



2350 W Marland Blvd Hobbs, NM 88240

Deferment Request

October 6, 2021

Re: Eugene Wood Lease
Case # NRM2024530079

On 08/25/2020 a release occurred due to a failed phase arrestor. The release (GPS: 32.38021, -103.14785) is located south of Eunice, NM in unit letter G section 22 township 22S range 37E. A groundwater survey was conducted utilizing the NMOSE and USGS wells of record. The 3 nearest wells of record suggest groundwater is greater than 50 feet with the shallowest well 78 feet to groundwater.

The release area was hand excavated to a depths of 1 to 1.5 feet. Final 5 point bottom composite samples were collected not to exceed 500 square feet in accordance with the approved remediation plan. Final 5 point wall composite samples were collected not to exceed 200 square feet. All samples collected and submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Laboratory results indicated that B2 TPH was above table one standards for releases 51-100 feet to groundwater. Laboratory results indicated that B4 chloride and TPH were above table one standards for releases 51-100 feet to groundwater. B2 and B4 was further delineated to 2' utilizing a rock bar. Both 2' samples were submitted to a commercial laboratory for analysis of TPH and BTEX and B4 sample was also analysis for chloride. An attempt was made to further hand excavate B2 and B4 to a depth of 2' but was not successful do to the hardness of the soil. All excavated material was hauled to an OCD approved disposal facility. Micro-blaze was applied to the bottom of B2 and B4 and the entire excavation was backfilled with clean imported caliche to ground surface.

Apache Corporation respectfully request to defer the area around B2 and B4 to system abandonment.

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

Submitted by;

Bruce Baker

Environmental Technician

larry.baker@apachecorp.com

Cell# 432-631-6982

Off# 575-393-7106

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: Larry Baker Title: Environmental Tech SR.
 Signature: Larry Baker Date: 10/26/2021
 email: larry.baker@apachecorp.com Telephone: 432-631-6982

OCD Only

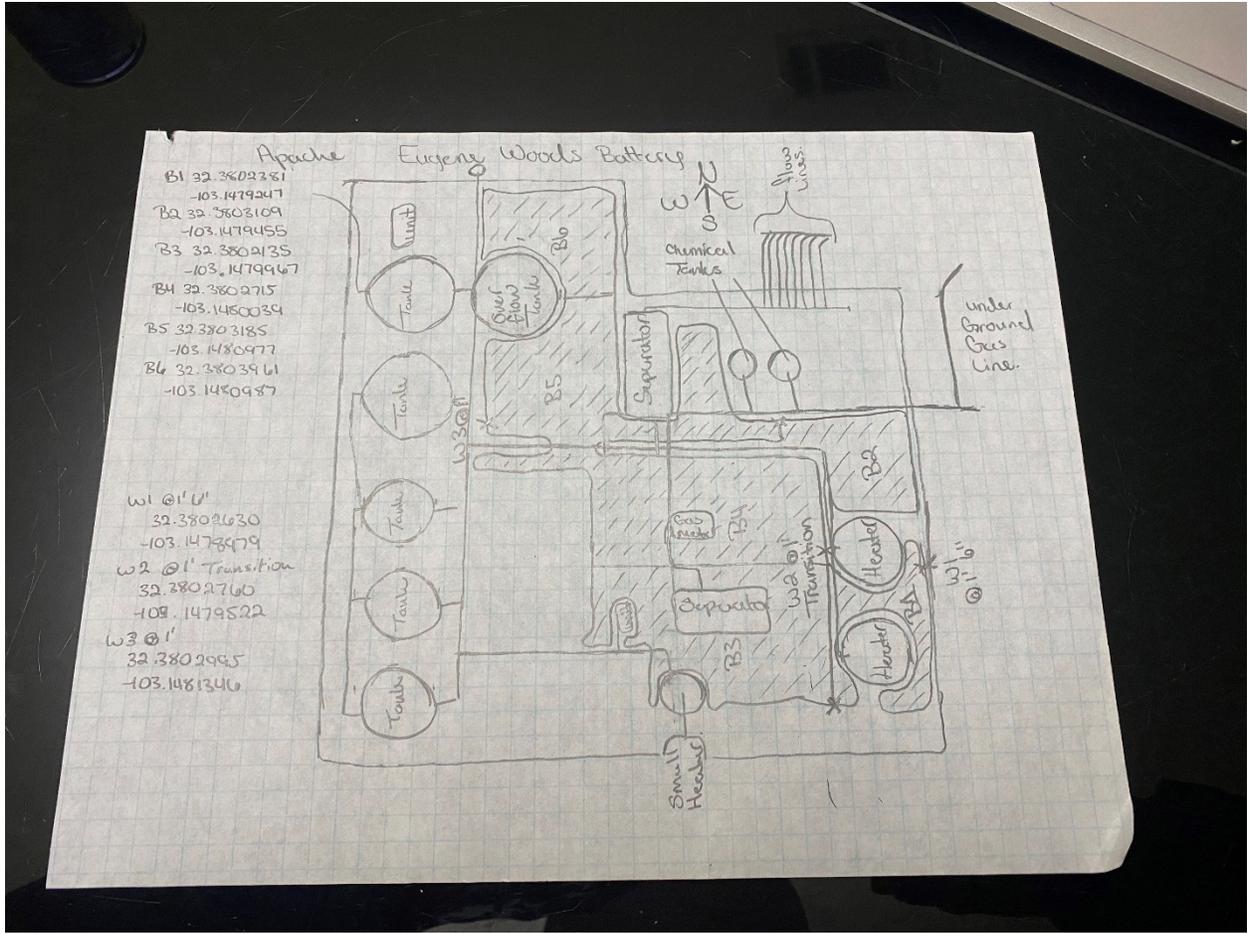
Received by: Chad Hensley Date: 11/15/2021

