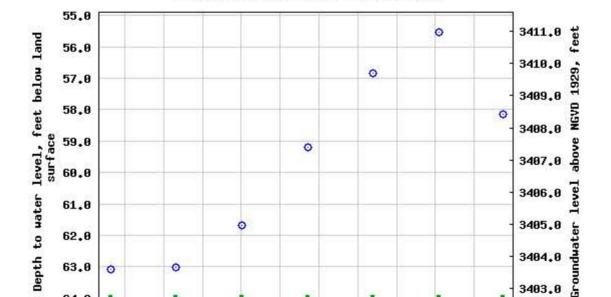
Land-surface elevation 3,466.60 feet above NGVD29 The depth of the well is 90 feet below land surface.

USGS 322937103094501 21S.37E.09.241211

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

Output formats Table of data Tab-separated data Graph of data Reselect period

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USGS 322937103094501 215.37E.09.241211

Available data for this site Groundwater: Field measurements

- Period of approved data

1967 1970 1973 1976 1979 1982 1985 1988 1991 1994 1997

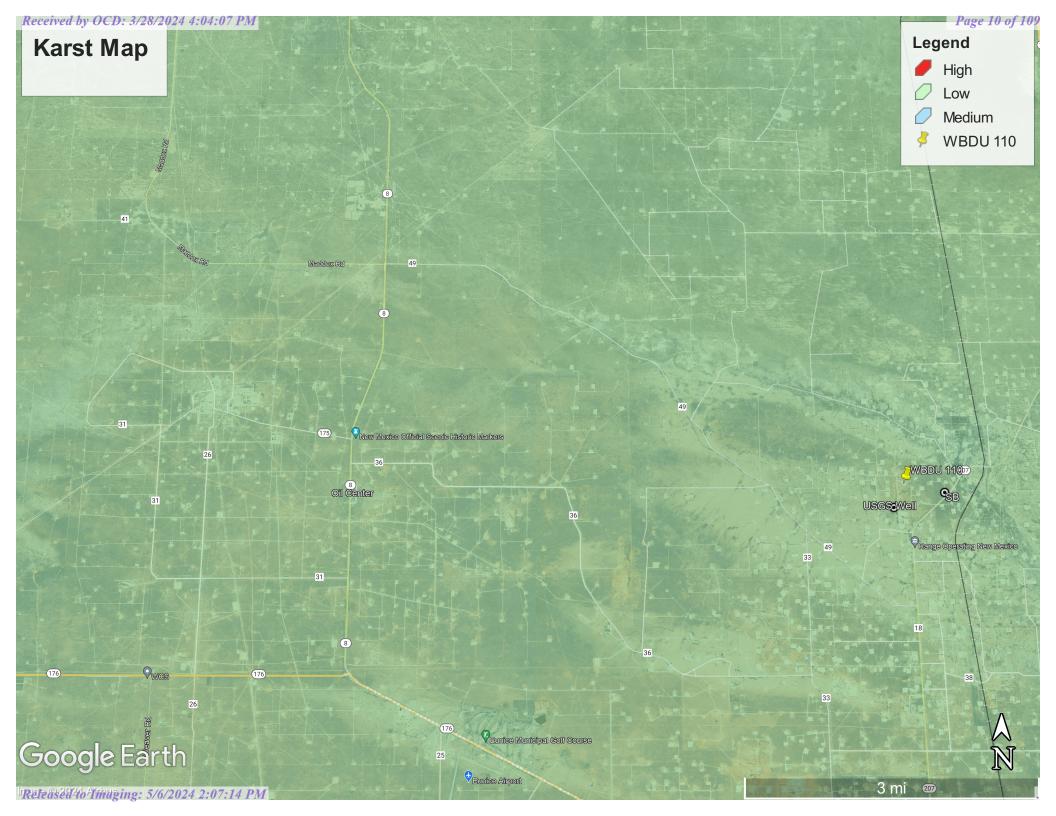
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Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

BORING RECORD																	
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Open in Map Viewer Modify Map 2 SPage 9 of 109 Arecelsed by OCD: 3/28/2024 4:04:07 PM ood Hazard Layer (NFHL) ☐ Details ☐ Basemap XQ 1 About Content Legend NFHL Cross-Sections Flood Hazard Zones 1% Annual Chance Flood Hazard Regulatory Floodway Special Floodway Area of Undetermined Flood Hazard 0.2% Annual Chance Flood Hazard Future Conditions 1% Annual Chance Flood Hazard Area with Reduced Risk Due to Levee Area with Risk Due to Levee 3466 ft Zone D Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA Released to Imaging: 5/6/2024 2:07:14 PM Juse





Walls "W"

WBDU 110 Wall Summary TOTAL BTEX (mg/kg) <0.300 EXT DRO C28-C36 (mg/kg TOTAL TPH C6-C36 (mg/kg) <10.0 LAB ID NUMBER SAMPLE DEPTH SAMPLE TYPE COMP SAMPLE DATE TOLUENE (mg/kg) <0.050 DRO C10-C28 (mg/kg (mg/kg) <0.050 (mg/kg) <0.150 3/18/24 W1 WALL H241393-39 <0.050 <10.0 <10.0 96 W2 WALL W3 WALL W4 BGS <0.050 <0.050 <0.050 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 128 32 32 3/18/24 3/18/24 3/18/24 <0.050 <0.050 <0.050 <0.150 <0.150 <0.150 <0.300 <0.300 <0.300 H241393-40 H241393-41 COMP <0.050 <0.050 <0.050 H2413296-42 3/18/24 <0.050 <0.150 <0.300 <10.0 <10.0 16 W5 BGS H2413296-43 <0.050 <0.050 <10.0 <10.0

