

October 24, 2020

Mr. Bradford Billings State of New Mexico Oil Conservation Division 1220 South St Francis Drive Santa Fe, NM 87505

RE: 2RP-2088 Lee Federal Battery

Mr. Billings,

In compliance with 19.15.29.15(B) NMAC and the agreement submitted by Apache Corporation on November 8, 2018, Apache Corporation is submitting information related to closure for the release occurring November 19, 2013. Apache is respectfully submitting the closure report based on remediation and studies occurring in 2020 that demonstrate the site meeting the requirements of the agency. Unless further information is requested by NMOCD, Apache Corporation considers this release closed.

If there are any questions, please feel free to contact me by telephone at 432-631-6982 or by e-mail at larry.baker@apachecorp.com.

Sincerely,

Larry Baker

Environmental Technician SR.

Apache Corporation

Larry Baker

Attachment: Closure Report Dated October 24, 2020



Closure Report

October 24, 2020

Re: Lee Federal Battery Case # 2RP-2088

On 11/19/2013 a release occurred due to during the process of repairing a dump valve all wells were switched to one FWKO which pressured up and the fluid released from the man way gasket. The release (GPS: 32.823102, -103.897526) is located east of Loco Hills, New Mexico in unit letter E section 20 township 17S range 31E. It is common knowledge that township 17S range 31E has no groundwater.

The pasture area of the release was excavated and backfilled in 2014. A new lined facility was constructed west of the original battery and over the pasture area of the release. On 9/24/2020 Apache Corporation conducted delineation activities in the area of the original battery utilizing a hand auger. 6 sample points were advanced to a depth of 2 feet and 3 horizontal 5 point surface 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 for TPH at SP 1 were above table one standards for releases greater than 100 feet to groundwater.

On 10/8/2020 the area around SP 1 was excavated to a depth of 1 foot. Final 5 point bottom and wall samples were collected not to exceed 200 square feet. All excavated material (12 yards) was hauled to an OCD approved disposal facility. The excavation was backfilled with clean imported caliche to ground surface.

On 10/21/2020 further delineation activities were conducted due to evidence from 2014 that another area was impacted near the storage tanks. 3 sample points were advanced to a depth of 2 feet and 2 horizontal 5 point surface composite samples were collected not to exceed 200 square feet. All samples collected were submitted to a commercial laboratory for chloride, TPH, and BTEX.

Apache Corporation has completed remediation to below table one standards and respectfully request that event 2RP-2088 be closed.

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

Submitted by;

Environmental Technician larry.baker@apachecorp.com

Cell# 432-631-6982

Bruce Baker

Received by OCD: 10/24/2020 12:47:44 PM From C-141 State of New Mexico Page 3 Oil Conservation Division

	Page 3 of 69
Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	None (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas not on an exploration, development, production, or storage site?	✓ Yes ☐ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data	ls.
Data table of soil contaminant concentration data	
Depth to water determination	
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs	
✓ Boring of excavation logs ✓ Photographs including date and GIS information	
☑ Topographic/Aerial maps	
☐ Laboratory data including chain of custody	

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

Received by OCD: 10/24/2020 12:47:44 PM From C-141 State of New Mexico Page 4 Oil Conservation Division Incident ID
District RP
Facility ID
Application ID

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the Gailed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Larry Baker	Title: Environmental Tech SR.
Signature: Larry Baker	Date: 10/24/2020
Signature: Larry Baker email: larry.baker@apachecorp.com	Telephone: 432-631-6982
OCD Only	
Received by:	Date:

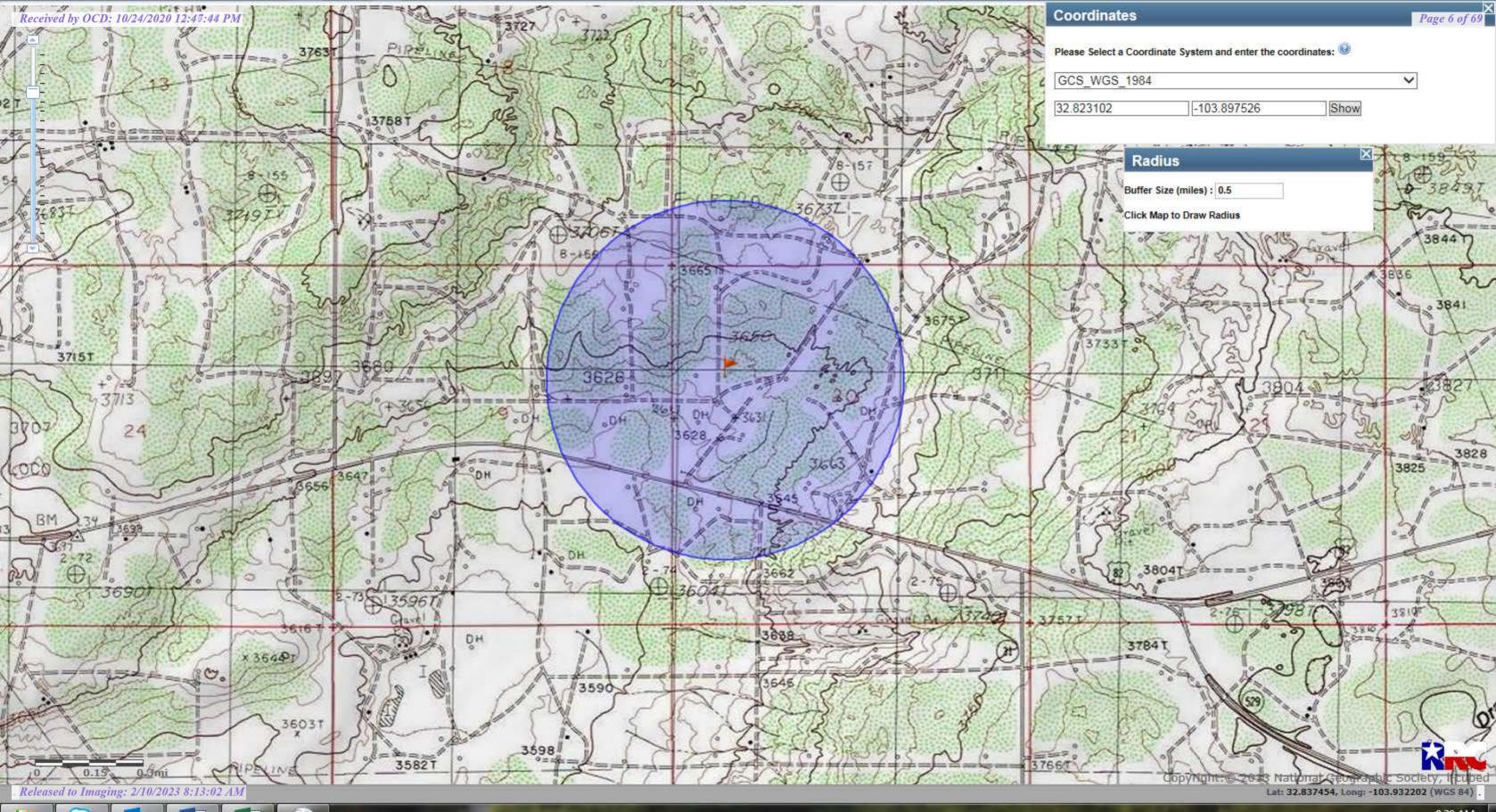
Received by OCD:	10/24/2020 12:47:44 PM State of New Mexico
Page 6	Oil Conservation Division

