

### Closure Report

August 23, 2021

Re: NMGSAU # 373 Case # nAPP2100442670

### Background:

On 12/29/2020 a release occurred due to a 3 inch poly line separated from the collar near the steel to poly transition. The release (GPS: 32.642640, -103.294748) is located west of Monument, New Mexico in unit letter K section 19 township 21S range 37E. A groundwater survey was conducted utilizing NMOSE wells of record. The nearest well of record suggest the groundwater depth below the release to be 21 feet below ground surface. A remediation plan was submitted and approved by OCD.

The release area was excavated to a depth of 2 foot. On 8/18/2021 final 5 point bottom and wall composite samples were collected not to exceed 200 square feet. All samples collected were submitted to a commercial laboratory for analysis of chloride, TPH, and BTEX. Laboratory results were above table one standards for TPH at B8. B8 was excavated an additional 3 inches and a 5 point bottom composite sample not exceeding 200 square feet was collected and submitted to a commercial laboratory for analysis of TPH and BTEX. All excavated soil was hauled to an OCD approved disposal facility. The excavation was backfilled with clean imported caliche to ground surface and the pad was restored.

Apache Corporation has remediated the release to below table one standards and respectfully request that event # nAPP2100442670 be closed.

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

Submitted by;

Environmental Technician

larry.baker@apachecorp.com

Cell# 432-631-6982

Bruce . Baker

Page 2 of 3.

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 ite	ems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.11	1 NMAC
Photographs of the remediated site prior to backfill or photos of must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and rem human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulat restore, reclaim, and re-vegetate the impacted surface area to the con accordance with 19.15.29.13 NMAC including notification to the OC	rediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ions. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
Printed Name: Larry Baker	Title: Environmental Tech SR.
Printed Name: Larry Baker Signature: Larry Baker	Date: 8/23/2021
email: larry.baker@apachecorp.com	Telephone: 432-631-6982
OCD Only	
Received by: Chad Hensley	Date: 09/21/2021
remediate contamination that poses a threat to groundwater, surface w party of compliance with any other federal, state, or local laws and/o	of liability should their operations have failed to adequately investigate and vater, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:  Printed Name: Chad Hensley	Date: <u>09/21/2021</u>
Printed Name: Chad Hensley	Title: Environmental Specialist Advanced

Page 4 of 3

Sample	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenzene	Total	Total	GRO	DRO	EXT DRO	<b>GPS Coordinates</b>
Date	-						Xylenes	BTEX				
					l	Bottom Samples						
												32.642834,
8/18/2021	B1	2'	336	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294661
												32.642792,
8/18/2021	B2	2'	352	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294653
												32.642753,
8/18/2021	В3	2'	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294640
												32.642762,
8/18/2021	B4	2'	144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294611
												32.642768,
8/18/2021	B5	2'	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294574
												32.642765,
8/18/2021	В6	2'	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294539
												32.642736,
8/18/2021	В7	2'	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294550
												32.642732,
8/18/2021	B8	2'	48	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	95.4	18.6	-103.294582
8/19/2021	B8	2.3'		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
												32.642723,
8/18/2021	B9	2'	64	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294601
												32.642715,
8/18/2021	B10	2'	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294623
0/40/2024	244	21	22	0.050		0.050	0.450		40.0	40.0	40.0	32.642684,
8/18/2021	B11	2'	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294588
0/40/2024	D42	21	-100	40.0E0	10.050	*0.050	10.150	40,200	110.0	-10.0	110.0	32.642655,
8/18/2021	B12	2'	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294586
0/10/2021	B13	21	256	<0.0F0	<0.0F0	<0.050	<0.1F0	<0.200	<10.0	-10 O	<b>410.0</b>	32.642582,
8/18/2021	B13	2'	256	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294563
		1	1	1	<u> </u>	Wall Samples		I		I		32.642787,
8/18/2021	W1	0-2'	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294537
0/10/2021	VVI	0-2	100	<0.030	<0.030	<0.030	<b>\0.130</b>	<0.300	<b>\10.0</b>	₹10.0	<b>\10.0</b>	32.642523,
8/18/2021	W2	0-2'	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294522
0, 10, 2021	V V Z	0-2	240	\0.030	\0.030	VO.030	V0.130	V0.300	10.0	10.0	10.0	32.642663,
8/18/2021	W3	0-2'	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294617
0, 10, 2021	***	"	100	10.030	10.030	10.000	10.130	10.300	10.0	10.0	110.0	32.642804,
8/18/2021	W4	0-2'	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.294693
0/10/2021	vv <del>4</del>	U-Z	10	<b>\U.U</b> 5U	<b>\U.U</b> 5U	<b>&lt;0.030</b>	<0.100	<b>&lt;0.300</b>	<10.0	<t0.0< td=""><td>&lt;10.0</td><td>-103.294093</td></t0.0<>	<10.0	-103.294093



