



303 Veterans Airpark Lane Midland, TX 79705

Closure Report

June 14, 2023

Re: Jim Camp WTL
Case nAPP229832296

On 10/12/2022 a release occurred due to a buried line failed. The release (GPS: 32.24117, -103.20868) is located south of Eunice, New Mexico in unit letter M section 6 township 24S range 37E. On 2/7/2023 to determine the depth of groundwater a soil bore (GPS: 32.241089, -103.208468) was advanced to a depth 110 feet and left open for 72 hours. The bore hole was gauged with no water present to a depth of 110 feet. A remediation plan was submitted and approved by OCD on 2/23/2023.

The release area around SP 1 was excavated to a depth of 10 feet. The rest of the release area was excavated to a depth of 4 feet. Final 5-point bottom and wall composites were collected in accordance with the approved remediation plan. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. All excavated material was hauled to an OCD approved disposal facility. SP 1 was backfilled with clean imported topsoil to 4 feet below ground surface. A 20-mil reinforced liner was placed at the bottom of the four feet excavation. The 4 feet excavation was backfilled with clean imported topsoil to ground surface and contoured to the surrounding area. The disturbed area was reseeded in consultation with the surface owner.

Apache Corporation has completed the remediation in accordance with the OCD approved remediation plan and respectfully request closure of event nAPP229832296.

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

Submitted by.

Larry Baker

Environmental Technician Sr. Staff

larry.baker@apachecorp.com

Cell# 432-250-8384

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Larry Baker Title: Environmental Tech Sr. Staff
 Signature: *Larry Baker* Date: 6/14/2023
 email: larry.baker@apachecorp.com Telephone: 432-818-1654

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: *Nelson Velez* Date: 09/15/2023
 Printed Name: Nelson Velez Title: Environmental Specialist - Adv

From: [Nobui, Jennifer, EMNRD](#)
To: [Baker, Larry](#)
Cc: [Harimon, Jocelyn, EMNRD](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 186064
Date: Monday, May 1, 2023 11:28:33 AM

Hi Bruce,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Baker, Larry <Larry.Baker@apachecorp.com>
Sent: Monday, May 1, 2023 10:26 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 186064

Ms. Nobui,

Apache Corporation will begin conducting final composite samples in accordance with the approved remediation plan at the Jim Camp WTL on 5/3/2023 at 11:00 a.m. MST. Thanks and have a good day.

BRUCE BAKER

ENVIRONMENTAL TECHNICIAN SR STAFF

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

APACHE CORPORATION

303 Veterans Airpark Lane
Midland, TX 79705

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

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, February 23, 2023 4:32 PM
To: Baker, Larry <Larry.Baker@apachecorp.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 186064

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2229832296, with the following conditions:

- **Remediation Plan Approved with Conditions. Variance for a liner is approved. Sidewall samples should be delineated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release, regardless of depth to groundwater.**