WBDU 110 Floor Summary

							Floor Summary							
SAMPLE ID	LAB ID	SAMPLE DEPTH	SAMPLE TYPE	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	EXT DRO C28-C36 (mg/kg)	TOTAL TPH C6-C36 (mg/kg)	CHLORIDE
B1 FLOOR	H241369-01	DEPIR	COMP	3/15/24	<0.050	<0.050	<0.050	(mg/kg) <0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432
B2 FLOOR	H241369-02		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1150
B3 FLOOR	H241369-03		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
B4 FLOOR	H241369-04		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1360
B5 FLOOR	H241369-05		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
B6 FLOOR	H241369-06		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
B7 FLOOR	H241369-07		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
B8 FLOOR	H241369-08		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
B9 FLOOR	H241369-09		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B10 FLOOR	H241369-10		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
B11 FLOOR	H241369-11		COMP	3/15/24	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48
B12 FLOOR	H241369-12		COMP	3/15/24	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	18
B13 FLOOR	H241369-13		COMP	3/15/24	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48
B14 FLOOR	H241369-14		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.5	<10.0	11.5	288
B15 FLOOR	H241369-15		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80
B16 FLOOR	H241369-16		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96
B17 FLOOR	H241369-17		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
B18 FLOOR	H241369-18		COMP	3/15/24	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	128
B19 FLOOR	H241369-19		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B20FLOOR	H241369-20		COMP	3/15/24	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	128
B21FLOOR	H241396-01		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
B22FLOOR	H241396-02		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B23FLOOR	H241396-03		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
B24FLOOR	H241396-04		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B25FLOOR	H241396-05		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
B26FLOOR	H241396-06		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64
B27FLOOR	H241396-07		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	48	<10.0	<10.0	64
B28FLOOR	H241396-08		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
B29FLOOR	H241396-09		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
B30FLOOR	H241396-10 H241396-11		COMP	3/18/24 3/18/24	<0.050 <0.050	<0.050	<0.050 <0.050	<0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	128
B31FLOOR B32FLOOR	H241396-11 H241396-12		COMP	3/18/24	<0.050	<0.050 <0.050	<0.050	<0.150 <0.150	<0.300	<10.0	<10.0	<10.0	<10.0	432 112
B33FLOOR	H241396-12		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
B34FLOOR	H241396-13		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
B35FLOOR	H241396-15		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	784
B36FLOOR	H241396-16		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1260
B37FLOOR	H241396-17		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	528
B38FLOOR	H241396-18		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	880
B39FLOOR	H241396-19		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
B40FLOOR	H241396-20		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	768
B41FLOOR	H241396-21		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	720
B42FLOOR	H241396-22		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.4	<10.0	11.4	464
B43FLOOR	H241396-23		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
B44FLOOR	H241396-24		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B45FLOOR	H241396-25		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B46FLOOR	H241396-26		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
B47FLOOR	H241396-27		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	816
B48FLOOR	H241396-28		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B49FLOOR	H241396-29		COMP	3/18/24	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	384
B50FLOOR	H241396-30		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	864
B51FLOOR	H241396-31		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	656
B52FLOOR	H241396-32		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
B53FLOOR	H241396-33		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	736
B54FLOOR	H241396-34		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64

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Received by OCD: 3/28/2024 4:04:07 PM

Walls "W"

B55FLOOR	H241396-35		COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
B56FLOOR	H241396-36		COMP	3/18/24	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	19.1	<10.0	19.1	192
B57FLOOR	H241396-37	1'	COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
B58FLOOR	H241396-38	1'	COMP	3/18/24	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32



WBDU 110 Sample Map



WBDU 110 Sample Map



March 21, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: WBDU #110

Enclosed are the results of analyses for samples received by the laboratory on 03/15/24 16:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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: 03/15/2024
Reported: 03/21/2024
Project Name: WBDU #110
Project Number: NONE GIVEN

Project Location: NONE GIVEN

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B 1 (H241369-01)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	03/18/2024	ND	432	108	400	3.64	
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	03/18/2024	ND	198	99.0	200	0.281	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	214	107	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 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:
 03/15/2024

 Reported:
 03/21/2024

 Project Name:
 WBDU #110

Project Name: WBDU #110
Project Number: NONE GIVEN
Project Location: NONE GIVEN

mg/kg

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B 2 (H241369-02)

BTEX 8021B

DIEX GOZID	11197	, kg	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 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	1150	16.0	03/18/2024	ND	432	108	400	3.64	
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	03/18/2024	ND	198	99.0	200	0.281	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	214	107	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.8	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110 Project Number: NONE GIVEN Project Location: NONE GIVEN

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: B 3 (H241369-03)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 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	416	16.0	03/18/2024	ND	432	108	400	3.64	
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	03/18/2024	ND	198	99.0	200	0.281	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	214	107	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	78.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.7	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110 Project Number: NONE GIVEN Project Location: NONE GIVEN

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: B 4 (H241369-04)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	1360	16.0	03/18/2024	ND	432	108	400	3.64	
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	03/18/2024	ND	198	99.0	200	0.281	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	214	107	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 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: 03/15/2024 Reported: 03/21/2024 WBDU #110

Project Name: Project Number: NONE GIVEN Project Location: NONE GIVEN

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: B 5 (H241369-05)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	304	16.0	03/18/2024	ND	432	108	400	3.64	
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	03/18/2024	ND	198	99.0	200	0.281	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	214	107	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110 Project Number: NONE GIVEN Project Location: NONE GIVEN

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: B 6 (H241369-06)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	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	304	16.0	03/18/2024	ND	432	108	400	3.64	
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	03/18/2024	ND	198	99.0	200	0.281	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	214	107	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110 Project Number: NONE GIVEN Project Location: NONE GIVEN