August 19, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NMGSAU #373

Enclosed are the results of analyses for samples received by the laboratory on 08/18/21 15:48.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Received: 08/18/2021
Reported: 08/19/2021
Project Name: NMGSAU #373
Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 08/18/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: B 1 (H212204-01)

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	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/19/2021	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	211	105	200	7.58	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	222	111	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	106	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	110 9	% 38.9-14	2						

A ... - L ... - - - I D. .. MC

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 08/18/2021
 Sampling Date:
 08/18/2021

 Reported:
 08/19/2021
 Sampling Type:
 Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

### Sample ID: B 2 (H212204-02)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/19/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	211	105	200	7.58	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	222	111	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	110	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	113	% 38.9-14	22						

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Celeg D. Freene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/18/2021 Sampling Date: 08/18/2021

Reported: 08/19/2021 Sampling Type: Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

### Sample ID: B 3 (H212204-03)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/19/2021	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	211	105	200	7.58	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	222	111	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	107	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	110	% 38.9-14	2						

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### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/18/2021 Sampling Date: 08/18/2021

Reported: 08/19/2021 Sampling Type: Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: NOT GIVEN

### Sample ID: B 4 (H212204-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/19/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	211	105	200	7.58	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	222	111	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	109 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	112 9	6 38.9-14	2						

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Celeg D. Freene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/18/2021 Sampling Date: 08/18/2021

Reported: 08/19/2021 Sampling Type: Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

### Sample ID: B 5 (H212204-05)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	< 0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	08/19/2021	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	211	105	200	7.58	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	222	111	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	113	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	116	% 38.9-14	2						

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Celey D. Keine



### Analytical Results For:

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

(575) 393-2432

Received: 08/18/2021 Sampling Date: 08/18/2021

Reported: 08/19/2021 Sampling Type: Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: NOT GIVEN

### Sample ID: B 6 (H212204-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/19/2021	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	211	105	200	7.58	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	222	111	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	105 9	% 38.9-14	2						

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Celeg D. Freene



### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/18/2021 Sampling Date: 08/18/2021

Reported: 08/19/2021 Sampling Type: Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

### Sample ID: B 7 (H212204-07)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	211	105	200	7.58	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	222	111	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	106	% 38.9-14	2						

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### Analytical Results For:

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

 Received:
 08/18/2021
 Sampling Date:
 08/18/2021

 Reported:
 08/19/2021
 Sampling Type:
 Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

### Sample ID: B 8 (H212204-08)

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	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	211	105	200	7.58	
DRO >C10-C28*	95.4	10.0	08/19/2021	ND	222	111	200	4.69	
EXT DRO >C28-C36	18.6	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	97.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	103	% 38.9-14	2						

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### Analytical Results For:

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

Fax To: (575) 393-2432

ma/ka

Received: 08/18/2021 Sampling Date: 08/18/2021

Reported: 08/19/2021 Sampling Type: Soil
Project Name: NMGSAU #373 Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker
Project Location: NOT GIVEN

Analyzed By: MC

Sample ID: B 9 (H212204-09)

RTFY 8021R

BIEX 8021B	mg,	кg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	211	105	200	7.58	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	222	111	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	101	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	105	% 38.9-14	2						

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### Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 08/18/2021
 Sampling Date:
 08/18/2021