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Incident ID	
District RP	
Facility ID	
Application ID	

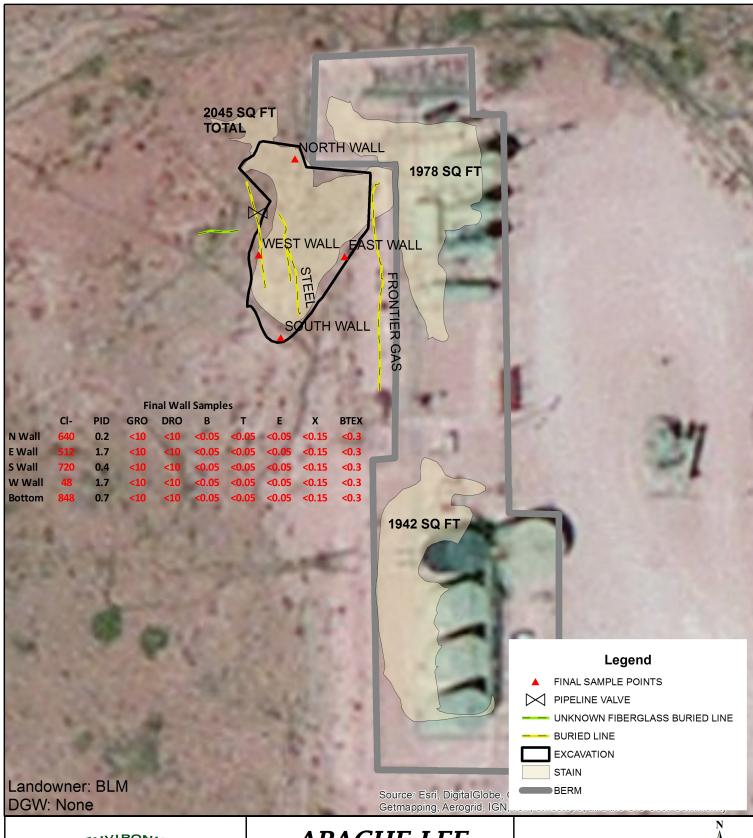
Closure

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 it	ems must be included in the closure report.
✓ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos 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 remhuman health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulaterestore, reclaim, and re-vegetate the impacted surface area to the confaccordance with 19.15.29.13 NMAC including notification to the Octaver accordance.	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions 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.
Signature: Larry Baker	Date: 10/24/2020
_{email:} larry.baker@apachecorp.com	Telephone: 432-631-6982
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Wall	Date: <u>2/10/2023</u>
Printed Name: Brittany Hall	Title: Environmental Specialist