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: Chad Hensley Date: 11/15/2021



60 ft



NEDU Injection Line

Complete List

Sample Date	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	GPS Coordinates
Final Bottom Samples												
8/27/2021	B1	1.5'	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.9	45.4	32.3802381, 103.1479247
9/16/2021	B2	1.5	5120	<0.050	<0.050	0.134	0.273	0.407	<100	4850	1800	32.3803109, 103.1479455
9/21/2021	B2	2'		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	51.2	17.3	
9/16/2021	B3	1'	9600	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	598	284	32.3802135, 103.1479967
9/16/2021	B4	1.5	10100	<0.050	0.062	0.415	1.040	1.51	116	5460	1870	32.3802715, 103.1480039
9/21/2021	B4	2'	704	<0.050	<0.050	<0.050	<0.150	<0.300	12.3	608	181	
9/16/2021	B5	1'	496	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	382	162	32.3803185, 103.1480977
9/16/2021	B6	1.5	432	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	303	86.1	32.3803961, 103.1480987
Final Wall Samples												
9/16/2021	W1	0-1.5'	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	614	306	32.3802630, 103.1478979
9/16/2021	W2	0-1'	3000	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	906	390	32.3802760, 103.1479522
9/16/2021	W3	0-1'	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	584	297	32.3802995, 103.1481346



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

August 30, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: EUGENE WOODS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/27/21 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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 with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/27/2021	Sampling Date:	08/27/2021
Reported:	08/30/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 1 @ 16" (H212332-01)

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	08/28/2021	ND	2.03	102	2.00	4.07	
Toluene*	<0.050	0.050	08/28/2021	ND	2.21	110	2.00	3.61	
Ethylbenzene*	<0.050	0.050	08/28/2021	ND	2.04	102	2.00	3.98	
Total Xylenes*	<0.150	0.150	08/28/2021	ND	6.31	105	6.00	3.41	
Total BTEX	<0.300	0.300	08/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/30/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2021	ND	209	105	200	0.555	
DRO >C10-C28*	61.9	10.0	08/28/2021	ND	211	105	200	3.44	
EXT DRO >C28-C36	45.4	10.0	08/28/2021	ND					

Surrogate: 1-Chlorooctane 61.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 61.4 % 38.9-142

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

- 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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*=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

BILL TO

ANALYSIS REQUEST

Company Name: Apache
 Project Manager: Bruce Baker
 Address: _____
 City: Hobbs State: NM Zip: 88240
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: _____
 Project Location: Eugene Russell Battery
 Sampler Name: Eugene Russell Battery

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	C	EXT	TAP	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						
<u>H212333</u>	<u>1 B1 016"</u>	<u>C</u>	<u>1</u>			<u>1</u>					<u>8-27</u>	<u>8:15</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

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. Cardinal, its address of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 8/27
 Received By: [Signature] Date: 8-27
 Relinquished By: [Signature] Date: 8-27
 Received By: [Signature] Date: 8-27

