

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/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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Received: 12/02/2015 Sampling Date: 11/30/2015

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 1 @ 3' (H503155-01)

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	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 9	% 73.6-14	0						
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	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	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 9	% 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 Sampling Date: 11/30/2015

Reported: 12/09/2015 Sampling Type: Soil

Project Name: LEE FEDERAL #94 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Judy Garcia

NOT GIVEN

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

Project Location:

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	104 9	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	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	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	,						
	1066	20.17							

106 % 28-171 Surrogate: 1-Chlorooctadecane

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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 Sampling Date: 11/30/2015

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

NOT GIVEN

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	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	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	7						
Surrogata: 1 Chloroctadacana	106	0/, 28 171							

Surrogate: 1-Chlorooctadecane 106 % 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 Sampling Date: 11/30/2015

Reported: 12/09/2015 Sampling Type: Soil

Project Name: LEE FEDERAL #94 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Judy Garcia

Project Location: **NOT GIVEN**

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

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	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	104 9	73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	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	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 9	% 35-147	,						
	121	20.171							

121 % 28-171 Surrogate: 1-Chlorooctadecane

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11/30/2015



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:

Reported: 12/09/2015 Sampling Type: Soil

Project Name:LEE FEDERAL #94Sampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Judy GarciaProject Location:NOT GIVEN

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

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	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 9	73.6-14	0						
Chloride, SM4500Cl-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	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	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 9	% 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 Sampling Date: 11/30/2015

Reported: 12/09/2015 Sampling Type: Soil

Project Name:LEE FEDERAL #94Sampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Judy GarciaProject Location:NOT GIVEN

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

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	103 9	73.6-14	0						
Chloride, SM4500Cl-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	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	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 9	% 28-171							

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

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Received: 12/02/2015 Sampling Date: 11/30/2015

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 3 @ 4' (H503155-07)

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	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	102 9	73.6-14	0						
Chloride, SM4500Cl-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	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	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 9	% 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 Sampling Date: 11/30/2015

Reported: 12/09/2015 Sampling Type: Soil

Project Name: LEE FEDERAL #94 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Judy Garcia

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

NOT GIVEN

Project Location:

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 %	73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	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	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 9	% 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 Sampling Date: 11/30/2015

Reported: 12/09/2015 Sampling Type: Soil

Project Name: LEE FEDERAL #94 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Judy Garcia

Project Location: **NOT GIVEN**

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

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	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	104 9	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	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	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							

Surrogate: 1-Chlorooctadecane 96.5 % 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 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 9	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	16800	16.0	12/04/2015	ND	432	108	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	1920	200	12/03/2015	ND	184	91.9	200	4.54	

Surrogate: 1-Chlorooctadecane 191 % 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 Sampling Date: 12/01/2015

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 @ 1' (H503155-11)

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	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 %	6 73.6-14	0						
Chloride, SM4500Cl-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	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	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 9	35-147	,						
Surrogate: 1-Chlorooctadecane	106 %	6 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 Sampling Date: 12/01/2015

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 @ 2' (H503155-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 %	6 73.6-14	0						
Chloride, SM4500Cl-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	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	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 %	6 35-147	,						
Surrogate: 1-Chlorooctadecane	110 %	6 28-171							

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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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Celeg D. Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	nache		BILL TO			ANALYSIS KEW	KEQUEUI	L
Project Manager:	5		P.O. #:					
Address:			Company:					
City:	State:	Zip:	Attn:					K ON JOHN S
Phone #:	Fax#:		Address:					
Project #:	Project Owner:		City:					
Project Name:	Oc. cine		State: Zip:					
Broject Location:	Host Island Hay		Phone #:					
rioject Location.	The same		Fax #:					
Sampler Name:	Churs Hores	MATRIY	FCERV	NG				
FOR LAB USE ONLY		P. MATRIX	PRESERV. SAMPLING					7.
ah I D	Sample I.D.	OR (C)OMF AINERS DWATER VATER	: SE: OOL	oride	ΞX			
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2	Jerthal 30 6	6-		3:20pm X	· ×			
3	dontral 4 0 Surface	611	1 12-2-2015	23:10 om 7	×		-	L
PLEASE NOTE: Liability and analyses. All claims including	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 applicable 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 in analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived in writing and received by Cardinal within 30 days after completion of the applicable.	any claim arising whether based in contr deemed waived unless made in writing a g without limitation, business interruption	act or tort, shall be limited to the amount p and received by Cardinal within 30 days at is, loss of use, or loss of profits incurred by	aid by the client for the fter completion of the application of the application, its subsidiaries,	able			
affiliales or successors arising	is arising out of or related to the performance of services hereunder by	der by Cardinal, regardless of whether such clai	of whether such claim is based upon any of the above stated reasons or otherwise Phone Res	Phone Result:	☐ Yes ☐ No	Add'l Phone #:		
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58.2

Sample Condition
Cool Infact
Cyes Xes
No No

CHECKED BY:
(Initials)
(7)

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Date: Time:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(5	(575) 393-2326 FAX (575) 393-2476	476				ANALYSIS REQUEST	
ompany Name:	thacke		BILL TO		-		
roject Manager:	Struce Baker		P.O. #:				
ddress:			Company:				
ity:	State:	Zip:	Attn:				
hone #:	Fax #:		Address:				
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Sampler Name:	harts Flores	The state of the s	٦	NG			
FOR LAB USE ONLY		IP. MATRIX	PRESERV. SAMPLING	Le			
Lab I.D.	Sample I.D.	G)RAB OR (C)OME CONTAINERS GROUNDWATER WASTEWATER SOIL DIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	Chlorid	BTEX		
0000	100 H (2) 1	- #		10:30 AM	+		
12	Vertical 40 2	5 ((D:404mx X	*		
PLEASE NOTE: Liability and analyses. All claims including	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or lost, 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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in entiring and received by Cardinal within 30 days after completion of the applicable.	dy for any claim arising whether based in col	ntract or tort, shall be limited to the amount p g and received by Cardinal within 30 days a	aid by the client for the fler completion of the applicat cellent, its subsidiaries,	ole .		
affiliates or successors arising Relinquished By:	Relinquished By: Time!	ter by Cardinal regardless of whether such or Received By:	By: Received By: Americal regardless of whether such claim is based upon any of the above stated reasons of omerwise phone are above stated reasons of other phone are above stated reasons of the	Phone Result: Fax Result: REMARKS:	☐ Yes ☐ No	Add'i Phone #: Add'i Fax #:	
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Sampler - UPS - Bus - Other:			No O	NAM C	· PO ILEN	m allandia	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326