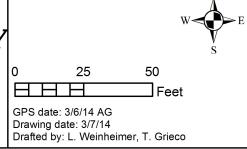
Excavation





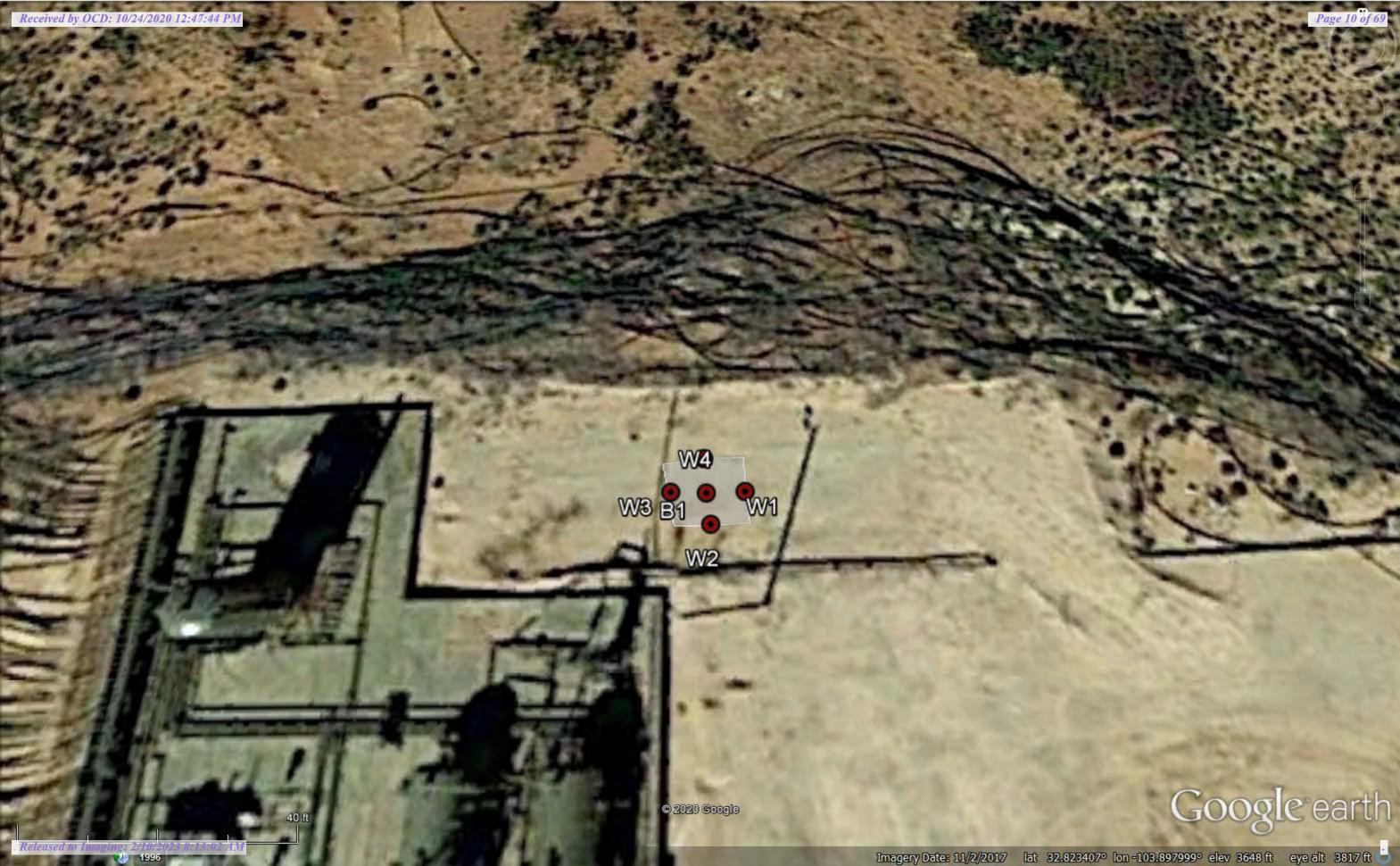
APACHE LEE FEDERAL BATTERY

UL/E SECTION 20 T-17-S R-31-E EDDY COUNTY, NM









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Delineation Samples

	1 1			1				ī	Ī	ı	1	
Sample	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenze	Total	Total	GRO	DRO	EXT DRO	GPS
Date						ne	Xylenes	BTEX				Coordinates
												32.823102,
9/24/2020	SP 1	Surface	128	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	1110	539	-103.897526
		1'	48.0	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
		2'	16.0	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
			20.0		10.000	10.000	101200	10.000	12010	12010	12010	32.823141,
9/24/2020	SP 2	Surface	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.9	<10.0	-103.897532
9/24/2020	3F Z		.		<0.050						+	-103.697332
		1' 	32.0	<0.050		<0.050	<0.150	<0.300	<10.0	21.5	11.9	
		2	48.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
												32.823104,
9/24/2020	SP 3	Surface	64.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	78	60.6	-103.897406
		1'	144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	902	489	
		2'	192	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
												32.823011,
9/24/2020	SP 4	Surface	368	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	38.7	34.1	-103.897520
		1'	80.0	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	238	149	
		2'	80.0	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	
												32.823100,
9/24/2020	SP 5	Surface	224	<0.050	< 0.050	< 0.050	< 0.150	<0.300	<10.0	12.5	10.2	-103.897651
572.72020	0. 0	1'	80.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
		2'	80.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
			00.0	VO.030	\0.030	\0.030	\0.130	\0.500	10.0	10.0	\10.0	32.823910,
0/24/2020	SD 6	Curfoco	120	<0.0F0	٠٥ ٥٥٥	<0.0F0	-0.150	<0.200	410.0	602	F22	
9/24/2020	SP 6	Surface	128	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	602	522	-103.897479
		1'	48.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	649	365	
		2'	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
												32.822734,
10/21/2020	SP 7	Surface	208	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.4	<10.0	-103.897472
		1'	80.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
		2'	160	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
												32.822650,
10/21/2020	SP 8	Surface	560	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	-103.897541
		1'	80.0	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	
		2'	64.0	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	
												32.822490,
10/21/2020	SP 9	Surface	2400	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	30.7	20.5	-103.897535
		1'	80.0	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	
			64.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
			04.0	10.030	40.050	40.030	٧٥.150	10.500	110.0	110.0	410.0	32.823167,
9/24/2020	HC1	Surface	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.897548
3/24/2020	HCI	Juliace	10.0	<0.030	<0.030	<0.030	\0.130	<0.300	\10.0	\10.0	\10.0	
0/24/2020	1163	C	256	.0.050	.0.050	-0.050	-0.450	-0.200	-10.0	-10.0	110.0	32.822892,
9/24/2020	HC2	Surface	256	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.897298
												32.822794,
9/24/2020	HC3	Surface	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	87.7	35.8	-103.897394
												32.822555,
10/21/2020	HC4	Surface	32	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.897268
												32.822397,
10/21/2020	HC5	Surface	48	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	-103.897440
- <u> </u>						Final Samp	oles					
Sample	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenze	Total	Total	GRO	DRO	EXT DRO	GPS
Date		•				ne	Xylenes	ВТЕХ				Coordinates
							,					32.823107,
10/8/2020	B1	1'	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.897538
10,0,2020	51		100	40.000	10.000	10.030	10.130	30.000	110.0	110.0	110.0	32.823108,
10/0/2020	18/4		16.0	ZO 050	ZO 050	<0.0E0	ZO 150	ZO 200	~10 O	~10 O	~10 O	-103.897518
10/8/2020	W1		16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	
												32.823091,

						i illai Sallip	103					
Sample	Sample ID	Depth	Chloride	Benzene	Toulene	Ethybenze	Total	Total	GRO	DRO	EXT DRO	GPS
Date						ne	Xylenes	BTEX				Coordinates
												32.823107,
10/8/2020	B1	1'	160	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.897538
												32.823108,
10/8/2020	W1		16.0	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	-103.897518
												32.823091,
10/8/2020	W2		208	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-103.897536
												32.823107,
10/8/2020	W3		160	< 0.050	< 0.050	<0.050	< 0.150	< 0.300	<10.0	15.9	<10.0	-103.897556
												32.823123,
10/8/2020	W4		80.0	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	21.5	11.9	-103.897539



September 29, 2020

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: LEE FEDERAL BATTERY #1

Enclosed are the results of analyses for samples received by the laboratory on 09/24/20 15:36.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

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

Project Location: NOT GIVEN

Sample ID: SP 1 - SURFACE (H002536-01)

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	09/25/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/25/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500Cl-B	de, SM4500Cl-B mg/kg			Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/25/2020	ND	400	100	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2020	ND	194	97.0	200	2.56	
DRO >C10-C28*	1110	10.0	09/24/2020	ND	177	88.5	200	11.1	
EXT DRO >C28-C36	539	10.0	09/24/2020	ND					
Surrogate: 1-Chlorooctane	96.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	126	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client; 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. Kreine



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 1 - 1' (H002536-02)

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	09/25/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/25/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	< 0.050	0.050	09/25/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2020	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2020	ND	194	97.0	200	2.56	
DRO >C10-C28*	<10.0	10.0	09/24/2020	ND	177	88.5	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	09/24/2020	ND					
Surrogate: 1-Chlorooctane	120	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	135	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOT GIVEN

mg/kg

Sample ID: SP 1 - 2' (H002536-03)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/25/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500Cl-B	Chloride, SM4500Cl-B mg/kg			ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/25/2020	ND	400	100	400	0.00	
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	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	112 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	123	% 42.2-15	6						

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact Tamara Oldaker Project Number: NONE GIVEN Sample Received By:

Project Location: **NOT GIVEN**

Sample ID: SP 2 - SURFACE (H002536-04)

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	09/25/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/25/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/25/2020	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	15.9	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	115 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	128 9	% 42.2-15	6						

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 2 - 1' (H002536-05)

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	09/25/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/25/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2020	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	21.5	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	11.9	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	114	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	126	% 42.2-15	6						

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Analytical Results For:

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

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 2 - 2' (H002536-06)

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	09/25/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/25/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2020	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	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	109	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	120	% 42.2-15	6						

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: **NOT GIVEN**

Sample ID: SP 3 - SURFACE (H002536-07)

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	09/25/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/25/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2020	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	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	78.0	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	60.6	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	107 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	120 9	% 42.2-15	6						

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Analytical Results For:

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

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 3 - 1' (H002536-08)

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	09/25/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/25/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/25/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	902	10.0	09/28/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	489	10.0	09/28/2020	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	170 9	% 42.2-15	6						

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 3 - 2' (H002536-09)

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	09/28/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/28/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	<0.050	0.050	09/28/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/28/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/25/2020	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	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	107 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	116 %	6 42.2-15	6						

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 4 - SURFACE (H002536-10)

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	09/25/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/25/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	09/25/2020	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	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	38.7	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	34.1	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	108	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	118	% 42.2-15	6						

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Analytical Results For:

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

Received: 09/24/2020 Sampling Date: 09/24/2020 Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **NOT GIVEN**