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: B 7 (H241369-07)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	6 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	368	16.0	03/18/2024	ND	432	108	400	3.64	
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	03/18/2024	ND	198	99.0	200	0.281	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	214	107	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 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:
 03/15/2024

 Reported:
 03/21/2024

 Project Name:
 WBDU #110

Project Name: WBDU #110
Project Number: NONE GIVEN
Project Location: NONE GIVEN

mg/kg

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B 8 (H241369-08)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	03/18/2024	ND	432	108	400	3.64	
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	03/18/2024	ND	198	99.0	200	0.281	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	214	107	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	68.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.6	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110
Project Number: NONE GIVEN
Project Location: NONE GIVEN

ma/ka

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B 9 (H241369-09)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	256	16.0	03/18/2024	ND	432	108	400	3.64	
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	03/18/2024	ND	198	99.0	200	0.281	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	214	107	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B 10 (H241369-10)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	48.0	16.0	03/18/2024	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	03/18/2024	ND	223	111	200	0.931	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	200	100	200	0.0235	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	74.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

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Celey D. Keine

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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110 Project Number: NONE GIVEN Project Location: NONE GIVEN Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: B 11 (H241369-11)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	48.0	16.0	03/18/2024	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	03/19/2024	ND	203	102	200	3.29	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	190	94.8	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.7	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110
Project Number: NONE GIVEN
Project Location: NONE GIVEN

ma/ka

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B 12 (H241369-12)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	48.0	16.0	03/18/2024	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	03/19/2024	ND	203	102	200	3.29	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	190	94.8	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.8	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keine

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:
 03/15/2024
 Sampling Date:
 03/15/2024

 Reported:
 03/21/2024
 Sampling Type:
 Soil

Project Name: WBDU #110 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: B 13 (H241369-13)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	48.0	16.0	03/18/2024	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	03/19/2024	ND	203	102	200	3.29	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	190	94.8	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110 Project Number: NONE GIVEN Project Location: NONE GIVEN Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: B 14 (H241369-14)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	03/18/2024	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	03/19/2024	ND	203	102	200	3.29	
DRO >C10-C28*	11.5	10.0	03/19/2024	ND	190	94.8	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.0	% 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

(575) 555 = 1

mg/kg

 Received:
 03/15/2024
 Sampling Date:
 03/15/2024

 Reported:
 03/21/2024
 Sampling Type:
 Soil

Project Name: WBDU #110 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: B 15 (H241369-15)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	80.0	16.0	03/18/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	202	101	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 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: 03/15/2024
Reported: 03/21/2024
Project Name: WRDIL #110

Project Name: WBDU #110
Project Number: NONE GIVEN
Project Location: NONE GIVEN

ma/ka

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B 16 (H241369-16)

RTFY 8021R

B1EX 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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	96.0	16.0	03/18/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	202	101	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110 Project Number: NONE GIVEN Project Location: NONE GIVEN

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: B 17 (H241369-17)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	224	16.0	03/18/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	202	101	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.6	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110 Project Number: NONE GIVEN Project Location: NONE GIVEN Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: B 18 (H241369-18)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	128	16.0	03/18/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	202	101	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.2	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110 Project Number: NONE GIVEN Project Location: NONE GIVEN Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: B 19 (H241369-19)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	128	16.0	03/18/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	202	101	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.2	% 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: 03/15/2024 Reported: 03/21/2024

Project Name: WBDU #110
Project Number: NONE GIVEN
Project Location: NONE GIVEN

ma/ka

Sampling Date: 03/15/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B 20 (H241369-20)

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	03/18/2024	ND	2.10	105	2.00	2.81	
Toluene*	<0.050	0.050	03/18/2024	ND	2.13	107	2.00	0.323	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.553	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.45	107	6.00	0.141	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	128	16.0	03/18/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2024	ND	206	103	200	2.69	
DRO >C10-C28*	<10.0	10.0	03/19/2024	ND	202	101	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	03/19/2024	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.8	% 49.1-14	8						

Applyzod By: 14

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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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

	Thermometer ID #140	es (minas)		Sampler - UPS - Bus - Other: Corrected Temp. °C
Bacteria (only) Sa	Turnaround Time: Standard	CHECKED BY:	1,700	Delivered By: (Circle One) Observed Temp. °C
	9-Mail Results	10	Add deleter control of the deleter o	Time:
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All Results are emailed. Please provide Email address: AD O dia moine back am flow Toron D. Tose O. Larry R.	All Results are emailed. Please provide Email address:	AIIR		Time: 414
Add'l Phone #:	Verhal Result: Yes No	ch claim is based. An any of the above stated reasons or otherwise	inder by Cardinal, regardless of whether su	Similates of successor, which out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based. Relinquished fiv.
	subsidiaries.	aptions, loss of use, or loss of profits incurred by client, its	including without limitation, business intern	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
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		IX PRESERV. SAMPLING	***************************************	
		Fax #:	cle.	Sampler Name: Jose Quade Co
		Phone #:		Project Location: WBDW 110
		State: Zip:		Project Name:
		Oly:	Wner:	Project #: Project Owner:
		Address:		
			State: NOM Zip: 88240	city: Hobbs state:
		Company:		Address:
		P.O. #:		Project Manager: Bruce Bake
ANALYSIS REQUEST		BILL TO		Company Name: Apche
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Hame: Apache Address: Fright Manage: Bruce Sales Fright Sample ID. S	☐ Yes ☐ Yes ☐ No ☐ No	os DA	Corrected Temp. °C	Sampler - UPS - Bus - Other:
BILL TO Address: Project Owner: State: Zip: Project Owner: City: State: Zip: Phone #: Fax #: Project Owner: State: Zip: Phone #: Fax #: State:	Standard Bacteria (only) Sa Rush Cool Intact	CHECKED BY:	*	Delivered By: (Circle One)
Bruce Bake State: NAM Zip: 88240 Attn: Fax #: Project Owner: City: State: Zip: Phone #: Fax #: State: Zip: Bli Sample I.D. Sample I.D. Sample I.D. GRANTRIX PRESERV. SAMP PRESERV. SAMP Address: Phone #: Fax #: State: Zip: Phone #: Fax #: State: Zip: Bli GRANTRIX PRESERV. SAMP PRESERV. SAMP Address: City: State: Zip: Phone #: Fax #: State: Zip: Phone #: Fax #: Sample I.D. Bli GRANTRIX PRESERV. SAMP P	-Moil Result		Time:	
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EXT TPH ANALYSIS		og and received by Cardinal waters by days elser company ones, loss of use, or loss of profits incurred by client, its such in its based. "Yn arry of the above stated reasons or claim is based."	rity other cause whatspewer shall be deemed warved unless made in write or consequental damages, including without limitation, business interrupt formance of services horeunder by Cardinal, regardless of whether such	service. In no event shall Cardinal be liable for incidental affiliates or successor, wising out of or related to the per
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		8		



