

























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

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May 29, 2015

DAVID MATTHEWS

CHEVRON - HOBBS

1616 W. BENDER

HOBBS, NM 88240

RE: FRED TURNER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/22/15 13:00.

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](http://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:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: A @ 1' (H501295-01)**

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	61.6	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 131 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: A @ 2' (H501295-02)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46		
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52		
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89		
Total BTX	<0.300	0.300	05/26/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 97.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 118 % 52.1-176

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: A @ 3' (H501295-03)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 114 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: A @ 4' (H501295-04)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 111 % 47.2-157

Surrogate: 1-Chlorooctadecane 126 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: C @ 1' (H501295-05)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46		
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52		
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89		
Total BTEx	<0.300	0.300	05/26/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	153	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 96.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: C @ 2' (H501295-06)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEx	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

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	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	48.7	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: C @ 3' (H501295-07)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEx	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	506	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 106 % 47.2-157

Surrogate: 1-Chlorooctadecane 129 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: C @ 4' (H501295-08)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	78.3	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 125 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: D @ 1' (H501295-09)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	17.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 119 % 52.1-176

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: D @ 2' (H501295-10)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

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	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: D @ 3' (H501295-11)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: D @ 4' (H501295-12)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 98.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 113 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: E @ 1' (H501295-13)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEx	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed 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	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	642	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 190 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: E @ 2' (H501295-14)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEx	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	129	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: E @ 3' (H501295-15)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEx	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	159	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 99.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: E @ 4' (H501295-16)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTEx	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/27/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	2090	50.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 230 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: G @ 1' (H501295-17)**

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	05/26/2015	ND	1.68	84.0	2.00	3.46	
Toluene*	<0.050	0.050	05/26/2015	ND	1.84	92.1	2.00	1.04	
Ethylbenzene*	<0.050	0.050	05/26/2015	ND	1.72	86.1	2.00	3.52	
Total Xylenes*	<0.150	0.150	05/26/2015	ND	5.07	84.4	6.00	2.89	
Total BTX	<0.300	0.300	05/26/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	109	10.0	05/26/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 99.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: G @ 2' (H501295-18)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/27/2015	ND	432	108	400	7.69	

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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	<10.0	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 96.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: G @ 3' (H501295-19)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/27/2015	ND	432	108	400	7.69	

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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	13.1	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 98.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 115 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: G @ 4' (H501295-20)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/27/2015	ND	432	108	400	7.69	

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	05/23/2015	ND	168	84.0	200	0.286	
DRO >C10-C28	17.5	10.0	05/23/2015	ND	179	89.7	200	1.71	

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 124 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: H @ 1' (H501295-21)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19		
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99		
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78		
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19		
Total BTEx	<0.300	0.300	05/27/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500Cl-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	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 93.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: H @ 2' (H501295-22)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500Cl-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	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 90.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: H @ 3' (H501295-23)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500Cl-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	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	22.2	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 94.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: H @ 4' (H501295-24)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

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	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: I @ 1' (H501295-25)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

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	05/27/2015	ND	432	108	400	7.69		

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	216	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 97.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 114 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: I @ 2' (H501295-26)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	32.6	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 95.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: I @ 3' (H501295-27)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 96.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: I @ 4' (H501295-28)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

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	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 92.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: K @ 1' (H501295-29)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

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	05/27/2015	ND	432	108	400	7.69		

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 98.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: K @ 2' (H501295-30)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

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	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 99.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: K @ 3' (H501295-31)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

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	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: K @ 4' (H501295-32)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTX	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

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	05/27/2015	ND	432	108	400	7.69		

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 113 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: L @ 1' (H501295-33)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	05/22/2015	Sampling Date:	05/22/2015
Reported:	05/29/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: L @ 2' (H501295-34)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 61-154

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	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 94.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

 Received: 05/22/2015  
 Reported: 05/29/2015  
 Project Name: FRED TURNER BATTERY  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

 Sampling Date: 05/22/2015  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: L @ 3' (H501295-35)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 97.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 05/22/2015  
Reported: 05/29/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 05/22/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: L @ 4' (H501295-36)**