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

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

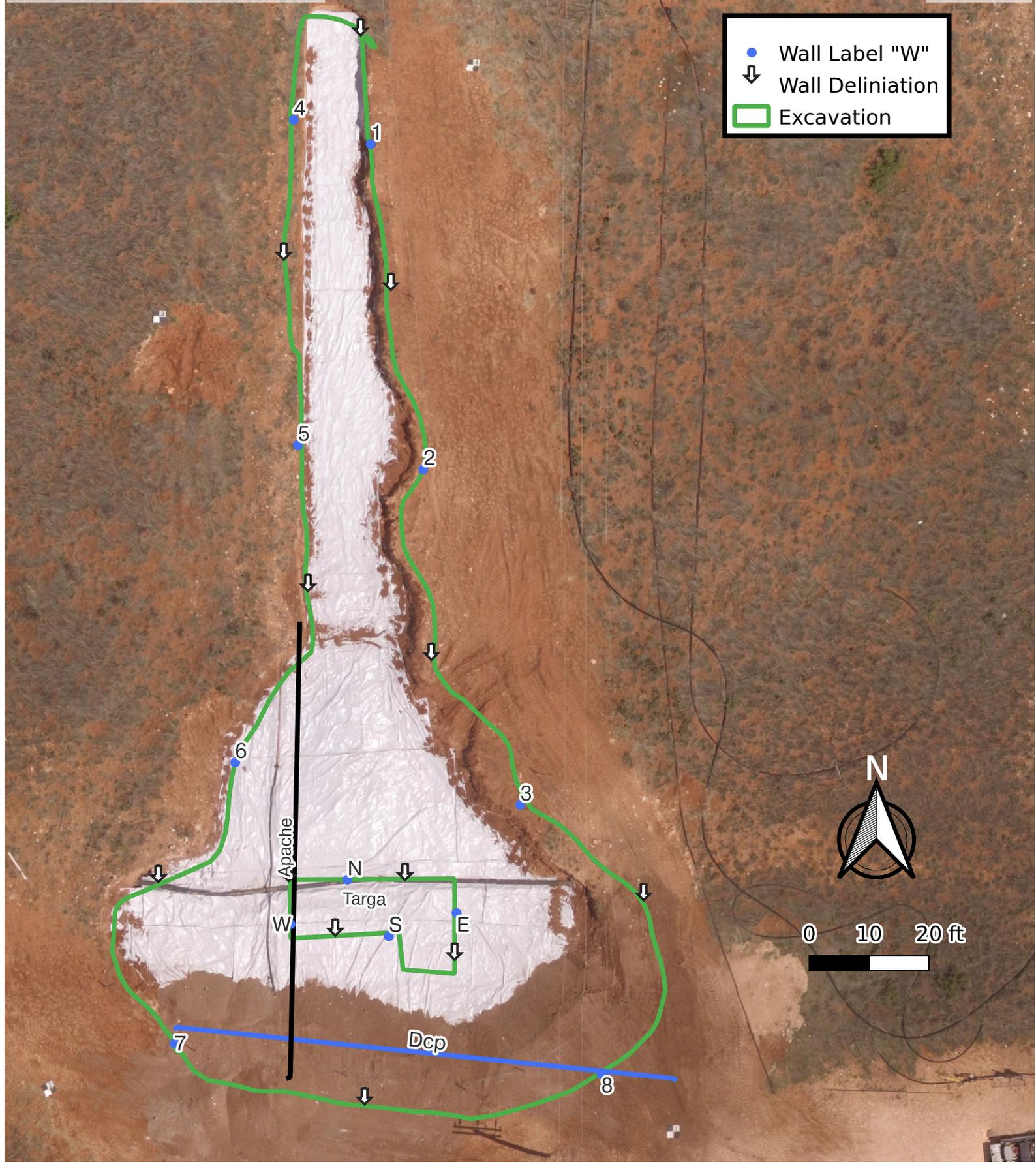
Thank you,
Jennifer Nobui
Environmental Specialist-Advanced
505-470-3407
Jennifer.Nobui@emnrd.nm.gov

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

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SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	SAMPLE TYPE	BENZENE	TOLUENE mg/ kg	ETHYL-BENZEN (mg/ kg)	TOTAL XYLENES mg/kg	TOTAL BTEX (mg/kg)	GRO C 6-C 10 (mg/kg)	DRO C 6-C 10 (mg/kg)	EXT DRO C 28- C36 (mg/kg)	TPH C6-c36 (mg/kg)	CHLORIDE (mg/kg)
W1 WALL	H232200-11	0-4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	592
W2 WALL	H232340-01	0-4'	05-03--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	624
W2 WALL	H232200-12	0-4'	05-10--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
W3 WALL	H232200-13	0-4'	05-03--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	672
W3 WALL	H232340-02	0-4'	05-10--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
W4 WALL	H232340-14	0-4'	05-03--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
W5 WALL	H232340-15	0-4'	05-03--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
W6 WALL	H232340-15	0-4'	05-03--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
W7 WALL	H232425-06	0-4'	05-10--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W8 WALL	H232425-07	0-4'	05-10--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W W WALL	H232340-04	4-10'	05-10-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	5920
W N WALL	H232408-01	4-10'	5-12-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.6	<10.0	13.6	7120