March 26, 2024

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: WBDU #110

Enclosed are the results of analyses for samples received by the laboratory on 03/18/24 15:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received		
B 21	H241396-01	Soil	18-Mar-24 08:44	18-Mar-24 15:37		
B 22	H241396-02	Soil	18-Mar-24 08:46	18-Mar-24 15:37		
B 23	H241396-03	Soil	18-Mar-24 08:48	18-Mar-24 15:37		
B 24	H241396-04	Soil	18-Mar-24 08:50	18-Mar-24 15:37		
B 25	H241396-05	Soil	18-Mar-24 08:52	18-Mar-24 15:37		
B 26	H241396-06	Soil	18-Mar-24 08:54	18-Mar-24 15:37		
B 27	H241396-07	Soil	18-Mar-24 08:56	18-Mar-24 15:37		
B 28	H241396-08	Soil	18-Mar-24 08:58	18-Mar-24 15:37		
B 29	H241396-09	Soil	18-Mar-24 10:04	18-Mar-24 15:37		
В 30	H241396-10	Soil	18-Mar-24 10:06	18-Mar-24 15:37		
B 31	H241396-11	Soil	18-Mar-24 10:08	18-Mar-24 15:37		
B 32	H241396-12	Soil	18-Mar-24 10:10	18-Mar-24 15:37		
B 33	H241396-13	Soil	18-Mar-24 10:12	18-Mar-24 15:37		
B 34	H241396-14	Soil	18-Mar-24 10:14	18-Mar-24 15:37		
B 35	H241396-15	Soil	18-Mar-24 10:16	18-Mar-24 15:37		
B 36	H241396-16	Soil	18-Mar-24 10:22	18-Mar-24 15:37		
В 37	H241396-17	Soil	18-Mar-24 10:24	18-Mar-24 15:37		
B 38	H241396-18	Soil	18-Mar-24 10:28	18-Mar-24 15:37		
В 39	H241396-19	Soil	18-Mar-24 10:30	18-Mar-24 15:37		
B 40	H241396-20	Soil	18-Mar-24 10:32	18-Mar-24 15:37		
B 41	H241396-21	Soil	18-Mar-24 10:46	18-Mar-24 15:37		
B 42	H241396-22	Soil	18-Mar-24 10:48	18-Mar-24 15:37		
B 43	H241396-23	Soil	18-Mar-24 11:06	18-Mar-24 15:37		
B 44	H241396-24	Soil	18-Mar-24 11:08	18-Mar-24 15:37		
B 45	H241396-25	Soil	18-Mar-24 11:14	18-Mar-24 15:37		
B 46	H241396-26	Soil	18-Mar-24 11:16	18-Mar-24 15:37		
B 47	H241396-27	Soil	18-Mar-24 11:28	18-Mar-24 15:37		

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240		Project Number: Project Manager:		Reported: 26-Mar-24 16:54
В 48	H241396-28	Soil	18-Mar-24 11:30	18-Mar-24 15:37
B 49	H241396-29	Soil	18-Mar-24 11:32	18-Mar-24 15:37
B 50	H241396-30	Soil	18-Mar-24 11:34	18-Mar-24 15:37
B 51	H241396-31	Soil	18-Mar-24 12:44	18-Mar-24 15:37
B 52	H241396-32	Soil	18-Mar-24 12:46	18-Mar-24 15:37
B 53	H241396-33	Soil	18-Mar-24 12:54	18-Mar-24 15:37
B 54	H241396-34	Soil	18-Mar-24 12:56	18-Mar-24 15:37
B 55	H241396-35	Soil	18-Mar-24 13:06	18-Mar-24 15:37
B 56	H241396-36	Soil	18-Mar-24 13:08	18-Mar-24 15:37
B 57 @ 1'	H241396-37	Soil	18-Mar-24 13:16	18-Mar-24 15:37
B 58 @ 1'	H241396-38	Soil	18-Mar-24 13:18	18-Mar-24 15:37
W 1	H241396-39	Soil	18-Mar-24 14:10	18-Mar-24 15:37
W 2	H241396-40	Soil	18-Mar-24 14:12	18-Mar-24 15:37
W 3	H241396-41	Soil	18-Mar-24 14:14	18-Mar-24 15:37
W4 BGS 0-1'	H241396-42	Soil	18-Mar-24 14:16	18-Mar-24 15:37
W5 BGS 0-1'	H241396-43	Soil	18-Mar-24 14:18	18-Mar-24 15:37

03/26/24 - Client changed the sample IDs on -42 and -43 (see COC). This is the revised report and will replace the one sent on 03/22/24.