Delivered By: (Circle One) Observed Temp. °C: 5.8 Sample Condition: Cool Intact
 Corrected Temp. °C: _____
 Checked By: [Signature]
 Turnaround Time: _____ Standard Rush
 Bacteria (only) Sample Condition: Cool Intact Observed Temp. °C: _____
 Corrected Temp. °C: _____

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



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

September 17, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: EUGENE WOODS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/16/21 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:	09/16/2021	Sampling Date:	09/16/2021
Reported:	09/17/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	EUGENE WOODS	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 1 @ 1'6" (H212592-01)

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	09/17/2021	ND	1.91	95.6	2.00	8.45	
Toluene*	<0.050	0.050	09/17/2021	ND	1.92	96.0	2.00	7.39	
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	09/17/2021	ND	5.75	95.8	6.00	4.73	
Total BTEX	<0.300	0.300	09/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2021	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	09/17/2021	ND	225	112	200	0.847	
DRO >C10-C28*	614	10.0	09/17/2021	ND	226	113	200	1.40	
EXT DRO >C28-C36	306	10.0	09/17/2021	ND					

Surrogate: 1-Chlorooctane 76.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.5 % 38.9-142

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:	09/16/2021	Sampling Date:	09/16/2021
Reported:	09/17/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	EUGENE WOODS	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 2 @ 1' (H212592-02)

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	09/17/2021	ND	1.91	95.6	2.00	8.45	
Toluene*	<0.050	0.050	09/17/2021	ND	1.92	96.0	2.00	7.39	
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	09/17/2021	ND	5.75	95.8	6.00	4.73	
Total BTEX	<0.300	0.300	09/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	09/17/2021	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	09/17/2021	ND	225	112	200	0.847	
DRO >C10-C28*	906	10.0	09/17/2021	ND	226	113	200	1.40	
EXT DRO >C28-C36	390	10.0	09/17/2021	ND					

Surrogate: 1-Chlorooctane 74.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.3 % 38.9-142

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:	09/16/2021	Sampling Date:	09/16/2021
Reported:	09/17/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	EUGENE WOODS	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: W 3 @ 1' (H212592-03)

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	09/17/2021	ND	1.91	95.6	2.00	8.45	
Toluene*	<0.050	0.050	09/17/2021	ND	1.92	96.0	2.00	7.39	
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	<0.150	0.150	09/17/2021	ND	5.75	95.8	6.00	4.73	
Total BTEX	<0.300	0.300	09/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/17/2021	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	09/17/2021	ND	225	112	200	0.847	
DRO >C10-C28*	584	10.0	09/17/2021	ND	226	113	200	1.40	
EXT DRO >C28-C36	297	10.0	09/17/2021	ND					

Surrogate: 1-Chlorooctane 71.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.9 % 38.9-142

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

*=Accredited Analyte

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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

BILL TO

ANALYSIS REQUEST

Company Name: Apache Corporation
 Project Manager: Bruce Baker
 Address: _____
 City: _____ State: _____ Zip: _____
 P.O. #: _____ Company: _____
 Attn: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: EUGENE WOODS
 Project Location: EUGENE WOODS
 City: _____ State: _____ Zip: _____
 Sampler Name: JEFF Brown
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	EXT. TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H212592	W1 @ 1'6"	C				✓			9/16/21	3:58	✓	✓	✓	
	W2 @ 1'	C				✓			9/16/21	4:02	✓	✓	✓	
	W3 @ 1'	C				✓			9/16/21	4:10	✓	✓	✓	

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: [Signature]
 Date: 9/16/21
 Time: 4:45
 Received By: [Signature]
 Date: _____
 Time: _____

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: _____
 Observed Temp. °C: 5.2
 Corrected Temp. °C: _____
 Sample Condition: Intact Cool Yes No
 CHECKED BY: [Signature]
 Initials: _____
 Turnaround Time: _____
 Standard Rush
 Thermometer ID #113 Correction Factor None
 Bacteria (only) Sample Condition Observed Temp. °C Corrected Temp. °C

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



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

September 17, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: EUGENE WOODS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/16/21 15:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:	09/16/2021	Sampling Date:	09/16/2021
Reported:	09/17/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	EUGENE WOODS	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 2 @ 1'6" (H212593-01)

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	09/17/2021	ND	1.91	95.6	2.00	8.45	
Toluene*	<0.050	0.050	09/17/2021	ND	1.92	96.0	2.00	7.39	
Ethylbenzene*	0.134	0.050	09/17/2021	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	0.273	0.150	09/17/2021	ND	5.75	95.8	6.00	4.73	
Total BTEX	0.407	0.300	09/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	09/17/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<100	100	09/17/2021	ND	225	112	200	0.847		
DRO >C10-C28*	4850	100	09/17/2021	ND	226	113	200	1.40		
EXT DRO >C28-C36	1800	100	09/17/2021	ND						