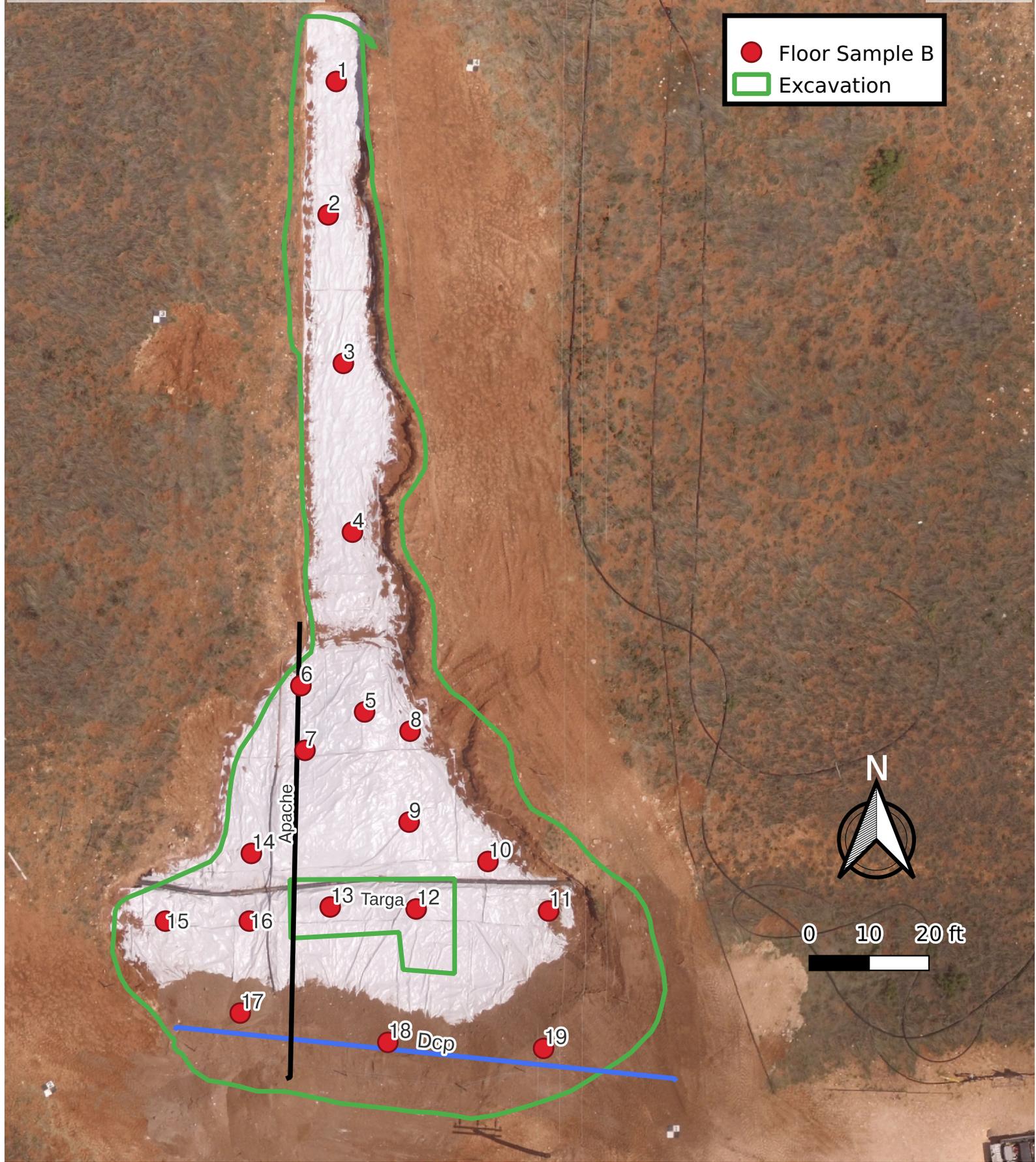
SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	SAMPLE TYPE	BENZENE	TOLUENE mg/ kg	ETHYL-BENZEN (mg/ kg)	TOTAL XYLENES mg/kg	TOTAL BTEX (mg/kg)	GRO C 6-C 10 (mg/kg)	DRO C 6-C 10 (mg/kg)	EXT DRO C 28- C36 (mg/kg)	TPH C6-c36 (mg/kg)	CHLORIDE (mg/kg)
B01 FLOOR	H232200-01	4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	896
B02 FLOOR	H232200-02	4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1900
B03 FLOOR	H232200-03	4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	3600
B04 FLOOR	H232200-04	4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2200
B05 FLOOR	H232200-05	4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2960
B06 FLOOR	H232200-06	4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1680
B07 FLOOR	H232200-07	4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2280
B08 FLOOR	H232200-08	4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2360
B09 FLOOR	H232200-09	4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	3440
B10 FLOOR	H232200-10	4'	5-3-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2080
B11 FLOOR	H232308-01	4'	5-9-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.1	<10.0	20.1	7600
B12 FLOOR	H232308-02	4'	5-9-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	99.3	10.9	110.2	4640
B13 FLOOR	H232308-03	10'	5-9-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	88.0	13.4	101.4	3440
B14 FLOOR	H232340-03	4'	5-10--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	4560
B15 FLOOR	H232425-01	4'	5-15-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2720
B16 FLOOR	H232425-02	4'	5-15-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.5	<10.0	14.5	7600
B17 FLOOR	H232425-03	4'	5-15-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	111	23.9	134.9	4400
B18 FLOOR	H232425-04	4'	5-15-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	82.0	18.6	100.6	8200
B19 FLOOR	H232425-05	4'	5-10--23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	6640