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Celey D. Keene



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 21 H241396-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds by I	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	4031917	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by GC 1	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			89.6 %	48.2	-134	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			93.6 %	49.1	-148	4031919	MS	19-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 22 H241396-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		102 %	71.5	-134	4031917	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1	-148	4031919	MS	19-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 23 H241396-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	224		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		104 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			95.4 %	48.2	-134	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	4031919	MS	19-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 24 H241396-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		103 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			98.6 %	48.2	-134	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	4031919	MS	19-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 25 H241396-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050	·	0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		103 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			96.3 %	48.2	-134	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	4031919	MS	19-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 26 H241396-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	ЈН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		103 %	71.5	-134	4031917	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			90.3 %	48.2	-134	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			95.8 %	49.1	-148	4031919	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 27 H241396-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	4031917	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			93.6 %	48.2	-134	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			96.1 %	49.1	-148	4031919	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 28 H241396-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		102 %	71.5	-134	4031917	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			95.1 %	48.2	-134	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			94.9 %	49.1	-148	4031919	MS	19-Mar-24	8015B	

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Celeg D. Keene



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 29 H241396-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		103 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			82.4 %	48.2	-134	4031919	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			85.0 %	49.1	-148	4031919	MS	19-Mar-24	8015B	

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Celey D. Keine



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 30 H241396-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		104 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctane			72.8 %	48.2	-134	4031919	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			76.0 %	49.1	-148	4031919	MS	20-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 31 H241396-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	432		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		104 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctane			81.1 %	48.2	-134	4031919	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			82.8 %	49.1	-148	4031919	MS	20-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 32 H241396-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		103 %	71.5	-134	4031917	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctane			77.7 %	48.2	-134	4031919	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			80.1 %	49.1	-148	4031919	MS	20-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 33 H241396-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	368		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		104 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctane			84.7 %	48.2	-134	4031919	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			87.0 %	49.1	-148	4031919	MS	20-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 34 H241396-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	304		16.0	mg/kg	4	4032024	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	ЈН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		103 %	71.5	-134	4031917	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031919	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctane			96.7 %	48.2	-134	4031919	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	4031919	MS	20-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 35 H241396-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	784		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		104 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			91.7 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			82.1 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 36 H241396-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	1260		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		104 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			87.9 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			78.3 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 37 H241396-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	528		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		104 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			85.9 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			79.6 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 38 H241396-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	880		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		103 %	71.5	-134	4031917	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			83.3 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			75.4 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 39 H241396-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	448		16.0	mg/kg	4	4032035	НМ	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031917	JН	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031917	ЈН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031917	ЈН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031917	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		104 %	71.5	-134	4031917	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			79.5 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			71.6 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 40 H241396-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	768		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		111 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			79.2 %	48.2-	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			71.5 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 41 H241396-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	720		16.0	mg/kg	4	4032035	НМ	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	ЈН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		110 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			80.6 %	48.2-	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			74.9 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 42 H241396-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	464		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
	D)		110 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	11.4		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			91.6 %	48.2-	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			83.6 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 43 H241396-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	ЈН	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		110 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			73.0 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			65.9 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celeg D. Keine



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 44 H241396-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		112 %	71.5	-134	4031918	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			77.7 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			73.1 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 45 H241396-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		108 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			80.4 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			71.9 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 46 H241396-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	336		16.0	mg/kg	4	4032035	НМ	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		107 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			81.9 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			72.9 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 47 H241396-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	816		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		110 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			85.5 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			78.5 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 48 H241396-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds h	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	1		111 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			69.2 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			63.5 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 49 H241396-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	384		16.0	mg/kg	4	4032035	НМ	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	ЈН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		111 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			83.2 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			74.9 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 50 H241396-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	864		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	ЈН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		112 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			82.2 %	48.2	-134	4031921	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			73.7 %	49.1	-148	4031921	MS	19-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 51 H241396-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	656		16.0	mg/kg	4	4032035	НМ	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctane			74.1 %	48.2	-134	4031921	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			66.8 %	49.1	-148	4031921	MS	20-Mar-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 52 H241396-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		109 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctane			81.3 %	48.2-	-134	4031921	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			73.2 %	49.1	-148	4031921	MS	20-Mar-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 53 H241396-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	736		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	ЈН	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	ЈН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		110 %	71.5	-134	4031918	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctane			87.0 %	48.2	-134	4031921	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			77.3 %	49.1	-148	4031921	MS	20-Mar-24	8015B	

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Celeg D. Keene



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 54 H241396-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032035	HM	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		110 %	71.5	-134	4031918	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031921	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctane			81.7 %	48.2	-134	4031921	MS	20-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			73.1 %	49.1	-148	4031921	MS	20-Mar-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 55 H241396-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	288		16.0	mg/kg	4	4032022	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	ЈН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		111 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			78.1 %	48.2	-134	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			78.2 %	49.1	-148	4031922	MS	19-Mar-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 56 H241396-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	4032022	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		110 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
DRO >C10-C28*	19.1		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			80.8 %	48.2	-134	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			77.3 %	49.1	-148	4031922	MS	19-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 57 @ 1' H241396-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4032022	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	ЈН	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		112 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			71.0 %	48.2	-134	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			66.8 %	49.1	-148	4031922	MS	19-Mar-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

B 58 @ 1' H241396-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4032022	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	ЈН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		108 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			90.5 %	48.2	-134	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			87.1 %	49.1	-148	4031922	MS	19-Mar-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

W 1 H241396-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	4032022	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031918	JН	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031918	ЈН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031918	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		111 %	71.5	-134	4031918	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			81.5 %	48.2	-134	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			76.5 %	49.1	-148	4031922	MS	19-Mar-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