Surrogate: 1-Chlorooctane 98.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 219 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/16/2021	Sampling Date:	09/16/2021
Reported:	09/17/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	EUGENE WOODS	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 3 @ 1' (H212593-02)

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	09/17/2021	ND	1.91	95.6	2.00	8.45		
Toluene*	<0.050	0.050	09/17/2021	ND	1.92	96.0	2.00	7.39		
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	1.87	93.7	2.00	5.72		
Total Xylenes*	<0.150	0.150	09/17/2021	ND	5.75	95.8	6.00	4.73		
Total BTEX	<0.300	0.300	09/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9600	16.0	09/17/2021	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	09/17/2021	ND	225	112	200	0.847		
DRO >C10-C28*	598	10.0	09/17/2021	ND	226	113	200	1.40		
EXT DRO >C28-C36	284	10.0	09/17/2021	ND						

Surrogate: 1-Chlorooctane 79.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.8 % 38.9-142

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:	09/16/2021	Sampling Date:	09/16/2021
Reported:	09/17/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	EUGENE WOODS	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 4 @ 1'6" (H212593-03)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2021	ND	1.91	95.6	2.00	8.45	
Toluene*	0.062	0.050	09/17/2021	ND	1.92	96.0	2.00	7.39	
Ethylbenzene*	0.415	0.050	09/17/2021	ND	1.87	93.7	2.00	5.72	
Total Xylenes*	1.04	0.150	09/17/2021	ND	5.75	95.8	6.00	4.73	
Total BTEX	1.51	0.300	09/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 141 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	09/17/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	116	100	09/17/2021	ND	225	112	200	0.847	
DRO >C10-C28*	5460	100	09/17/2021	ND	226	113	200	1.40	
EXT DRO >C28-C36	1870	100	09/17/2021	ND					

Surrogate: 1-Chlorooctane 111 % 44.3-133

Surrogate: 1-Chlorooctadecane 223 % 38.9-142

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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:	09/16/2021	Sampling Date:	09/16/2021
Reported:	09/17/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	EUGENE WOODS	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 5 @ 1' (H212593-04)

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	09/17/2021	ND	1.91	95.6	2.00	8.45		
Toluene*	<0.050	0.050	09/17/2021	ND	1.92	96.0	2.00	7.39		
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	1.87	93.7	2.00	5.72		
Total Xylenes*	<0.150	0.150	09/17/2021	ND	5.75	95.8	6.00	4.73		
Total BTEX	<0.300	0.300	09/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	09/17/2021	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	09/17/2021	ND	225	112	200	0.847		
DRO >C10-C28*	382	10.0	09/17/2021	ND	226	113	200	1.40		
EXT DRO >C28-C36	162	10.0	09/17/2021	ND						

Surrogate: 1-Chlorooctane 75.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.3 % 38.9-142

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:	09/16/2021	Sampling Date:	09/16/2021
Reported:	09/17/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	EUGENE WOODS	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: B 5 @ 1'6" (H212593-05)

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	09/17/2021	ND	1.91	95.6	2.00	8.45		
Toluene*	<0.050	0.050	09/17/2021	ND	1.92	96.0	2.00	7.39		
Ethylbenzene*	<0.050	0.050	09/17/2021	ND	1.87	93.7	2.00	5.72		
Total Xylenes*	<0.150	0.150	09/17/2021	ND	5.75	95.8	6.00	4.73		
Total BTEX	<0.300	0.300	09/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	09/17/2021	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	09/17/2021	ND	225	112	200	0.847		
DRO >C10-C28*	303	10.0	09/17/2021	ND	226	113	200	1.40		
EXT DRO >C28-C36	86.1	10.0	09/17/2021	ND						

Surrogate: 1-Chlorooctane 83.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.8 % 38.9-142