Sample ID: SP 4 - 1' (H002536-11)

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	09/25/2020	ND	2.15	107	2.00	6.33	
Toluene*	<0.050	0.050	09/25/2020	ND	2.17	109	2.00	6.76	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	2.11	106	2.00	7.31	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.07	101	6.00	7.30	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2020	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	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	238	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	149	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	99.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	123 9	% 42.2-15	6						

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 4 - 2' (H002536-12)

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	09/25/2020	ND	1.85	92.7	2.00	4.57	
Toluene*	< 0.050	0.050	09/25/2020	ND	1.91	95.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	1.91	95.5	2.00	4.02	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.01	100	6.00	3.80	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 73.3-12	19						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2020	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	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	107	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	117	% 42.2-15	6						

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 5 - SURFACE (H002536-13)

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	09/25/2020	ND	1.85	92.7	2.00	4.57	
Toluene*	<0.050	0.050	09/25/2020	ND	1.91	95.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	1.91	95.5	2.00	4.02	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.01	100	6.00	3.80	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/25/2020	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	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	12.5	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	10.2	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	114	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	126	% 42.2-15	6						

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09/24/2020

Analytical Results For:

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

Received: 09/24/2020 Sampling Date:

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 5 - 1' (H002536-14)

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	09/25/2020	ND	1.85	92.7	2.00	4.57	
Toluene*	<0.050	0.050	09/25/2020	ND	1.91	95.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	1.91	95.5	2.00	4.02	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.01	100	6.00	3.80	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2020	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	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	111 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	121	% 42.2-15	6						

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Analytical Results For:

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

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Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 5 - 2' (H002536-15)

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	09/25/2020	ND	1.85	92.7	2.00	4.57	
Toluene*	<0.050	0.050	09/25/2020	ND	1.91	95.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	1.91	95.5	2.00	4.02	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.01	100	6.00	3.80	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2020	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	09/25/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/25/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	09/25/2020	ND					
Surrogate: 1-Chlorooctane	113	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	124	% 42.2-15	6						

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: SP 6 - SURFACE (H002536-16)

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	09/25/2020	ND	1.85	92.7	2.00	4.57	
Toluene*	<0.050	0.050	09/25/2020	ND	1.91	95.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	1.91	95.5	2.00	4.02	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.01	100	6.00	3.80	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/25/2020	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	09/28/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	602	10.0	09/28/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	522	10.0	09/28/2020	ND					
Surrogate: 1-Chlorooctane	107	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	151	% 42.2-15	6						

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Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: NOT GIVEN

ma/ka

Sample ID: SP 6 - 1' (H002536-17)

RTFY 8021R

B1EX 8021B	mg	кg	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2020	ND	1.85	92.7	2.00	4.57	
Toluene*	<0.050	0.050	09/25/2020	ND	1.91	95.6	2.00	4.17	Qualifier Qualifier Qualifier
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	1.91	95.5	2.00	4.02	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.01	100	6.00	3.80	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					Qualifier
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					Qualifier
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	649	10.0	09/28/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	365	10.0	09/28/2020	ND					
Surrogate: 1-Chlorooctane	108	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	156	% 42.2-15	6						

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09/24/2020

Analytical Results For:

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

Received: 09/24/2020 Sampling Date:

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: **NOT GIVEN**

Sample ID: SP 6 - 2' (H002536-18)

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	09/25/2020	ND	1.85	92.7	2.00	4.57	
Toluene*	<0.050	0.050	09/25/2020	ND	1.91	95.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	1.91	95.5	2.00	4.02	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.01	100	6.00	3.80	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2020	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	09/28/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/28/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	09/28/2020	ND					
Surrogate: 1-Chlorooctane	112 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	124 9	% 42.2-15	6						

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09/24/2020

Analytical Results For:

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

Received: 09/24/2020 Sampling Date:

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker NONE GIVEN

Project Location: NOT GIVEN

Sample ID: HC 1 (H002536-19)

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	09/25/2020	ND	1.85	92.7	2.00	4.57	
Toluene*	<0.050	0.050	09/25/2020	ND	1.91	95.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	1.91	95.5	2.00	4.02	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.01	100	6.00	3.80	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/25/2020	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	09/28/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/28/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	09/28/2020	ND					
Surrogate: 1-Chlorooctane	113	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	125	% 42.2-15	6						

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Analytical Results For:

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

mg/kg

Received: 09/24/2020 Sampling Date: 09/24/2020 Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: NOT GIVEN

Sample ID: HC 2 (H002536-20)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. III3					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2020	ND	1.85	92.7	2.00	4.57	
Toluene*	<0.050	0.050	09/25/2020	ND	1.91	95.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	1.91	95.5	2.00	4.02	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.01	100	6.00	3.80	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/25/2020	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	09/28/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	<10.0	10.0	09/28/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	<10.0	10.0	09/28/2020	ND					
Surrogate: 1-Chlorooctane	112 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	123	% 42.2-15	6						

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Celey D. Keine



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 09/24/2020 Sampling Date: 09/24/2020

Reported: 09/29/2020 Sampling Type: Soil

Project Name: LEE FEDERAL BATTERY #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: HC 3 (H002536-21)

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	09/25/2020	ND	1.85	92.7	2.00	4.57	
Toluene*	<0.050	0.050	09/25/2020	ND	1.91	95.6	2.00	4.17	
Ethylbenzene*	<0.050	0.050	09/25/2020	ND	1.91	95.5	2.00	4.02	
Total Xylenes*	<0.150	0.150	09/25/2020	ND	6.01	100	6.00	3.80	
Total BTEX	<0.300	0.300	09/25/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/25/2020	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	09/28/2020	ND	194	97.0	200	5.85	
DRO >C10-C28*	87.7	10.0	09/28/2020	ND	197	98.4	200	7.33	
EXT DRO >C28-C36	35.8	10.0	09/28/2020	ND					
Surrogate: 1-Chlorooctane	111 9	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	125	% 42.2-15	6						

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Celey D. Keine



Notes and Definitions

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

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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Time: Standard Bacteria (only) S #113 Bacteria (only) S Cool intact D #113	City:	State:		٠.		
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Ilt: Pes No Add'I Phone #: re emailed. Please provide Email address: Time: Standard Bacteria (only) S Rush Cool Intact D #113	200	さらず	*×		10:10 + + + + + + + + + + + + + + + + + + +	
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Time: Observed Temp. °C 2.9 Sample Condition CHECKED BY: Turnaround Time: Standard ☐ Bacteria (only) S Cool Intact (Initials) Thermometer ID #113 ☐ Yes ☐	Relinguished By: (Alab Pilabinguished By: Relinguished By:	Time:	Received By:	Makel	are email	
Observed Temp. °C 3.9 Sample Condition CHECKED BY: Turnaround Time: Standard ☐ Bacteria (only) of Cool Intact (Initials) Cool Intact (Initials) Thermometer ID #113 ☐ Yes ☐		Time:				
	Delivered By: (Circ Sampler - UPS - Bu				Standard Bactera (only) S Rush Cool Intact Yes Yes	