 Reported:
 08/19/2021
 Sampling Type:
 Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

### Sample ID: B 10 (H212204-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	211	105	200	7.58	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	222	111	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	101	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	103	% 38.9-14	2						

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Celey D. Keene



NOT GIVEN

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: 08/18/2021 Sampling Date: 08/18/2021

Reported: 08/19/2021 Sampling Type: Soil
Project Name: NMGSAU #373 Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Sample ID: B 11 (H212204-11)

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	184	92.2	200	8.14	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	208	104	200	5.57	
EXT DRO >C28-C36	<10.0 10.0 <10.0 10.0		08/19/2021	ND					
Surrogate: 1-Chlorooctane	105 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	105 9	% 38.9-14	2						

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Celey D. Kreine



### Analytical Results For:

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

 Received:
 08/18/2021
 Sampling Date:
 08/18/2021

 Reported:
 08/19/2021
 Sampling Type:
 Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

### Sample ID: B 12 (H212204-12)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	< 0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	184	92.2	200	8.14	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	208	104	200	5.57	
EXT DRO >C28-C36	<10.0 10.0 <10.0 10.0		08/19/2021	ND					
Surrogate: 1-Chlorooctane	95.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	96.9	% 38.9-14	2						

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### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/18/2021 Sampling Date: 08/18/2021 Reported: 08/19/2021 Sampling Type: Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: NOT GIVEN

### Sample ID: B 13 (H212204-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	184	92.2	200	8.14	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	208	104	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	107 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	110 9	6 38.9-14	2						

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### Analytical Results For:

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

Fax To: (575) 393-2432

Received: 08/18/2021 Sampling Date: 08/18/2021 Reported: 08/19/2021 Sampling Type: Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: NOT GIVEN

### Sample ID: W 1 (H212204-14)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	184	92.2	200	8.14	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	208	104	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	104 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	107 9	% 38.9-14	2						

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Celeg D. Freene



### Analytical Results For:

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

Received: 08/18/2021 Sampling Date: 08/18/2021

Reported: 08/19/2021 Sampling Type: Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

### Sample ID: W 2 (H212204-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	184	92.2	200	8.14	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	208	104	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	102	% 38.9-14	2						

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Celey D. Keine



### Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 08/18/2021
 Sampling Date:
 08/18/2021

 Reported:
 08/19/2021
 Sampling Type:
 Soil

Project Name: NMGSAU #373 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

### Sample ID: W 3 (H212204-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	184	92.2	200	8.14	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	208	104	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	96.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	101	% 38.9-14	2						

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Celey D. Keine



### Analytical Results For:

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

Received: 08/18/2021

Reported: 08/19/2021
Project Name: NMGSAU #373
Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 08/18/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: W 4 (H212204-17)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	1.80	90.2	2.00	10.3	
Toluene*	<0.050	0.050	08/19/2021	ND	1.95	97.5	2.00	10.9	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	1.87	93.6	2.00	12.5	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	5.64	94.0	6.00	12.1	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/19/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2021	ND	184	92.2	200	8.14	
DRO >C10-C28*	<10.0	10.0	08/19/2021	ND	208	104	200	5.57	
EXT DRO >C28-C36	<10.0	10.0	08/19/2021	ND					
Surrogate: 1-Chlorooctane	96.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	100	% 38.9-14	22						

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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