Incident # nAPP2229832296

Wall Samples Map

JIM CAMP WATER TRANSFER LINE
@ M-06-24S-37E 0N 0E



Incident # nAPP2229832296

Floor Sample Map

JIM CAMP WATER TRANSFER LINE
@ M-06-24S-37E ON 0E



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

May 08, 2023

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: JIM CAMP WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 05/03/23 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 1 @ 4' (H232200-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	05/05/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 2 @ 4' (H232200-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1900	16.0	05/05/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 3 @ 4' (H232200-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	05/05/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 4 @ 4' (H232200-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	05/05/2023	ND	432	108	400	0.00	QM-07

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	05/05/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 5 @ 4' (H232200-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	05/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 6 @ 4' (H232200-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	05/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 7 @ 4' (H232200-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55		
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	05/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31		
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52		
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 8 @ 4' (H232200-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	05/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 9 @ 4' (H232200-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	05/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 10 @ 4' (H232200-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55	
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	05/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 1 BGS 0-4' (H232200-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55		
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	05/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31		
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52		
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 2 BGS 0-4' (H232200-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	2.02	101	2.00	8.55		
Toluene*	<0.050	0.050	05/06/2023	ND	2.01	100	2.00	6.73		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.15	108	2.00	5.11		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.28	105	6.00	4.66		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	05/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31		
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52		
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 3 BGS 0-4' (H232200-13)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2023	ND	2.11	105	2.00	12.8		
Toluene*	<0.050	0.050	05/05/2023	ND	2.16	108	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.08	104	2.00	11.5		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.37	106	6.00	9.53		
Total BTEX	<0.300	0.300	05/05/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	05/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31		
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52		
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 4 BGS 0-4' (H232200-14)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2023	ND	2.11	105	2.00	12.8		
Toluene*	<0.050	0.050	05/05/2023	ND	2.16	108	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.08	104	2.00	11.5		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.37	106	6.00	9.53		
Total BTEX	<0.300	0.300	05/05/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	05/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31		
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52		
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 5 BGS 0-4' (H232200-15)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2023	ND	2.11	105	2.00	12.8		
Toluene*	<0.050	0.050	05/05/2023	ND	2.16	108	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.08	104	2.00	11.5		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.37	106	6.00	9.53		
Total BTEX	<0.300	0.300	05/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31		
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52		
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/03/2023	Sampling Date:	05/03/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 6 BGS 0-4' (H232200-16)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/05/2023	ND	2.11	105	2.00	12.8		
Toluene*	<0.050	0.050	05/05/2023	ND	2.16	108	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.08	104	2.00	11.5		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.37	106	6.00	9.53		
Total BTEX	<0.300	0.300	05/05/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	05/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	184	92.1	200	1.31		
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52		
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Apache</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>B. Baker</u>		P.O. #:													
Address:		Company:													
City: <u>Hobbs</u> State: <u>Nm</u> Zip: <u>88240</u>		Attn:													
Phone #:		Address:													
Project #:		City:													
Project Name:		State: Zip:													
Project Location: <u>Sim Camp Water Transfer Line</u>		Phone #:													
Sampler Name: <u>José Quésada</u>		Fax #:													

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		DATE	TIME	CI	BTEX	HAPs
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER							
<u>H232200</u>											<input checked="" type="checkbox"/>								
<u>1</u>	<u>B1 @ 4'</u>	<u>C</u>	<u>1</u>											<u>5/3</u>	<u>1:40</u>				
<u>2</u>	<u>B2 @ 4'</u>	<u>C</u>	<u>1</u>												<u>1:42</u>				
<u>3</u>	<u>B3 @ 4'</u>	<u>C</u>	<u>1</u>												<u>1:44</u>				
<u>4</u>	<u>B4 @ 4'</u>	<u>C</u>	<u>1</u>												<u>1:44</u>				
<u>5</u>	<u>B5 @ 4'</u>	<u>C</u>	<u>1</u>												<u>1:48</u>				
<u>6</u>	<u>B6 @ 4'</u>	<u>C</u>	<u>1</u>												<u>1:50</u>				
<u>7</u>	<u>B7 @ 4'</u>	<u>C</u>	<u>1</u>												<u>1:52</u>				
<u>8</u>	<u>B8 @ 4'</u>	<u>C</u>	<u>1</u>												<u>1:54</u>				
<u>9</u>	<u>B9 @ 4'</u>	<u>C</u>	<u>1</u>												<u>1:56</u>				
<u>10</u>	<u>B10 @ 4'</u>	<u>C</u>	<u>1</u>												<u>1:58</u>				