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

Page 24 of 26

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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101 East Marland, Hobbs, NM 88:	ato	
NM 88	T.D	

2326 FAX (575) 393-2476 8240

Company Name: Hacke		BILL TO			
Project Manager: Lawy Buker		P.O. #:		ANALYSIS	SIS REQUEST
Address:		Company: AD.			
City: State:	Zip:	Attn:/ a now Raka			
Phone #: Fax #:		Address:			_
Project #: Project Owner:		City:			
Project Name: Lee Feeleral Pat	1#1				
Project Location: Lee Fecleval Rest	ent #1	Phone #:			
Sampler Name: /// / / / / / /				,	
FOR LAB USE ONLY	L	Fax #:		4	
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LEASE NOTE: lability and Damages. Cardinal's liability and client's exclusive remedy fo alyses. All claims including those for negligence and any other cause whatsoever shall it vice. In no event shall Cardinal be liable for in-in-ten-th.	edigence and any other cause whatsoever shall be deemed waived unless made in writing and eceived by Cardinal within 30 days after contract or tort, shall be limited to the amount paid by the client for the client for the characteristic or tort, shall be limited to the amount paid by the client for the characteristic or to the contracteristic or to the contracteristic or to the contracteristic or the characteristic or to the contracteristic or the characteristic or to the characteristic or the charact	t, shall be limited to the amount paid by	y the client for the	4 7 1	
liates 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.	under by Cardinal, regardless of whether such claim is base	ousiness interruptions, loss of use, or loss of profits incurred by clier of whether such claim is based upon any of the above stated reaso	nt, its subsidiaries,		
Time:	Necessary SA		Verbal Result: ☐ Yes \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	#: ess:
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† Cardinal	Sannot accept verbal changes	Bloom amail at	Correction Factor None	□ No □	No Corrected Temp. °C
	changes to celey.keene@cardinallabsnm.com	s. Please email change	es to celey.keene@car	rdinallabsnm.com	

Page 25 of 26

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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100	Lab
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	RDI orat
obbs, NM 8 X (575) 393-	torie
3240 2476	SI

Project Manager:		BILL TO	ANALYSIS REQUEST
Address:	To the second	P.O. #:	
City:	State: Zip:		
Phone #:	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name: Lee Fro	Leval Baffery#1	State: Zin:	
Project Location: Le Fo	Goal Ratteritte	#	
Sampler Name: (16)	ticker	Fax #:	
FOR LAB USE ONLY	MATRIX	ESERV. SAMPLING	2/+
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ses. All claims including those for negligence and re. In no event shall Cardinal be liable for incidenta tes or successors arising out of or related to the pere-	yees. 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 rice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	ct or fort, shall be limited to the amount paid by the client for the nd received by Cardinal within 30 days after completion of the applicable , loss of use, or loss of profits incurred by client, its subsidiaries ,	
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mpler - UPS - Bus - Other:	Corrected Temp. °C	(Initials)	Rush Cool Intact
	† Cardinal cannot accept verbal cha	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	e@cardinallabsnm.com

Page 26 of 26



October 09, 2020

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: LEE FEDERAL

Enclosed are the results of analyses for samples received by the laboratory on 10/08/20 15:15.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 10/08/2020
Reported: 10/09/2020
Project Name: LEE EEDERAL

Project Name: LEE FEDERAL
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/08/2020

Sampling Type: Soil

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

Sample ID: B 1 @ 1' (H002685-01)

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	10/08/2020	ND	1.97	98.5	2.00	0.824	
Toluene*	<0.050	0.050	10/08/2020	ND	2.00	100	2.00	2.09	
Ethylbenzene*	<0.050	0.050	10/08/2020	ND	1.92	95.9	2.00	1.83	
Total Xylenes*	<0.150	0.150	10/08/2020	ND	5.58	93.0	6.00	0.485	
Total BTEX	<0.300	0.300	10/08/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 73.3-12	9						
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	10/09/2020	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2020	ND	203	101	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/09/2020	ND	202	101	200	11.0	
EXT DRO >C28-C36	<10.0	10.0	10/09/2020	ND					
Surrogate: 1-Chlorooctane	118	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	130	% 42.2-15	6						

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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: 10/08/2020 Sampling Date: 10/08/2020 Reported: 10/09/2020 Sampling Type: Soil

Project Name: Sampling Condition: Cool & Intact LEE FEDERAL Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **NOT GIVEN**

Sample ID: W 1 (H002685-02)

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	10/08/2020	ND	1.97	98.5	2.00	0.824	
Toluene*	<0.050	0.050	10/08/2020	ND	2.00	100	2.00	2.09	
Ethylbenzene*	<0.050	0.050	10/08/2020	ND	1.92	95.9	2.00	1.83	
Total Xylenes*	< 0.150	0.150	10/08/2020	ND	5.58	93.0	6.00	0.485	
Total BTEX	<0.300	0.300	10/08/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	73.3-12	9						
Chloride, SM4500Cl-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	10/09/2020	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2020	ND	203	101	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/09/2020	ND	202	101	200	11.0	
EXT DRO >C28-C36	<10.0	10.0	10/09/2020	ND					
Surrogate: 1-Chlorooctane	118 %	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	126 %	6 42.2-15	6						

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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

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mg/kg

Received: 10/08/2020 Sampling Date: 10/08/2020

Reported: 10/09/2020 Sampling Type: Soil

Project Name: LEE FEDERAL Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: NOT GIVEN

Sample ID: W 2 (H002685-03)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2020	ND	1.97	98.5	2.00	0.824	
Toluene*	<0.050	0.050	10/08/2020	ND	2.00	100	2.00	2.09	
Ethylbenzene*	<0.050	0.050	10/08/2020	ND	1.92	95.9	2.00	1.83	
Total Xylenes*	<0.150	0.150	10/08/2020	ND	5.58	93.0	6.00	0.485	
Total BTEX	<0.300	0.300	10/08/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/09/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2020	ND	203	101	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/09/2020	ND	202	101	200	11.0	
EXT DRO >C28-C36	<10.0	10.0	10/09/2020	ND					
Surrogate: 1-Chlorooctane	127	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	136	% 42.2-15	6						

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Celey D. Keene



10/08/2020

Soil

Analytical Results For:

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

Fax To: (575) 393-2432

Received: 10/08/2020 Sampling Date: Reported: 10/09/2020 Sampling Type:

mg/kg

Project Name: LEE FEDERAL Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: NOT GIVEN

Sample ID: W 3 (H002685-04)

BTEX 8021B

	<u> </u>	<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2020	ND	1.97	98.5	2.00	0.824	
Toluene*	<0.050	0.050	10/08/2020	ND	2.00	100	2.00	2.09	
Ethylbenzene*	<0.050	0.050	10/08/2020	ND	1.92	95.9	2.00	1.83	
Total Xylenes*	<0.150	0.150	10/08/2020	ND	5.58	93.0	6.00	0.485	
Total BTEX	<0.300	0.300	10/08/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 73.3-12	9						
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	10/09/2020	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2020	ND	203	101	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/09/2020	ND	202	101	200	11.0	
EXT DRO >C28-C36	<10.0	10.0	10/09/2020	ND					
Surrogate: 1-Chlorooctane	113	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	124	% 42.2-15	6						