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

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

Company Name:	1				
Project Manager Apache	Contraction		BILL 10	ANALYSIS REQUEST	
Project Manager: 0/w.c	Baker		P.O. #:		
Address:			Company:		_
City:	State:	Zip:	Attn:		+
Phone #:	Fax #:		Address:		
Project #:	Project Owner:		City:		
Project Name: NMESAU	37		State: Zip:		
Project Location: NM65AU	n 373		Phone #:		
Sampler Name: Left Snow	Suca		Fax #:		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	ING	-
Lab I.D. Sam	Sample I.D.		ASE: DOL	TPH	
Halaao4		# CONT GROUN WASTE SOIL OIL SLUDG	ACID/BA ICE / CO OTHER	CL BTE EX1	
1 82					+
282		0			_
3 63		0			
484		6	>		
58.5		^			
686		^		1	
7 67		^		1	
88		0			
288		0			
10 R10		C /	8)18/21	1 4 1	
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 consequental damages, including whoult inhibiton, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, afficient or successors arising out of or related to the performance of services hereunder by Cardinal, regardings of the client subsidiaries or successors arising out of or related to the performance of services hereunder by Cardinal, regardings of the client is subsidiaries.	umy anu cherits exculsive temecy tor arry claim arist any other cause whatsoever shall be deemed wait tal or consequental damages, including without limits erformance of services hereunder by Cardinal, rego-	y claim arising whether based in contract or ton beemed waived unless made in writing and rece without limitation, business inherruptions, loss of ardinal, regardiess of whother such claim is bas	tort, shall be limited to the amount paid by the client for treceived by Cardinal within 30 days after completion of the so fuse, orfloss of profits incurred by client, its subsidiarit based upon any of the above stated reasons or otherwise.	the client for the implicable minipletion of the applicable in the client of the applicable in the client of the applicable in the client of t	
Helinquished By:	Date: 8/18/6) Time: 1548	6	Market In the Control of the Control	Verbal Result: ☐ Yes ☐ No │Add'! Phone #: All Results are emailed. Please provide Email address:	
Reinquished By:	Date:	Received By:		REMARKS:	
Delivered By: (Circle One)	Observed Temp. °C	4.6 Sample Condition	CHECKED BY:	lly) S	
Sampler - UPS - Bus - Other:	Corrected Temp. °C	HYes HYes	4		

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

Page 20 of 21

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Apade Cupwasin		RILLTO				
Project Manager:	Bruse Sole				AN	ANALYSIS REQUEST	-
Address:			Company:				
City:	State:	Zip:	Attn:				
Phone #:	Fax #:		Address:				
Project #:	Project Owner:		City:				_
Project Name:	NM6SAU 373		State: Zip:		_		
Project Location:	NM6SAU 373		#				
Sampler Name:	JEFF Snum		Fax #:				
FOR LAB USE ONLY			PRESERV. SAMI	SAMPLING	2		
Lab I.D.	Sample I.D.	JDGE	HER : D/BASE: / COOL HER :	CL- BTEX KT. TPH	KT. TPH		
	//	# G W SG O SI	AC IC	TIME	-		$\pm$
128	812			1	. \		
	11	6					
MAST	W 2	, ,		1			
17 W 3				1			
1 W 1 1	7		8/18/18	1			
analyses. All claims including those service. In no event shall Cardinal t affiliates or successors arising out o	analyses. All claims including those for negligence and any other cause whatstoever 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, it is subsidiaries, affiliates or successors arising out of or related to the porformance of sen case hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated crascors or oftensive.	in securious retriety for any claim artsing whether based in contract or tort, shall be finited to the amount paid by the client for it because whatscover shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the quential damages, including without imitation, business interruptions, loss of use, or loss of profits incurred by client, it's subsidiaries of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated: "caption 20 chiprisks	ort, shall be limited to the amount paid increase by Cardinal within 30 days after of use, or loss of profits incurred by clicities of use, or loss of profits accurred by clicities of the above stated reases.	by the client for the completion of the applicable int, its subsidiaries, one or otherwise			· [
Jor Fr	Ilme: 1548	MECEIVED BY:	Maken "	Verbal Result: ☐ Yes ☐ No Add'i Phone #: All Results are emailed. Please provide Email address:	□ No Add'I lease provide Em	Add'l Phone #: de Email address:	,
	Time:	Received By:	(	REMARKS:			
Delivered By: (Circle One)	Observed Temp. °C	4,6 Sample Condition	∴	Turnaround Time: St	Standard V	ly) s	
Sampler - UPS - Bus - Other	Other: Corrected Temp. °C	- W	8	Thermometer ID #113		☐ Yes	



August 20, 2021

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: NMGSAU #373

Enclosed are the results of analyses for samples received by the laboratory on 08/19/21 15:42.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Wite Sough