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Relinquished By: <u>José Quésada</u>	Date: <u>5/3/23</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Time: <u>4:20 pm</u>			All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: <u>E-Mail Results</u>
Time:			
Delivered By: (Circle One)	Observed Temp. °C <u>4.4</u>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>	CHECKED BY: (Initials) <u>yo</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>3.8</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
			Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C
			Thermometer ID #113 Correction Factor -0.6°C

FORM-006 R 3.07/16/22

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Apache
Project Manager: B. Baker
Address: Hobbs NM Zip: 88240
Project Name:
Project Location: Sim Camp Water Transfer Line
Sampler Name: Jose Quispe

Table with columns: Lab I.D., Sample I.D., MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE/COOL, OTHER), SAMPLING (DATE, TIME), and analysis columns (CI, BTEX, etc.).

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Relinquished By: Jose Quispe
Received By: Samara Oldabry
Date: 5/3/23
Time: 4:26 pm
Observed Temp. °C: 4.4
Corrected Temp. °C: 3.8
Sample Condition: Cool Intact
Turnaround Time: Standard
Bacteria (only) Sample Condition: Cool Intact

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



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

May 15, 2023

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: JIM CAMP WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 05/09/23 16:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/09/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: B 11 @ 4' (H232308-01)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2023	ND	2.02	101	2.00	2.85		
Toluene*	<0.050	0.050	05/10/2023	ND	2.08	104	2.00	3.24		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.01	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.22	104	6.00	4.47		
Total BTEX	<0.300	0.300	05/10/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7600	16.0	05/10/2023	ND	416	104	400	0.00	QM-07	

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	05/10/2023	ND	190	95.1	200	1.70		
DRO >C10-C28*	20.1	10.0	05/10/2023	ND	177	88.4	200	1.88		
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND						

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/09/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: B 12 @ 10' (H232308-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2023	ND	2.02	101	2.00	2.85	
Toluene*	<0.050	0.050	05/10/2023	ND	2.08	104	2.00	3.24	
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.01	100	2.00	4.09	
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.22	104	6.00	4.47	
Total BTEX	<0.300	0.300	05/10/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	05/10/2023	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	05/10/2023	ND	190	95.1	200	1.70	
DRO >C10-C28*	99.3	10.0	05/10/2023	ND	177	88.4	200	1.88	
EXT DRO >C28-C36	10.9	10.0	05/10/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/09/2023	Sampling Date:	05/09/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: B 13 @ 10' (H232308-03)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2023	ND	2.02	101	2.00	2.85		
Toluene*	<0.050	0.050	05/10/2023	ND	2.08	104	2.00	3.24		
Ethylbenzene*	<0.050	0.050	05/10/2023	ND	2.01	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	05/10/2023	ND	6.22	104	6.00	4.47		
Total BTEX	<0.300	0.300	05/10/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	05/10/2023	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	05/10/2023	ND	190	95.1	200	1.70		
DRO >C10-C28*	88.0	10.0	05/10/2023	ND	177	88.4	200	1.88		
EXT DRO >C28-C36	13.4	10.0	05/10/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Apache</i>		BILL TO				ANALYSIS REQUEST																		
Project Manager: <i>B. Baker</i>		P.O. #:																						
Address:		Company:																						
City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88240</i>		Attn:																						
Phone #: Fax #:		Address:																						
Project #: Project Owner:		City:																						
Project Name:		State: Zip:																						
Project Location: <i>Jim Camp Water Transfer Line</i>		Phone #:																						
Sampler Name: <i>José Quevedo</i>		Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
<i>4232308</i>													<i>5/3</i>	<i>10:08</i>										
<i>1</i>	<i>B11e4'</i>	<i>C</i>	<i>1</i>										<i>5/3</i>	<i>10:10</i>										
<i>2</i>	<i>B12e10'</i>	<i>C</i>	<i>1</i>										<i>5/3</i>	<i>2:56</i>										
<i>3</i>	<i>B13e10'</i>	<i>C</i>	<i>1</i>																					