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

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

BILL TO

ANALYSIS REQUEST

Company Name: Apacbe Corporation
 Project Manager: Steve Baker
 Address: _____ State: _____ Zip: _____
 City: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: EUGENE WOODS
 Project Location: EUGENE WOODS
 Sampler Name: Jeff Brown
 P.O. #: _____ Company: _____
 Attn: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	CL	BTEX	EXT. TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
<u>H212593</u>	<u>Ba @ 1'6"</u>	<u>C</u>				<u>✓</u>						<u>9/16/21</u>	<u>3:22</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>B3 @ 1'</u>	<u>C</u>				<u>✓</u>						<u>9/16/21</u>	<u>3:24</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>B4 @ 1'6"</u>	<u>C</u>				<u>✓</u>						<u>9/16/21</u>	<u>3:26</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>B5 @ 1'</u>	<u>C</u>				<u>✓</u>						<u>9/16/21</u>	<u>3:28</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>B6 @ 1'6"</u>	<u>C</u>				<u>✓</u>						<u>9/16/21</u>	<u>3:30</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>

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: Jeff Brown Date: 9/16/21 Received By: Scotti Henderson
 Time: 4:45
 Date: _____ Received By: _____
 Time: _____

Delivered By: (Circle One) Observed Temp. °C 5.2 Sample Condition Intact Cool Intact No No
 Corrected Temp. °C _____
 Turnaround Time: _____ Standard Rush Bacteria (only) Sample Condition Cool Intact No No
 Thermometer ID #113 Correction Factor None Observed Temp. °C _____ Corrected Temp. °C _____

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



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

September 22, 2021

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

RE: EUGENE WOODS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/21/21 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:	09/21/2021	Sampling Date:	09/21/2021
Reported:	09/22/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 2 @ 2' (H212625-01)

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	09/22/2021	ND	1.82	91.2	2.00	4.33		
Toluene*	<0.050	0.050	09/22/2021	ND	2.00	100	2.00	4.53		
Ethylbenzene*	<0.050	0.050	09/22/2021	ND	1.94	97.2	2.00	3.69		
Total Xylenes*	<0.150	0.150	09/22/2021	ND	5.84	97.3	6.00	3.75		
Total BTEX	<0.300	0.300	09/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/22/2021	ND	216	108	200	3.95		
DRO >C10-C28*	51.2	10.0	09/22/2021	ND	215	107	200	4.74		
EXT DRO >C28-C36	17.3	10.0	09/22/2021	ND						

Surrogate: 1-Chlorooctane 85.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.0 % 38.9-142

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:	09/21/2021	Sampling Date:	09/21/2021
Reported:	09/22/2021	Sampling Type:	Soil
Project Name:	EUGENE WOODS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: B 4 @ 2' (H212625-02)

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	09/22/2021	ND	1.82	91.2	2.00	4.33		
Toluene*	<0.050	0.050	09/22/2021	ND	2.00	100	2.00	4.53		
Ethylbenzene*	<0.050	0.050	09/22/2021	ND	1.94	97.2	2.00	3.69		
Total Xylenes*	<0.150	0.150	09/22/2021	ND	5.84	97.3	6.00	3.75		
Total BTEX	<0.300	0.300	09/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	09/22/2021	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*	12.3	10.0	09/22/2021	ND	216	108	200	3.95		
DRO >C10-C28*	608	10.0	09/22/2021	ND	215	107	200	4.74		
EXT DRO >C28-C36	181	10.0	09/22/2021	ND						

Surrogate: 1-Chlorooctane 82.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Apache
 Project Manager: Bruce Baker
 Address: Hobbs
 State: NM Zip: 88240
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: _____
 Project Location: Eugene Woods Battery
 Sampler Name: Deel Russell Dr

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

Lab I.D.	Sample I.D.	(G)RABOR (C)OMP. # CONTAINERS	MATRIX						PRESERV		DATE	TIME	C	EXT	TPH	BTEX
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE/ COOL						
Hobbs	BR02 CR402	1			X						9-21	2:40	X	X	X	X
		1									9-21	2:46	X	X	X	X

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Relinquished By: Deel Russell
 Date: 9-21
 Time: 4:30
 Received By: Yvonne Chaboy
 Date: _____
 Time: _____

REMARKS: Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____

Delivered By: (Circle One) Observed Temp. °C 4.8 Sample Condition Cool Intact Yes No
 Corrected Temp. °C _____
 Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Yes No
 Thermometer ID #113 Correction Factor None Observed Temp. °C _____
 Corrected Temp. °C _____

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



East Elevation

📍 293°W (T) 📍 32°22'48"N, 103°8'52"W ±13ft ▲ 3367ft



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 54553

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 54553
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Apache's deferral requests to complete final remediation during any future major construction/alteration or final plugging and abandonment, whichever occurs first is approved. The deferred C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	11/15/2021