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

 Received:
 08/19/2021

 Reported:
 08/20/2021

 Project Name:
 NMGSAU #373

NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 08/19/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: B 8 (H212221-01)

Project Number:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2021	ND	2.10	105	2.00	3.02	
Toluene*	<0.050	0.050	08/19/2021	ND	2.24	112	2.00	2.23	
Ethylbenzene*	<0.050	0.050	08/19/2021	ND	2.17	108	2.00	3.32	
Total Xylenes*	<0.150	0.150	08/19/2021	ND	6.47	108	6.00	3.37	
Total BTEX	<0.300	0.300	08/19/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	69.9-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/20/2021	ND	213	107	200	6.49	
DRO >C10-C28*	<10.0	10.0	08/20/2021	ND	199	99.5	200	0.290	
EXT DRO >C28-C36	<10.0	10.0	08/20/2021	ND					
Surrogate: 1-Chlorooctane	104 %	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	105 9	% 38.9-14	2						

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MA Sough

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



### **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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Mile Single

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

Released to Imaging: 9/21/2021 1:37:57 PM

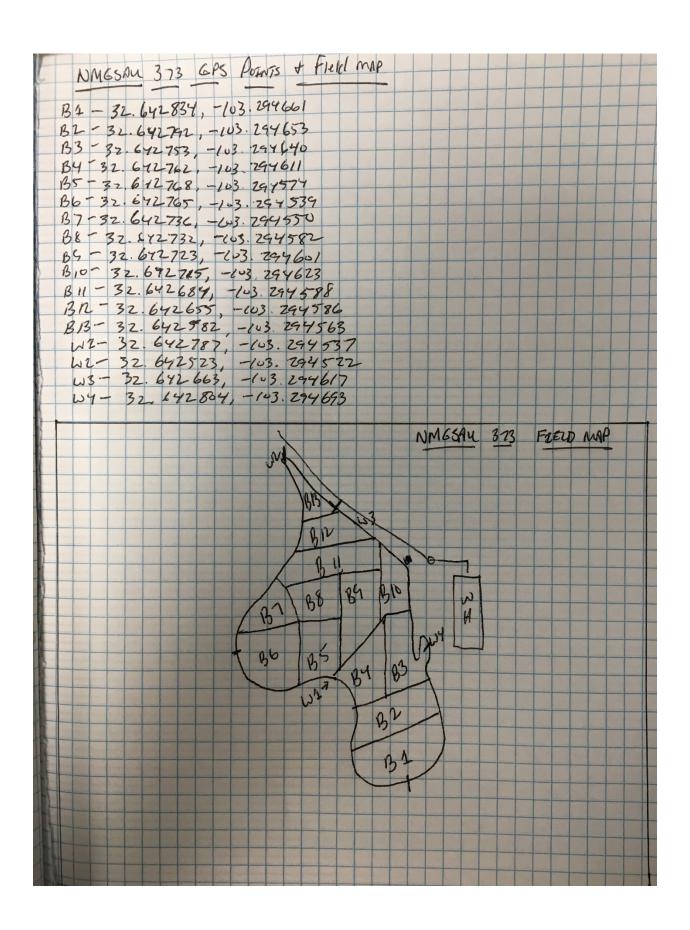
# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