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

Relinquished By: <i>José Quevedo</i>	Date: <i>7/2/23</i>	Received By: <i>Shadrigner</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: <i>4:45</i>			All Results are emailed. Please provide Email address:	
Relinquished By:	Date:	Received By:	REMARKS: <i>E-mail Results</i>	
Time:			Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	Bacteria (only) Sample Condition
Delivered By: (Circle One)	Observed Temp. °C: <i>2-3i</i>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>SK</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Sampler - UPS - Bus - Other:	Corrected Temp. °C: <i>1.7i</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID #113	Observed Temp. °C
			Correction Factor -0.6°C	Corrected Temp. °C

FORM-006 R 3.3 07/16/22

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



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

May 15, 2023

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: JIM CAMP WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 05/10/23 16:34.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 2 BGS 0-4' (H232340-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.03	102	2.00	3.77	
Toluene*	<0.050	0.050	05/12/2023	ND	2.15	108	2.00	2.38	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.24	112	2.00	2.16	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.56	109	6.00	2.43	
Total BTEX	<0.300	0.300	05/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/12/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	217	109	200	3.13	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	201	101	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 3 BGS 0-4' (H232340-02)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2023	ND	2.03	102	2.00	3.77		
Toluene*	<0.050	0.050	05/12/2023	ND	2.15	108	2.00	2.38		
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.24	112	2.00	2.16		
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.56	109	6.00	2.43		
Total BTEX	<0.300	0.300	05/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	217	109	200	3.13		
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	201	101	200	4.96		
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND						

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 14 @ 4' (H232340-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2023	ND	2.03	102	2.00	3.77	
Toluene*	<0.050	0.050	05/12/2023	ND	2.15	108	2.00	2.38	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.24	112	2.00	2.16	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.56	109	6.00	2.43	
Total BTEX	<0.300	0.300	05/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	05/12/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	217	109	200	3.13	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	201	101	200	4.96	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/15/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W WALL @ BGS 4-10' (H232340-04)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2023	ND	1.96	98.0	2.00	9.62		
Toluene*	<0.050	0.050	05/12/2023	ND	2.01	100	2.00	9.59		
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	1.96	97.9	2.00	8.96		
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.05	101	6.00	9.20		
Total BTEX	<0.300	0.300	05/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5920	16.0	05/12/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	217	109	200	3.13		
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	201	101	200	4.96		
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND						

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Form with sections: Company Name, Project Manager, Address, City, State, Zip, Phone #, Fax #, Project #, Project Owner, Project Name, Project Location, Sampler Name, BILL TO, ANALYSIS REQUEST, Lab I.D., Sample I.D., MATRIX, PRESERV., SAMPLING.

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Form with sections: Relinquished By, Received By, Verbal Result, All Results are emailed, REMARKS, Turnaround Time, Bacteria (only) Sample Condition, Observed Temp, Corrected Temp, Sample Condition, CHECKED BY, Thermometer ID, Correction Factor.

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



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

May 17, 2023

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: JIM CAMP WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 05/12/23 16:31.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/17/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: N WALL BGS 4-10' (H232408-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/16/2023	ND	2.27	113	2.00	0.816	
Toluene*	<0.050	0.050	05/16/2023	ND	2.28	114	2.00	2.21	
Ethylbenzene*	<0.050	0.050	05/16/2023	ND	2.40	120	2.00	2.77	
Total Xylenes*	<0.150	0.150	05/16/2023	ND	7.08	118	6.00	3.63	
Total BTEX	<0.300	0.300	05/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7120	16.0	05/16/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2023	ND	208	104	200	0.537	
DRO >C10-C28*	13.6	10.0	05/15/2023	ND	199	99.5	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	05/15/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/17/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: E WALL BGS 4-10' (H232408-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/16/2023	ND	2.27	113	2.00	0.816	
Toluene*	<0.050	0.050	05/16/2023	ND	2.28	114	2.00	2.21	
Ethylbenzene*	<0.050	0.050	05/16/2023	ND	2.40	120	2.00	2.77	
Total Xylenes*	<0.150	0.150	05/16/2023	ND	7.08	118	6.00	3.63	
Total BTEX	<0.300	0.300	05/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7520	16.0	05/16/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2023	ND	208	104	200	0.537	
DRO >C10-C28*	<10.0	10.0	05/15/2023	ND	199	99.5	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	05/15/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/12/2023	Sampling Date:	05/12/2023
Reported:	05/17/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: S WALL BGS 4-10' (H232408-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/16/2023	ND	2.27	113	2.00	0.816	
Toluene*	<0.050	0.050	05/16/2023	ND	2.28	114	2.00	2.21	
Ethylbenzene*	<0.050	0.050	05/16/2023	ND	2.40	120	2.00	2.77	
Total Xylenes*	<0.150	0.150	05/16/2023	ND	7.08	118	6.00	3.63	
Total BTEX	<0.300	0.300	05/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	05/16/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2023	ND	208	104	200	0.537	
DRO >C10-C28*	10.0	10.0	05/15/2023	ND	199	99.5	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	05/15/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Apache
Project Manager: B Baker
Address: Hobbs
City: Hobbs State: NM Zip: 88240
Phone #: Fax #:
Project #: Project Owner:
Project Name:
Project Location: Slim Camp Water Transfer Line
Sampler Name: Jose Queral