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Analytical Results For:

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

,

mg/kg

Received: 10/08/2020 Sampling Date: 10/08/2020

Reported: 10/09/2020 Sampling Type: Soil

Project Name: LEE FEDERAL Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: NOT GIVEN

Sample ID: W 4 (H002685-05)

BTEX 8021B

	9,	9	7	7:					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2020	ND	1.97	98.5	2.00	0.824	
Toluene*	<0.050	0.050	10/08/2020	ND	2.00	100	2.00	2.09	
Ethylbenzene*	<0.050	0.050	10/08/2020	ND	1.92	95.9	2.00	1.83	
Total Xylenes*	<0.150	0.150	10/08/2020	ND	5.58	93.0	6.00	0.485	
Total BTEX	<0.300	0.300	10/08/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/09/2020	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2020	ND	203	101	200	5.93	
DRO >C10-C28*	<10.0	10.0	10/09/2020	ND	202	101	200	11.0	
EXT DRO >C28-C36	<10.0	10.0	10/09/2020	ND					
Surrogate: 1-Chlorooctane	125	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	138	% 42.2-15	6						

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Celey D. Kreine



Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575	(575) 393-2326 FAX (575) 393-2476	.2476	BILL 170	ANALYSIS REQUEST	
Company Name:	agache Corporation		DILL 10		
Project Manager:	6		P.O. #:		
Address:			Company:		
City:	State:	Zip:	Attn:		
Phone #:	Fax #:		Address:		
Project #:	Project Owner:	wner:	City:		
ame:	LEE FERENAL		State: Zip:		
on:	_		Phone #:		
Tojour Homo	B.		Fax #:		
Sampler Name: 6	ien your	MATRIX	PRESERV. SAMPLING		
Lab I.D.	Sample I.D.	CAB OR (C)OMP. DINTAINERS DUNDWATER STEWATER L DIDGE	HER:	CL BTEX EXT. TPH	
HUDOS B	1000 1	-	10/8/20		
2 2		<	1010		
_	2	_	7/01		
-	W	_	1 1014		
2 w4	4	5	13/8/10 11/6		
			a hall he limited to the amount paid by the cle	nt for the	
PLEASE NOTE: Liability and Da analyses. All claims including the sarvice. In no event shall Cardin	images. Caldinats liability and crome consequental damage all be liable for incidental or consequental damage	er shall be deemed waived unless made in writing a sincluding without limitation, business interruption including without limitation, business interruption.	PLEASE NOTE: Liability and Damages. Junuina's security and control of the physical property of t		
affiliates or successors arising or Relinquished By:	t of or related to the performance of services hereunder by C	Received By:	cots arising out of or related to the performance of services hereunder by Cardinal, regardless of whiteher such could collin to buse upon unit of the performance of services hereunder by Cardinal, regardless of whiteher such could collin to buse upon unit of the performance of services hereunder by Cardinal, regardless of whiteher such collins buses upon unit of the performance of services hereunder by Cardinal, regardless of whiteher such collins buses upon unit of the performance of services hereunder by Cardinal, regardless of whiteher such collins buses upon unit of the performance of services hereunder by Cardinal, regardless of whiteher such collins buses upon unit of the performance of services hereunder by Cardinal, regardless of whiteher such collins buses upon unit of the performance of services hereunder by Cardinal, regardless of whiteher such collins buses upon unit of the performance of services hereunder by Cardinal, regardless of whiteher such collins buses upon unit of the performance of services here are the perf	Phone Result:	
Relinquished By:	Time: 3/15 Date:	Received By:	Marks: REMARKS:	0	
	Time:		CHECKED BY:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Circle One) Bus - Other:	Sample Coll Inta	4		
	2:	71110	NO		



October 22, 2020

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: LEE FEDERAL

Enclosed are the results of analyses for samples received by the laboratory on 10/21/20 16:27.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To: (575) 393-2432

Received: 10/21/2020 Reported: 10/22/2020

Project Name: LEE FEDERAL
Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 10/21/2020

Sampling Type: Soil

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

Sample ID: SP 7 @ SURFACE (H002812-01)

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	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	<0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	<0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	<0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/22/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	230	115	200	1.56	
DRO >C10-C28*	26.4	10.0	10/22/2020	ND	219	110	200	2.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	131	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	130	% 42.2-15	6						

A -- - | -- - - - | D- -- -- --

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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: 10/21/2020 Sampling Date: 10/21/2020 Reported: Sampling Type: Soil

Project Name: LEE FEDERAL Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Analyzed By: me

Project Location: **NOT GIVEN**

10/22/2020

ma/ka

Sample ID: SP 7 @ 1' (H002812-02)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	<0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	<0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	<0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	230	115	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/22/2020	ND	219	110	200	2.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	137	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	136	% 42.2-15	6						

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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: 10/21/2020 Reported: 10/22/2020

mg/kg

Reported: 10/22/2020
Project Name: LEE FEDERAL
Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 10/21/2020

Sampling Type: Soil

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

Sample ID: SP 7 @ 2' (H002812-03)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	<0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	<0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	<0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 73.3-12	9						
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	10/22/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	230	115	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/22/2020	ND	219	110	200	2.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	123	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	121	% 42.2-15	6						

Analyzed By: ms

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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: 10/21/2020 Reported: 10/22/2020

Project Name: LEE FEDERAL
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/21/2020 Sampling Type: Soil

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

Sample ID: SP 8 @ SURFACE (H002812-04)

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	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	<0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	<0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	<0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/22/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	230	115	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/22/2020	ND	219	110	200	2.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	135	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	133	% 42.2-15	6						

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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: 10/21/2020 Reported: 10/22/2020

Project Name: LEE FEDERAL Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 10/21/2020

Sampling Type: Soil

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

Sample ID: SP 8 @ 1' (H002812-05)

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	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	<0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	<0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	<0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2020	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	230	115	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/22/2020	ND	219	110	200	2.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	138 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	136 9	% 42.2-15	6						

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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

mg/kg

 Received:
 10/21/2020
 Sampling Date:
 10/21/2020

 Reported:
 10/22/2020
 Sampling Type:
 Soil

Project Name: LEE FEDERAL Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: NOT GIVEN

Sample ID: SP 8 @ 2' (H002812-06)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	<0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	<0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	<0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	230	115	200	1.56	
DRO >C10-C28*	<10.0	10.0	10/22/2020	ND	219	110	200	2.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	131	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	132	% 42.2-15	6						

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Celey D. Keene



10/21/2020

Soil

Analytical Results For:

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

Fax To: (575) 393-2432

Received: 10/21/2020 Sampling Date: Reported: Sampling Type:

Project Name: Sampling Condition: Cool & Intact LEE FEDERAL Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Analyzed By: ms

Project Location: **NOT GIVEN**

10/22/2020

mg/kg

Sample ID: SP 9 @ SURFACE (H002812-07)