W 2 H241396-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	4032022	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031938	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		93.0 %	71.5	-134	4031938	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			80.0 %	48.2-	-134	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			75.1 %	49.1	-148	4031922	MS	19-Mar-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

W 3 H241396-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4032022	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031938	JН	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		93.2 %	71.5	-134	4031938	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			83.8 %	48.2	-134	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			78.8 %	49.1	-148	4031922	MS	19-Mar-24	8015B	

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Celeg D. Keene



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

W4 BGS 0-1' H241396-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4032022	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031938	JН	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031938	JН	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		93.3 %	71.5	-134	4031938	ЈН	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			96.9 %	48.2	-134	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			92.8 %	49.1	-148	4031922	MS	19-Mar-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

W5 BGS 0-1' H241396-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	4032022	CT	20-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4031938	ЈН	20-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4031938	JH	20-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4031938	JН	20-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		93.2 %	71.5	-134	4031938	JH	20-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctane			91.0 %	48.2	-134	4031922	MS	19-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			86.1 %	49.1	-148	4031922	MS	19-Mar-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4032022 - 1:4 DI Water										
Blank (4032022-BLK1)				Prepared &	દે Analyzed:	20-Mar-24				
Chloride	ND	16.0	mg/kg							
LCS (4032022-BS1)				Prepared &	k Analyzed:	20-Mar-24				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4032022-BSD1)				Prepared &	k Analyzed:	20-Mar-24				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 4032024 - 1:4 DI Water										
Blank (4032024-BLK1)				Prepared &	k Analyzed:	20-Mar-24				
Chloride	ND	16.0	mg/kg							
LCS (4032024-BS1)				Prepared &	દે Analyzed:	20-Mar-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4032024-BSD1)				Prepared &	દે Analyzed:	20-Mar-24				
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 4032035 - 1:4 DI Water										
Blank (4032035-BLK1)				Prepared &	k Analyzed:	20-Mar-24				
Chloride	ND	16.0	mg/kg			·				
LCS (4032035-BS1)				Prepared &	દે Analyzed:	20-Mar-24	<u> </u>			
Chloride	448	16.0	mg/kg	400	·	112	80-120	·	·	·

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Celeg D. Keine



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Reported: 26-Mar-24 16:54

Fax To: (575) 393-2432

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 4032035 - 1:4 DI Water

LCS Dup (4032035-BSD1)				Prepared & Analyzed: 2	20-Mar-24			
Chloride	432	16.0	mg/kg	400	108	80-120	3.64	20

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Celeg D. Keene



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4031917 - Volatiles										
Blank (4031917-BLK1)				Prepared: 1	19-Mar-24 A	Analyzed: 2	20-Mar-24			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0517		mg/kg	0.0500		103	71.5-134			
LCS (4031917-BS1)				Prepared: 1	19-Mar-24 A	Analyzed: 2	20-Mar-24			
Benzene	2.11	0.050	mg/kg	2.00		106	82.8-130			
Toluene	2.10	0.050	mg/kg	2.00		105	86-128			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	85.9-128			
m,p-Xylene	4.16	0.100	mg/kg	4.00		104	89-129			
o-Xylene	2.00	0.050	mg/kg	2.00		99.9	86.1-125			
Total Xylenes	6.16	0.150	mg/kg	6.00		103	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	71.5-134			
LCS Dup (4031917-BSD1)				Prepared: 1	19-Mar-24 A	Analyzed: 2	20-Mar-24			
Benzene	2.12	0.050	mg/kg	2.00		106	82.8-130	0.485	15.8	
Toluene	2.12	0.050	mg/kg	2.00		106	86-128	0.860	15.9	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128	0.652	16	
m,p-Xylene	4.16	0.100	mg/kg	4.00		104	89-129	0.0314	16.2	
o-Xylene	2.01	0.050	mg/kg	2.00		100	86.1-125	0.399	16.7	
Total Xylenes	6.17	0.150	mg/kg	6.00		103	88.2-128	0.151	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	71.5-134			
Batch 4031918 - Volatiles										
Blank (4031918-BLK1)				Prepared:	19-Mar-24 A	Analyzed: 2	20-Mar-24			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Spike

Source

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4031918 - Volatiles										
Blank (4031918-BLK1)				Prepared: 1	9-Mar-24	Analyzed: 2	20-Mar-24			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0549		mg/kg	0.0500		110	71.5-134			
LCS (4031918-BS1)				Prepared: 1	9-Mar-24 A	Analyzed: 2	20-Mar-24			
Benzene	1.80	0.050	mg/kg	2.00		89.8	82.8-130			
Toluene	1.90	0.050	mg/kg	2.00		94.9	86-128			
Ethylbenzene	1.87	0.050	mg/kg	2.00		93.5	85.9-128			
m,p-Xylene	3.81	0.100	mg/kg	4.00		95.2	89-129			
o-Xylene	1.87	0.050	mg/kg	2.00		93.7	86.1-125			
Total Xylenes	5.68	0.150	mg/kg	6.00		94.7	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0507		mg/kg	0.0500		101	71.5-134			
LCS Dup (4031918-BSD1)				Prepared: 1	9-Mar-24	Analyzed: 2	20-Mar-24			
Benzene	1.88	0.050	mg/kg	2.00		94.0	82.8-130	4.52	15.8	
Toluene	1.96	0.050	mg/kg	2.00		98.0	86-128	3.14	15.9	
Ethylbenzene	1.93	0.050	mg/kg	2.00		96.3	85.9-128	2.93	16	
m,p-Xylene	3.93	0.100	mg/kg	4.00		98.2	89-129	3.12	16.2	
o-Xylene	1.93	0.050	mg/kg	2.00		96.4	86.1-125	2.88	16.7	
Total Xylenes	5.86	0.150	mg/kg	6.00		97.6	88.2-128	3.04	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0521		mg/kg	0.0500		104	71.5-134			
Batch 4031938 - Volatiles										
Blank (4031938-BLK1)				Prepared: 1	9-Mar-24	Analyzed: 2	20-Mar-24			
Benzene	ND	0.050	mg/kg							