Table with columns: Lab I.D., Sample I.D., (GRAB OR COMP), # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE/COOL, OTHER), SAMPLING (DATE, TIME), and analysis columns (CI, BTEX, etc.).

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses.

Relinquished By: Jose Queral Date: 9/15/23 Time: 4:31 pm
Received By: [Signature]
Verbal Result: [] Yes [] No Add'l Phone #:
REMARKS: E-mail Results
Delivered By: (Circle One)
Observed Temp. °C 5.1
Corrected Temp. °C 4.5
Sample Condition Cool Intact
Checked By: [Signature]

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



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

May 18, 2023

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: JIM CAMP WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 05/15/23 16:33.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/15/2023	Sampling Date:	05/15/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 15 @ 4' (H232425-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.44	122	2.00	9.75	
Toluene*	<0.050	0.050	05/17/2023	ND	2.43	122	2.00	9.86	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.36	118	2.00	9.64	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	7.15	119	6.00	8.77	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	05/16/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	217	109	200	2.72	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	203	101	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/15/2023	Sampling Date:	05/15/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 16 @ 4' (H232425-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.44	122	2.00	9.75	
Toluene*	<0.050	0.050	05/17/2023	ND	2.43	122	2.00	9.86	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.36	118	2.00	9.64	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	7.15	119	6.00	8.77	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	05/16/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	217	109	200	2.72	
DRO >C10-C28*	14.5	10.0	05/17/2023	ND	203	101	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/15/2023	Sampling Date:	05/15/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 17 @ 4' (H232425-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2023	ND	2.44	122	2.00	9.75		
Toluene*	<0.050	0.050	05/17/2023	ND	2.43	122	2.00	9.86		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.36	118	2.00	9.64		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	7.15	119	6.00	8.77		
Total BTEX	<0.300	0.300	05/17/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	05/16/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	217	109	200	2.72		
DRO >C10-C28*	111	10.0	05/17/2023	ND	203	101	200	6.11		
EXT DRO >C28-C36	23.9	10.0	05/17/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/15/2023	Sampling Date:	05/15/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 18 @ 4' (H232425-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.44	122	2.00	9.75	
Toluene*	<0.050	0.050	05/17/2023	ND	2.43	122	2.00	9.86	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.36	118	2.00	9.64	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	7.15	119	6.00	8.77	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	05/16/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	217	109	200	2.72	
DRO >C10-C28*	82.0	10.0	05/17/2023	ND	203	101	200	6.11	
EXT DRO >C28-C36	18.6	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/15/2023	Sampling Date:	05/15/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: B 19 @ 4' (H232425-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/16/2023	ND	2.13	106	2.00	7.78	
Toluene*	<0.050	0.050	05/16/2023	ND	2.16	108	2.00	6.34	
Ethylbenzene*	<0.050	0.050	05/16/2023	ND	2.08	104	2.00	6.49	
Total Xylenes*	<0.150	0.150	05/16/2023	ND	6.50	108	6.00	6.77	
Total BTEX	<0.300	0.300	05/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	05/16/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	217	109	200	2.72	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	203	101	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/15/2023	Sampling Date:	05/15/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 7 BGS 0-4' (H232425-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/16/2023	ND	2.13	106	2.00	7.78	
Toluene*	<0.050	0.050	05/16/2023	ND	2.16	108	2.00	6.34	
Ethylbenzene*	<0.050	0.050	05/16/2023	ND	2.08	104	2.00	6.49	
Total Xylenes*	<0.150	0.150	05/16/2023	ND	6.50	108	6.00	6.77	
Total BTEX	<0.300	0.300	05/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/16/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	217	109	200	2.72	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	203	101	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/15/2023	Sampling Date:	05/15/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: W 8 BGS 0-4' (H232425-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/16/2023	ND	2.13	106	2.00	7.78	
Toluene*	<0.050	0.050	05/16/2023	ND	2.16	108	2.00	6.34	
Ethylbenzene*	<0.050	0.050	05/16/2023	ND	2.08	104	2.00	6.49	
Total Xylenes*	<0.150	0.150	05/16/2023	ND	6.50	108	6.00	6.77	
Total BTEX	<0.300	0.300	05/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/16/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	217	109	200	2.72	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	203	101	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Apache</u>		BILL TO				ANALYSIS REQUEST																					
Project Manager: <u>B. Baker</u>		P.O. #:																									
Address:		Company:																									
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																									
Phone #:		Address:																									
Project #:		City:																									
Project Name:		State: Zip:																									
Project Location: <u>Sim Camp Water Transfer Line</u>		Phone #:																									
Sampler Name: <u>Jose Quereada</u>		Fax #:																									
FOR LAB USE ONLY		MATRIX				PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
<u>H232425</u>															<u>CI</u>	<u>BTEX</u>	<u>EXT TPH</u>										
<u>1</u>	<u>B1504'</u>	<u>C</u>	<u>1</u>										<u>5/15</u>	<u>12:16</u>													
<u>2</u>	<u>B1604'</u>	<u>C</u>	<u>1</u>											<u>12:18</u>													
<u>3</u>	<u>B1704'</u>	<u>C</u>	<u>1</u>											<u>12:20</u>													
<u>4</u>	<u>B1804'</u>	<u>C</u>	<u>1</u>											<u>12:22</u>													
<u>5</u>	<u>B1904'</u>	<u>C</u>	<u>1</u>											<u>12:24</u>													
<u>6</u>	<u>W7 B650-4'</u>	<u>C</u>	<u>1</u>											<u>12:26</u>													
<u>7</u>	<u>W8 B650-4'</u>	<u>C</u>	<u>1</u>											<u>12:28</u>													