BTEX 8021B

	9/	9	7	7:					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	<0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	<0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	<0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	10/22/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	193	96.6	200	2.58	
DRO >C10-C28*	30.7	10.0	10/22/2020	ND	198	99.0	200	3.47	
EXT DRO >C28-C36	20.5	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	145	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	163	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To: (575) 393-2432

 Received:
 10/21/2020
 Sampling Date:
 10/21/2020

 Reported:
 10/22/2020
 Sampling Type:
 Soil

Project Name: LEE FEDERAL Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: NOT GIVEN

mg/kg

Sample ID: SP 9 @ 1' (H002812-08)

BTEX 8021B

	91	9	7	7:					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	<0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	<0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	<0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2020	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	193	96.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	10/22/2020	ND	198	99.0	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	144 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	162 9	% 42.2-15	6						

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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:
 10/21/2020
 Sampling Date:
 10/21/2020

 Reported:
 10/22/2020
 Sampling Type:
 Soil

Project Name: LEE FEDERAL Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: NOT GIVEN

mg/kg

Sample ID: SP 9 @ 2' (H002812-09)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	<0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	<0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	<0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3 %	73.3-129)						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2020	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	193	96.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	10/22/2020	ND	198	99.0	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	143 %	6 44.3-144	4						
Surrogate: 1-Chlorooctadecane	159 %	6 42.2-156	5						

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Celey & Freene



10/21/2020

Soil

Analytical Results For:

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

Fax To: (575) 393-2432

Received: 10/21/2020 Sampling Date: Reported:

10/22/2020

Project Name: Sampling Condition: Cool & Intact LEE FEDERAL Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Sampling Type:

Project Location: **NOT GIVEN**

Sample ID: HC 4 (H002812-10)

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	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	< 0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	< 0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	< 0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2 9	% 73.3-12	9						
Chloride, SM4500Cl-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	10/22/2020	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	193	96.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	10/22/2020	ND	198	99.0	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	139 %	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	156 %	6 42.2-15	6						

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Celey D. Keene



10/21/2020

Soil

Analytical Results For:

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

Fax To: (575) 393-2432

Received: 10/21/2020 Reported:

mg/kg

Sampling Type: 10/22/2020 Project Name: LEE FEDERAL Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Analyzed By: ms

Sampling Date:

Project Location: **NOT GIVEN**

Sample ID: HC 5 (H002812-11)

BTEX 8021B

DILX GOZID	ilig/	ng .	Allulyzo	u by. III3					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2020	ND	1.93	96.6	2.00	1.96	
Toluene*	<0.050	0.050	10/22/2020	ND	2.01	100	2.00	0.118	
Ethylbenzene*	<0.050	0.050	10/22/2020	ND	1.95	97.5	2.00	0.105	
Total Xylenes*	<0.150	0.150	10/22/2020	ND	5.69	94.9	6.00	1.26	
Total BTEX	<0.300	0.300	10/22/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 73.3-12	9						
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	10/22/2020	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2020	ND	193	96.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	10/22/2020	ND	198	99.0	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/22/2020	ND					
Surrogate: 1-Chlorooctane	145	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	162	% 42.2-15	6						

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Notes and Definitions

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name: HPACHE	Not to Broke Start	BILL TO	ANALYSIS RECLIECT	
Project Manager: Bruce	Bakel			
Address:		Company:		
City:	State: Zip:	Attn:		
Phone #:	Fax #:	Address:		MANAGEMENT
Project #:	Project Owner:	City:		
Project Name: LEE FEBERAL		State: Zip:		***************************************
Project Location: LEE FEBERAL	AL.	#		
Sampler Name: JER Prum	3	Fax #:		Permanen
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		NUMBER OF STREET
Lab I.D. Sample I.D.	DR (C)OMP. NINERS DWATER VATER	SE:		
Housell	# CON	OTHER CE / CO OTHER DATE	CL BTE	
1 SP7@ Su	. \	11 08/12/11	,	
72261	6	1, 14	1502 111	
3 50762	2	65	1 1 1 hasa	
4 SP8@ Surk	ace 6	11	1806	
5 588 61	6	5/	1206 / / / 1008	
6 SP8@2'	6	/6	18/0	
SP 9 @ Sun	ace 6		11/1	
8 5090 1	8	/5	1 / / / / / / / / / / / / / / / / / / /	
9 5090 2	0	, 15	511	
10 AC 9 PLEASE NOTE: Liability and Damages. Cardinal's liability and	ges. Cardinal's liability and client's exclusive remedy for any claim ansign whether based in contract or tool shall be liability and client's exclusive remedy for any claim ansign whether based in contract or tool shall be liability and client's exclusive remedy for any claim ansign whether based in contract or tool shall be liability and client's exclusive remedy for any claim.	8151 06/18/01	8 111	
analyses. All claims including those for negligence and any o service. In no event shall Cardinal be liable for incidental or o iffiliates or successors arising out of or related to the perform	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waked unless and in united on the influent pad by the client for the service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business ander in writing and received by Cardinal within 30 days after completion of the applicable affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such plain is based unon any of the above arrander account of the above account of the account of the above account of the account of	or rore, shall be smalled to the antibunit paid by th of received by Cardinal within 30 days after comy loss of use, or loss of profits incurred by client, it is based upon any of the above stated reaccome.	client for the section of the applicable subsidiaries, subsidiaries,	ı
Relinquished By:	Date: 16/11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	11/10/11	Verbal Result: ☐ Yes ☐ No Add'I Phone #:	
EAR Knum Relinquished By:	Date: Received By:	What is	REMARKS:	
	Time:			
Delivered By: (Circle One)	e	CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition	
Sampler - UPS - Bus - Other:	Corrected Temp. °C	(Initials)	E R	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

	osposation	BILL TO	ANALYSIS REQUEST	Ш
00000		Company:		
City:	State: Zip:	Attn:		Marketon Co.
Phone #:	Fax #:	Address:		
Project #:	Project Owner:	City:		*************
Project Name: LEE FEDERAL	141	State: Zip:		CONTRACTOR OF THE PARTY OF THE
Project Location: LEE FEDERAL	br	#:		-
Sampler Name: Joff Knum		Fax #:		MATERIAL PROPERTY.
FOR LAB USE ONLY		PRESERV. SAMPLING	ING	***************************************
Lab I.D. Sample I.D.		OTHER: ACID/BASE: ICE / COOL OTHER:	CL BIEX EXT. IPH	
11 1105		who	1 1 068	
PLEASE NOTE: Lability and Damages: Cardinal's liability and die analyses. All claims including those for negligence and any other of the control of the cont	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	or fort, shall be limited to the amount paid by received by Cardinal within 30 days after or	the client for the right of the applicable	
affiliates or successors arising out of or related to the performance Relinquished By:	affiliates or successors arising out of or related to the performance of services hereunder by clarificate. It reports of whether such claim is based upon any of the above stated reasons or otherwise. Relinquis hed By: Date: / Received By:	iss of use, or loss of profits incurred by client, its subside based upon any of the above stated reasons or otherways the stated reasons or otherways of the above stated reasons or otherways of the stated reasons or otherways or use.	It: Yes No	1
SKA Spear	Time: 1784)	Maken A	emailed. Ple	
	Time:		REMARKS:	
Delivered By: (Circle One)	Observed Temp. °C 4.8 Sample Condition	CHECKED BY:	S	
Sampler - UPS - Bus - Other: Cor	***************************************	76.	Thermometer ID +67. T.D. 0 21/20 Yes Yes Corrected Temp. C Correction Factor +0.4.5.	***************************************