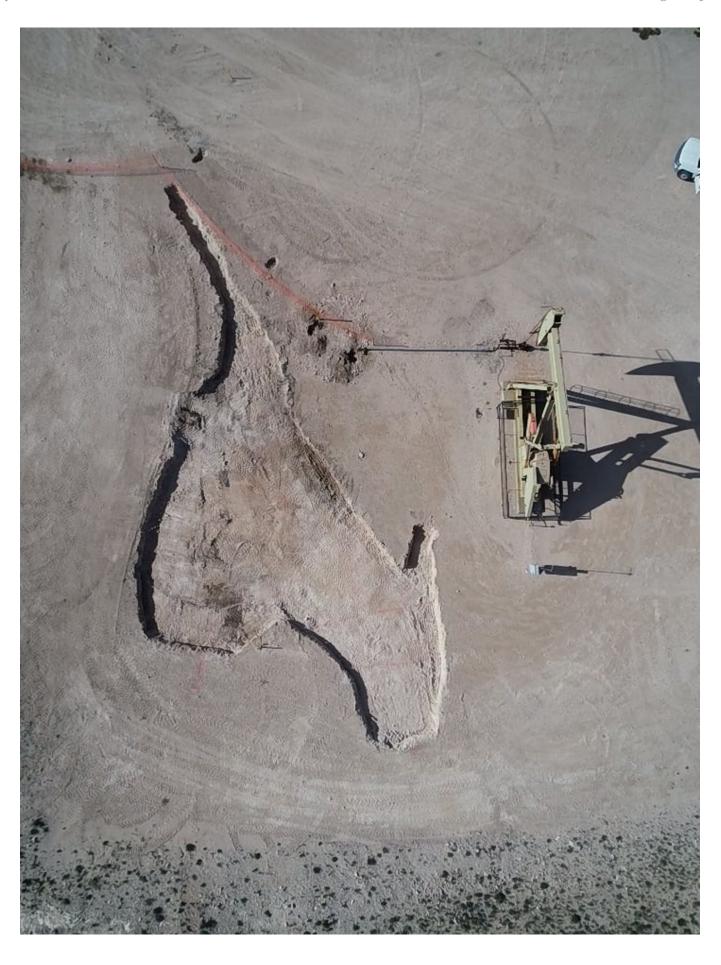


(575) 393-2326 FAX (575) 393-2476

Sampler - UPS - Bus - Other:	Delivered By: (Circle One)		Relinquished By:	Ser !	/ / Nelliliquisiled by	affiliates or successors aris	analyses. All claims including service. In no event shall C.	PLEASE NOTE: Liability as									Haraaal	Lab I.D.	5		FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:
Bus - Other:	ircle One)			noon	1	ates or successors arising out of or related to the performan	ng those for negligence and an ardinal be liable for incidental of	nd Damages. Cardinal's liability								88		dillipo	2			JEFF BRUM	n: NMSSAU	NASAM					" Brace	Apriche
Corrected Temp. °C	Observed Temp. °C	Time:	Date:	Time: 1542	12	Ü	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,	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or bort, shall be limited to the amount paid by the client for the										odilipie i.D.	5.			3	373	373	Project Owner:	Fax #:	State:		Baken	Corpuration
	4.5		Received By:		2) Neceived by.	of sprices here; ider by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwice	be deemed waived unless ing without limitation, busing	r any claim arising whether					,		(		(G)RAE # CON' GROUI	TAII	NERS	3					ier:		Zip:			
Cool Intact  Wes Tyes  No No	Sample Condition		1:	was in	,	whether such claim is based	made in writing and receive ness interruptions, loss of u	r based in contract or tort,			,						SOIL OIL SLUDG OTHER	GE R:			MATRIX	Fax #:	Pho	State:	City:	Ado	Attn:	Cor	P.O.	
(Initials)	CHECKED BY:					d upon any of the above sta	ed by Cardinal within 30 da use, or loss of profits incurr	shall be limited to the amo							, the		ACID/B ICE / C OTHER	00			PRESERV.	#:	Phone #:	te: Zip:	7.	Address:	n:	Company:	). #:	BILL 1
Thermometer ID #113 Correction Factor None	: Turnaround Time:		REMARKS:		All Results are	ated reasons or otherwice	ed by client, its subsidiarie	unt paid by the client for th								105/16/	TE TIME				SAMPLING									70
					emailed. Ple	- Van	applicable s,	В								1	B70 EX			4										
5	Standard				ase provide Em					V.	i c		×	,																ANA
Cool Intact	Bacteria (only)				ide Email address:	Dhono #:													-			3								ANALYSIS REQ
Observed Temp. °C Corrected Temp. °C	Bacteria (only) Sample Condition				y																						-	÷		REQUEST
			,	_				The second second			+																+			Ш

Corrected Temp. °C











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

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 43768

### **CONDITIONS**

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	43768
	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Created By	Condition	Condition Date
chensley	None	9/21/2021