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Relinquished By: <u>Jose Quereada</u>	Date: <u>9/15/23</u>	Received By: <u>Tamara Olden</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: <u>4:33 pm</u>			All Results are emailed. Please provide Email address:	
Relinquished By:	Date:	Received By:	REMARKS: <u>E-mail Results</u>	
Time:			Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) <input checked="" type="checkbox"/>
Delivered By: (Circle One)	Observed Temp. °C <u>3.9</u>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>	CHECKED BY: (Initials) <u>JK</u>	Sample Condition Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>3.3</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID #113	<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Correction Factor -0.6°C	Corrected Temp. °C

FORM-006 R 3.3 07/16/22

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

June 01, 2023

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: JIM CAMP WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 05/31/23 9:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/31/2023	Sampling Date:	05/30/2023
Reported:	06/01/2023	Sampling Type:	Soil
Project Name:	JIM CAMP WATER TRANSFER LINE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: BACKFILL (H232745-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/31/2023	ND	2.31	116	2.00	4.31	
Toluene*	<0.050	0.050	05/31/2023	ND	2.28	114	2.00	3.21	
Ethylbenzene*	<0.050	0.050	05/31/2023	ND	2.25	113	2.00	5.13	
Total Xylenes*	<0.150	0.150	05/31/2023	ND	6.88	115	6.00	4.60	
Total BTEX	<0.300	0.300	05/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/31/2023	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2023	ND	175	87.6	200	1.30	
DRO >C10-C28*	<10.0	10.0	05/31/2023	ND	168	83.8	200	3.99	
EXT DRO >C28-C36	<10.0	10.0	05/31/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Apache</u>		BILL TO				ANALYSIS REQUEST																					
Project Manager: <u>Bruce Baker</u>		P.O. #:																									
Address:		Company:																									
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																									
Phone #:		Address:																									
Project #:		City:																									
Project Name:		State: Zip:																									
Project Location: <u>Jim Camp Water Transfer Line</u>		Phone #:																									
Sampler Name:		Fax #:																									
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
<u>H232745</u>	<u>1 Backfill</u>	<u>C</u>	<u>1</u>										<u>5/30</u>	<u>9:20A</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>CL BTEX EXT TPH</u>									

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Relinquished By: <u>Jose Ovedo</u>	Date: <u>5/30/23</u>	Received By: <u>Janera Ovedo</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <u>3:30</u>		All Results are emailed. Please provide Email address:
Relinquished By:	Date: <u>5-31-23</u>	Received By:	REMARKS: <u>2 Mail Results 24hr</u>
	Time: <u>0905</u>		
Delivered By: (Circle One)	Observed Temp. °C <u>2.8</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <u>T.O.</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>2.2</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
			Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C
			Thermometer ID #113 Correction Factor -0.6°C

FORM-006 R 3.3 07/18/22

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

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

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

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

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

CONDITIONS

Action 228737

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 228737
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/15/2023