March 07, 2014

BRUCE BAKER

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: LEE FEDERAL TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/06/14 10:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Organic Supervisor



Analytical Results For:

APACHE - EUNICE BRUCE BAKER P. O. BOX 1849 EUNICE NM, 88231 Fax To: 394-2425

Received: 03/06/2014 Sampling Date: 03/05/2014

Reported: 03/07/2014 Sampling Type: Soil

Project Name: LEE FEDERAL TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: T17S R31E

mg/kg

Sample ID: NORTH WALL (H400686-01)

BTEX 8260B

	31	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2014	ND	2.09	105	2.00	1.05	
Toluene*	<0.050	0.050	03/07/2014	ND	2.10	105	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/07/2014	ND	2.00	99.8	2.00	4.92	
Total Xylenes*	<0.150	0.150	03/07/2014	ND	6.05	101	6.00	5.87	
Total BTEX	<0.300	0.300	03/07/2014	ND					
Surrogate: Dibromofluoromethane	93.3	% 61.3-14	2						
Surrogate: Toluene-d8	105	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	103	% 65.7-14	1						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	03/07/2014	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	03/07/2014	ND	194	97.1	200	8.76	
DRO >C10-C28	<10.0	10.0	03/07/2014	ND	232	116	200	7.85	
Surrogate: 1-Chlorooctane	105	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	108	% 63.6-15	4						

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Mule Sough



Analytical Results For:

APACHE - EUNICE BRUCE BAKER P. O. BOX 1849 EUNICE NM, 88231 Fax To: 394-2425

Received: 03/06/2014 Sampling Date: 03/05/2014

Reported: 03/07/2014 Sampling Type: Soil

Project Name: LEE FEDERAL TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: T17S R31E

ma/ka

Sample ID: EAST WALL (H400686-02)

RTFY 8260R

B1EX 8260B	mg/	кд	Analyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2014	ND	2.09	105	2.00	1.05	
Toluene*	<0.050	0.050	03/07/2014	ND	2.10	105	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/07/2014	ND	2.00	99.8	2.00	4.92	
Total Xylenes*	<0.150	0.150	03/07/2014	ND	6.05	101	6.00	5.87	
Total BTEX	<0.300	0.300	03/07/2014	ND					
Surrogate: Dibromofluoromethane	97.8	% 61.3-14	2						
Surrogate: Toluene-d8	106	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102	% 65.7-14	1						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	03/07/2014	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	03/07/2014	ND	194	97.1	200	8.76	
DRO >C10-C28	<10.0	10.0	03/07/2014	ND	232	116	200	7.85	
Surrogate: 1-Chlorooctane	102 5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	104	% 63.6-15	4						

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Analytical Results For:

APACHE - EUNICE **BRUCE BAKER** P. O. BOX 1849 **EUNICE NM, 88231** Fax To: 394-2425

Received: 03/06/2014 Sampling Date: 03/05/2014

Reported: 03/07/2014 Sampling Type: Soil

Project Name: LEE FEDERAL TANK BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: T17S R31E

Sample ID: SOUTH WALL (H400686-03)

BTEX 8260B	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	03/07/2014	ND	2.09	105	2.00	1.05	
Toluene*	<0.050	0.050	03/07/2014	ND	2.10	105	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/07/2014	ND	2.00	99.8	2.00	4.92	
Total Xylenes*	<0.150	0.150	03/07/2014	ND	6.05	101	6.00	5.87	
Total BTEX	<0.300	0.300	03/07/2014	ND					
Surrogate: Dibromofluoromethane	94.4	% 61.3-14	2						
Surrogate: Toluene-d8	107	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	104	% 65.7-14	1						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	03/07/2014	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	03/07/2014	ND	194	97.1	200	8.76	
DRO >C10-C28	<10.0	10.0	03/07/2014	ND	232	116	200	7.85	
Surrogate: 1-Chlorooctane	105	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	109	% 63.6-15	4						

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Analytical Results For:

APACHE - EUNICE BRUCE BAKER P. O. BOX 1849 EUNICE NM, 88231 Fax To: 394-2425

Received: 03/06/2014 Sampling Date: 03/05/2014

Reported: 03/07/2014 Sampling Type: Soil

Project Name: LEE FEDERAL TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: T17S R31E

mg/kg

Sample ID: BOTTOM (H400686-04)

BTEX 8260B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2014	ND	2.09	105	2.00	1.05	
Toluene*	<0.050	0.050	03/07/2014	ND	2.10	105	2.00	4.70	
Ethylbenzene*	<0.050	0.050	03/07/2014	ND	2.00	99.8	2.00	4.92	
Total Xylenes*	<0.150	0.150	03/07/2014	ND	6.05	101	6.00	5.87	
Total BTEX	<0.300	0.300	03/07/2014	ND					
Surrogate: Dibromofluoromethane	95.6	% 61.3-14	2						
Surrogate: Toluene-d8	104	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	105	% 65.7-14	1						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	03/07/2014	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	03/07/2014	ND	194	97.1	200	8.76	
DRO >C10-C28	<10.0	10.0	03/07/2014	ND	232	116	200	7.85	
Surrogate: 1-Chlorooctane	99.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	106	% 63.6-15	4						

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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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Mile South

Mike Snyder, Organic Supervisor

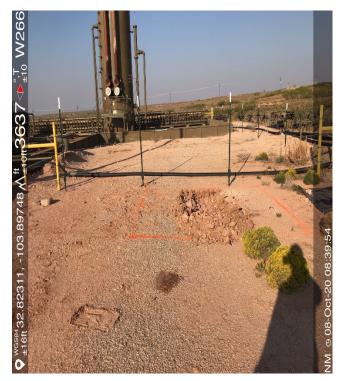
Page 6 of 7

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

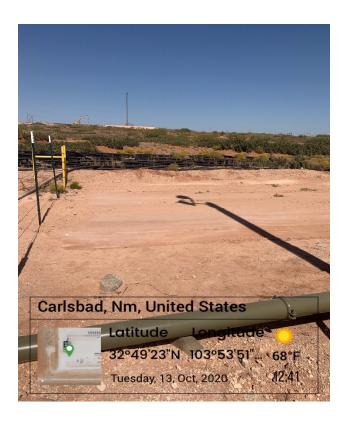
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

CONDITIONS

Action 10835

CONDITIONS

Operator:	OGRID:
APACHE CORPORATION	873
303 Veterans Airpark Ln	Action Number:
Midland, TX 79705	10835
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

(Condition	Condition Date
	bhall	Site will need to meet the requirements of 19.15.29.13 NMAC upon plugging and abandonment.	2/10/2023