Blank (4031938-BLK1)				Prepared: 19-Mar-24 Analyzed: 20-Mar-24
Benzene	ND	0.050	mg/kg	
Toluene	ND	0.050	mg/kg	
Ethylbenzene	ND	0.050	mg/kg	
Total Xylenes	ND	0.150	mg/kg	
Total BTEX	ND	0.300	mg/kg	
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500 93.4 71.5-134

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER
Fax To: (575) 393-2432

Reported: 26-Mar-24 16:54

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4031938 - Volatiles										
LCS (4031938-BS1)				Prepared: 1	9-Mar-24 A	Analyzed: 2	0-Mar-24			
Benzene	2.23	0.050	mg/kg	2.00		111	82.8-130			
Toluene	2.17	0.050	mg/kg	2.00		109	86-128			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	85.9-128			
m,p-Xylene	4.12	0.100	mg/kg	4.00		103	89-129			
o-Xylene	2.06	0.050	mg/kg	2.00		103	86.1-125			
Total Xylenes	6.18	0.150	mg/kg	6.00		103	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0468		mg/kg	0.0500		93.6	71.5-134			
LCS Dup (4031938-BSD1)				Prepared: 1	9-Mar-24 A	Analyzed: 2	0-Mar-24			
Benzene	2.21	0.050	mg/kg	2.00		110	82.8-130	0.835	15.8	
Toluene	2.16	0.050	mg/kg	2.00		108	86-128	0.683	15.9	
Ethylbenzene	2.11	0.050	mg/kg	2.00		106	85.9-128	0.436	16	
m,p-Xylene	4.08	0.100	mg/kg	4.00		102	89-129	0.898	16.2	
o-Xylene	2.06	0.050	mg/kg	2.00		103	86.1-125	0.327	16.7	
Total Xylenes	6.14	0.150	mg/kg	6.00		102	88.2-128	0.707	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0471		mg/kg	0.0500		94.2	71.5-134			

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Analytical Results For:

APACHE CORP - HOBBS 2350 W. MARLAND BLVD. HOBBS NM, 88240 Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Reported: 26-Mar-24 16:54

18.5

Fax To: (575) 393-2432

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4031919 - General Prep - Organics										

Blank (4031919-BLK1)				Prepared & Ana	ılyzed: 19-Mar-24	ļ			
GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	56.6		mg/kg	50.0	113	48.2-134			
Surrogate: 1-Chlorooctadecane	63.1		mg/kg	50.0	126	49.1-148			
LCS (4031919-BS1)				Prepared & Ana	ılyzed: 19-Mar-24	ļ			
GRO C6-C10	194	10.0	mg/kg	200	97.0	66.4-123			
DRO >C10-C28	207	10.0	mg/kg	200	103	66.5-118			
Total TPH C6-C28	401	10.0	mg/kg	400	100	77.6-123			
Surrogate: 1-Chlorooctane	58.6		mg/kg	50.0	117	48.2-134			
Surrogate: 1-Chlorooctadecane	65.3		mg/kg	50.0	131	49.1-148			
LCS Dup (4031919-BSD1)				Prepared & Ana	ılyzed: 19-Mar-24	ļ			
GRO C6-C10	198	10.0	mg/kg	200	99.2	66.4-123	2.19	17.7	
DRO >C10-C28	213	10.0	mg/kg	200	107	66.5-118	3.14	21	

Batch 4031921 - G	eneral Prep -	Organics
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Total TPH C6-C28

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Blank (4031921-BLK1)			Prepared & Analyzed: 19-Mar-24					
GRO C6-C10	ND	10.0	mg/kg					
DRO >C10-C28	ND	10.0	mg/kg					
EXT DRO >C28-C36	ND	10.0	mg/kg					
Surrogate: 1-Chlorooctane	55.2		mg/kg	50.0	110	48.2-134		
Surrogate: 1-Chlorooctadecane	52.4		mg/kg	50.0	105	49.1-148		

mg/kg

mg/kg

mg/kg

400

50.0

50.0

103

118

130

77.6-123

48.2-134

49.1-148

412

59.1

65.0

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%REC

Limits

66.4-123

66.5-118

77.6-123

48.2-134

49.1-148

107

108

107

103

107

RPD

Analytical Results For:

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

Analyte

GRO C6-C10

DRO >C10-C28

Total TPH C6-C28

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: WBDU #110
Project Number: NONE GIVEN
Project Manager: BRUCE BAKER

