

December 09, 2015

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: LEE FEDERAL #94

Enclosed are the results of analyses for samples received by the laboratory on 12/02/15 16:40.

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



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: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/30/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 1 @ 3' (H503155-01)

BTX 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	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTX	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/04/2015	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 97.7 % 35-147

Surrogate: 1-Chlorooctadecane 109 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/30/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 1 @ 4' (H503155-02)

BTX 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	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTX	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/04/2015	ND	432	108	400	7.14		

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	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 96.7 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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Fax To: (575) 393-2432

Received: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/30/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 1 @ 5' (H503155-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTEx	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/04/2015	ND	432	108	400	7.14	

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	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 98.0 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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

Received: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/30/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 2 @ 5' (H503155-04)

BTX 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	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTX	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	12/04/2015	ND	432	108	400	7.14	

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	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	52.0	10.0	12/03/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 106 % 35-147

Surrogate: 1-Chlorooctadecane 121 % 28-171

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

Received: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/30/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 2 @ 6' (H503155-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTEx	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/04/2015	ND	432	108	400	7.14		

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	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 97.7 % 35-147

Surrogate: 1-Chlorooctadecane 107 % 28-171

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

Received: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/30/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 2 @ 7' (H503155-06)

BTX 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	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTX	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/04/2015	ND	432	108	400	7.14	

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	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 92.4 % 35-147

Surrogate: 1-Chlorooctadecane 102 % 28-171

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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: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/30/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 3 @ 4' (H503155-07)

BTX 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	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTX	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	12/04/2015	ND	432	108	400	7.14	

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	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 98.2 % 35-147

Surrogate: 1-Chlorooctadecane 109 % 28-171

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

Received: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/30/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 3 @ 5' (H503155-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTEX	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	12/04/2015	ND	432	108	400	7.14	

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	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 96.4 % 35-147

Surrogate: 1-Chlorooctadecane 108 % 28-171

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

Received: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/30/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 3 @ 6' (H503155-09)

BTX 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	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTX	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/04/2015	ND	432	108	400	7.14		

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	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 89.1 % 35-147

Surrogate: 1-Chlorooctadecane 96.5 % 28-171

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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:	12/02/2015	Sampling Date:	12/02/2015
Reported:	12/09/2015	Sampling Type:	Soil
Project Name:	LEE FEDERAL #94	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

Sample ID: VERTICAL 4 @ SURFACE (H503155-10)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	1.52	1.00	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	6.05	1.00	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	16.9	3.00	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTEX	24.4	6.00	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16800	16.0	12/04/2015	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1920	200	12/03/2015	ND	184	91.9	200	4.54		
DRO >C10-C28	6310	200	12/03/2015	ND	178	89.0	200	5.51		

Surrogate: 1-Chlorooctane 143 % 35-147

Surrogate: 1-Chlorooctadecane 191 % 28-171

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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: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/01/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 4 @ 1' (H503155-11)

BTX 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	12/04/2015	ND	1.71	85.3	2.00	1.84		
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957		
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833		
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46		
Total BTX	<0.300	0.300	12/04/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/04/2015	ND	432	108	400	7.14	

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	12/04/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/04/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 94.6 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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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: 12/02/2015
Reported: 12/09/2015
Project Name: LEE FEDERAL #94
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/01/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: VERTICAL 4 @ 2' (H503155-12)

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	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTEx	<0.300	0.300	12/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/04/2015	ND	432	108	400	7.14	

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	12/04/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/04/2015	ND	178	89.0	200	5.51	

Surrogate: 1-Chlorooctane 100 % 35-147

Surrogate: 1-Chlorooctadecane 110 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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, Lab Director/Quality Manager



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

[illegible]

11/11/2020



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: <u>Apache</u>	P.O. #:	
Project Manager: <u>Bruce Baker</u>	Company:	
Address:	Attn:	
City:	State:	Zip:
Phone #:	Fax #:	Address:
Project #:	Project Owner:	City:
Project Name: <u>Apache</u>	State:	Zip:
Project Location: <u>Lee Federal #94</u>	Phone #:	
Sample Name: <u>Chris Flores</u>	Fax #:	

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

1603155

11. Vertical 4' Q1
12. Vertical 4' Q2

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

12-1-2015 10:30am

Chloride
BTEX
Tet

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Relinquished By:

Date: 12-2-2015 Received By:

Relinquished By:

Date: 12-2-2015 Received By:

Larry Baker

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

5.8c

Sample Condition
☒ Cool ☐ Intact
☐ Yes ☐ No

CHECKED BY:

5.8c

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

Larry Baker