Reported: 26-Mar-24 16:54

RPD

Limit

Notes

Fax To: (575) 393-2432

Spike

Level

Source

Result

%REC

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

214

216

430

51.6

53.3

10.0

10.0

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

LCS (4031921-BS1)				Prepared & Anal	yzed: 19-Mar-2	4		
GRO C6-C10	199	10.0	mg/kg	200	99.6	66.4-123		
DRO >C10-C28	192	10.0	mg/kg	200	96.0	66.5-118		
Total TPH C6-C28	391	10.0	mg/kg	400	97.8	77.6-123		
Surrogate: 1-Chlorooctane	57.3		mg/kg	50.0	115	48.2-134		
Surrogate: 1-Chlorooctadecane	53.4		mg/kg	50.0	107	49.1-148		
LCS Dup (4031921-BSD1)				Prepared & Anal	yzed: 19-Mar-2	4		
GRO C6-C10	209	10.0	mg/kg	200	105	66.4-123	4.86	17.7
DRO >C10-C28	199	10.0	mg/kg	200	99.6	66.5-118	3.64	21
Total TPH C6-C28	408	10.0	mg/kg	400	102	77.6-123	4.27	18.5
Surrogate: 1-Chlorooctane	59.5		mg/kg	50.0	119	48.2-134		
Surrogate: 1-Chlorooctadecane	59.9		mg/kg	50.0	120	49.1-148		
Batch 4031922 - General Prep - Orga	nnics							
Blank (4031922-BLK1)				Prepared & Anal	yzed: 19-Mar-2	4		
GRO C6-C10	ND	10.0	mg/kg					
DRO >C10-C28	ND	10.0	mg/kg					
EXT DRO >C28-C36	ND	10.0	mg/kg					
	48.2		mg/kg	50.0	96.4	48.2-134		
Surrogate: 1-Chlorooctane								
Surrogate: 1-Chlorooctane Surrogate: 1-Chlorooctadecane	46.6		mg/kg	50.0	93.2	49.1-148		

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200

200

400

50.0

50.0

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%REC

Limits

RPD

Analytical Results For:

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

Analyte

Project: WBDU #110 Project Number: NONE GIVEN Project Manager: BRUCE BAKER

Fax To: (575) 393-2432

Spike

Level

Source

Result

%REC

Reported: 26-Mar-24 16:54

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

Batch 4031922 - General Prep - Orga	nnics								
LCS Dup (4031922-BSD1)				Prepared & Ana	lyzed: 19-Mar-24	1			
GRO C6-C10	187	10.0	mg/kg	200	93.4	66.4-123	13.5	17.7	
DRO >C10-C28	184	10.0	mg/kg	200	91.8	66.5-118	16.2	21	
Total TPH C6-C28	370	10.0	mg/kg	400	92.6	77.6-123	14.8	18.5	
Surrogate: 1-Chlorooctane	48.9		mg/kg	50.0	97.7	48.2-134			
Surrogate: 1-Chlorooctadecane	50.2		mg/kg	50.0	100	49.1-148			

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celey D. Keene

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East Maria	ARI abor	
and, Hobbs	DIN	
101 East Marland, Hobbs, NM 8824	PIPES	

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

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

Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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EASE NOTE: Liability and Damages. Cardinal's liability and o	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tool should be liability.	10:32		
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(575) 393-2326 FAX (575) 393-2476

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

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

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WBDU 110 Completed Remediation



WBDU 110 Completed Remediation



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

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

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

QUESTIONS

Action 327953

QUESTIONS

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	327953
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2400824944
Incident Name	NAPP2400824944 WBDU #110 @ 30-025-39494
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-39494] WEST BLINEBRY DRINKARD UNIT #110

Location of Release Source	
Please answer all the questions in this group.	
Site Name	WBDU #110
Date Release Discovered	12/26/2023
Surface Owner	Private

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	Cause: Equipment Failure Gasket Crude Oil Released: 3 BBL Recovered: 3 BBL Lost 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Gasket Produced Water Released: 13 BBL Recovered: 12 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**

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

QUESTIONS, Page 2

Action 327953

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	7 0, 1411 07 000
QUEST	IONS (continued)
Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873 Action Number: 327953 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	1
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
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	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
	Name: Larry Baker

Title: Sr Environmemtal Tech

Date: 01/08/2024

Email: larry.baker@apachecorp.com

I hereby agree and sign off to the above statement

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 327953

QUESTIONS (continued)

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	327953
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	U.S. Geological Survey	
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 1000 (ft.) and ½ (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 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	Between 1000 (ft.) and ½ (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	Yes	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be prov	vided 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 contain	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, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	1360	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	48	
GRO+DRO (EPA SW-846 Method 8015M)	48	
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 co which includes the anticipated timelines for beginning and completing the remediation.	ompleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC	
On what estimated date will the remediation commence	03/11/2024	
On what date will (or did) the final sampling or liner inspection occur	03/15/2024	
On what date will (or was) the remediation complete(d)	03/25/2024	
What is the estimated surface area (in square feet) that will be reclaimed	400	
What is the estimated volume (in cubic yards) that will be reclaimed	14	
What is the estimated surface area (in square feet) that will be remediated	12000	
What is the estimated volume (in cubic yards) that will be remediated	72	
These estimated dates and measurements are recognized to be the best guess or calculating	tion 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 adjust	isted 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.

District I

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

QUESTIONS, Page 4

Action 327953

QUESTIONS (continued)

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	327953
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(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 Environmemtal Tech Email: larry.baker@apachecorp.com

Date: 03/28/2024

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

QUESTIONS, Page 5

Action 327953

QUESTIONS ((continued)
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Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	327953
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

QUESTIONS, Page 6

Action 327953

QUESTIONS	(continued)

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	327953
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	322877	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/15/2024	
What was the (estimated) number of samples that were to be gathered	40	
What was the sampling surface area in square feet	8000	

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	12000			
What was the total volume (cubic yards) remediated	72			
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	400			
What was the total volume (in cubic yards) reclaimed	14			
Summarize any additional remediation activities not included by answers (above)	The lease pad was lightly scraped and the area in the pasture was excavated to a depth of 1 foot. All soil was hauled to an approved OCD disposal. The excavation was backfilled with clean imported caliche for the lease pad and clean imported topsoil for the pasture.			

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.

Name: Larry Baker
Title: Sr Environmemtal Tech
Email: larry.baker@apachecorp.com
Date: 03/28/2024

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

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

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

QUESTIONS, Page 7

Action 327953

QUESTIONS (continued)

Operator:	OGRID:	
APACHE CORPORATION	873	
303 Veterans Airpark Ln	Action Number:	
Midland, TX 79705	327953	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 327953

CONDITIONS

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	327953
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.	5/6/2024
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/6/2024