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	05/27/2015	ND	1.80	89.9	2.00	2.19	
Toluene*	<0.050	0.050	05/27/2015	ND	1.93	96.4	2.00	1.99	
Ethylbenzene*	<0.050	0.050	05/27/2015	ND	1.91	95.5	2.00	2.78	
Total Xylenes*	<0.150	0.150	05/27/2015	ND	5.63	93.9	6.00	2.19	
Total BTEx	<0.300	0.300	05/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/27/2015	ND	432	108	400	7.69	

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	05/26/2015	ND	177	88.3	200	4.29	
DRO >C10-C28	<10.0	10.0	05/26/2015	ND	188	94.0	200	6.98	

Surrogate: 1-Chlorooctane 92.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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\*=Accredited Analyte

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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.
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, Lab Director/Quality Manager



# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name: <b>Chevron</b>		P.O. #:		BILL TO																															
Project Manager: <b>David Matthews</b>		Company:		ANALYSIS REQUEST																															
Address:		Attn:																																	
City: <b>Hobbs</b>		Address:																																	
State:		City:																																	
Zip:		State:																																	
Phone #:		Fax #:																																	
Project #:		Project Owner:																																	
Project Name: <b>Fred Turner Battery</b>		City:																																	
Project Location: <b>Lee County, NM</b>		State:																																	
Sample Name: <b>Richard Altman</b>		Phone #:																																	
FOR LAB USE ONLY		Fax #:																																	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		CL		TPH		BTEX	
H501295		A 201'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		5/29/15		1:00		✓		✓		✓	
1		A 201'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
2		A 202'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
3		A 203'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
4		A 204'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
5		C 201'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
6		C 202'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
7		C 203'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
8		C 204'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
9		B 201'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
10		B 202'		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
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 analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.																																			
Relinquished By: <b>Richard Altman</b>		Date: <b>5/29/15</b>		Received By: <b>David Matthews</b>		Date: <b>5/29/15</b>		Time: <b>1:00</b>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: <b>505-222-2326</b>		Add'l Fax #: <b>505-222-2476</b>		REMARKS: <b>David</b>																	
Delivered By: (Circle One)		Time:		Sample Condition		Checked By: <b>David Matthews</b>																													
Sampler - UPS - Bus - Other:		3.42		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>																													





# CARDINAL Laboratories

2

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Chevron</u>		P.O. #:		BILL TO																																							
Project Manager:		Company:		ANALYSIS REQUEST																																							
Address:		Attn:																																									
City:		Address:																																									
State:		City:																																									
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Phone #:		Phone #:																																									
Fax #:		Fax #:																																									
Project #:		Project Owner:																																									
Project Name:		State:																																									
Project Location:		Zip:																																									
Sample Name:		Phone #:																																									
FOR LAB USE ONLY		Fax #:																																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME															
H501295		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
11		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
12		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
13		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
14		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
15		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
16		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
17		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
18		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
19		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
20		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
21		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
22		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
23		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
24		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
25		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
26		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
27		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
28		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
29		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
30		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
31		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
32		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
33		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
34		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
35		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
36		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
37		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
38		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
39		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
40		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
41		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
42		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
43		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
44		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
45		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
46		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
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48		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
49		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
50		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
51		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
52		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
53		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
54		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
55		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
56		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
57		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
58		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
59		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
60		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
61		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
62		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
63		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
64		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
65		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
66		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
67		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
68		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
69		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
70		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
71		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
72		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
73		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
74		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
75		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
76		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
77		D00 2'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
78		D00 3'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
79		D00 4'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
80		D00 1'		G		1		1		1		1		1		1		1		1		1		1		1		1		1													
81		D00 2'		G		1		1		1		1</																															





# CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3

Company Name: <u>Chertan</u>		P.O. #:		BILL TO																																									
Project Manager:		Company:		ANALYSIS REQUEST																																									
Address:		Attn:																																											
City:		Address:																																											
State:		City:																																											
Zip:		State:																																											
Phone #:		Fax #:																																											
Project #:		Project Owner:																																											
Project Name:		State:																																											
Project Location:		Phone #:																																											
Fax #:																																													
Sample Name:																																													
FOR LAB USE ONLY																																													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		CP		TPH		BTEx											
H501295		H201'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1											
H202'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H203'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H204'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H205'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H206'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H207'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H208'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H209'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H210'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H211'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H212'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H213'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H214'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H215'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H216'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H217'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H218'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H219'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H220'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H221'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H222'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
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H224'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H225'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H226'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H227'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H228'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H229'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H230'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H231'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H232'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H233'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H234'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H235'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H236'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H237'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H238'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H239'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H240'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H241'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H242'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H243'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H244'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H245'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H246'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H247'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H248'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H249'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H250'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H251'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H252'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H253'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H254'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H255'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H256'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H257'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H258'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H259'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H260'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H261'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H262'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H263'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H264'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H265'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H266'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H267'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H268'		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1													
H269'		1		1		1																																							



## 4

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

575) 393-2326

June 18, 2015

DAVID MATTHEWS

CHEVRON - HOBBS

1616 W. BENDER

HOBBS, NM 88240

RE: FRED TURNER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/10/15 15:30.

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](http://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:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: A - 5' (H501508-01)**

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	06/12/2015	ND	182	91.1	200	4.50		
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	183	91.6	200	2.57		

Surrogate: 1-Chlorooctane 94.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 119 % 52.1-176

**Sample ID: A - 6' (H501508-02)**

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	06/12/2015	ND	2.06	103	2.00	1.09	
Toluene*	<0.050	0.050	06/12/2015	ND	2.08	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	06/12/2015	ND	2.17	108	2.00	2.36	
Total Xylenes*	<0.150	0.150	06/12/2015	ND	5.99	99.8	6.00	2.88	
Total BTX	<0.300	0.300	06/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	06/12/2015	ND	432	108	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	06/12/2015	ND	182	91.1	200	4.50		

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: A - 6' (H501508-02)**

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	183	91.6	200	2.57	
Surrogate: 1-Chlorooctane	98.8 %	47.2-157							
Surrogate: 1-Chlorooctadecane	123 %	52.1-176							

**Sample ID: A - 7' (H501508-03)**

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	06/12/2015	ND	182	91.1	200	4.50	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	183	91.6	200	2.57	
Surrogate: 1-Chlorooctane	97.7 %	47.2-157							
Surrogate: 1-Chlorooctadecane	123 %	52.1-176							

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: A - 8' (H501508-04)**

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	06/12/2015	ND	2.06	103	2.00	1.09	
Toluene*	<0.050	0.050	06/12/2015	ND	2.08	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	06/12/2015	ND	2.17	108	2.00	2.36	
Total Xylenes*	<0.150	0.150	06/12/2015	ND	5.99	99.8	6.00	2.88	
Total BTX	<0.300	0.300	06/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	06/12/2015	ND	432	108	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	06/12/2015	ND	182	91.1	200	4.50	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	183	91.6	200	2.57	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 124 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: C - 5' (H501508-05)**

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	06/12/2015	ND	182	91.1	200	4.50	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	183	91.6	200	2.57	

*Surrogate: 1-Chlorooctane* 106 % 47.2-157*Surrogate: 1-Chlorooctadecane* 127 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: C - 6' (H501508-06)**

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	06/12/2015	ND	2.06	103	2.00	1.09	
Toluene*	<0.050	0.050	06/12/2015	ND	2.08	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	06/12/2015	ND	2.17	108	2.00	2.36	
Total Xylenes*	<0.150	0.150	06/12/2015	ND	5.99	99.8	6.00	2.88	
Total BTEx	<0.300	0.300	06/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 61-154

Chloride, SM4500Cl-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	06/12/2015	ND	432	108	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	06/12/2015	ND	182	91.1	200	4.50	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	183	91.6	200	2.57	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 122 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: C - 7' (H501508-07)**

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	06/12/2015	ND	182	91.1	200	4.50		
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	183	91.6	200	2.57		

*Surrogate: 1-Chlorooctane*      100 %      47.2-157*Surrogate: 1-Chlorooctadecane*      119 %      52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: C - 8' (H501508-08)**

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	06/12/2015	ND	2.06	103	2.00	1.09	
Toluene*	<0.050	0.050	06/12/2015	ND	2.08	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	06/12/2015	ND	2.17	108	2.00	2.36	
Total Xylenes*	<0.150	0.150	06/12/2015	ND	5.99	99.8	6.00	2.88	
Total BTX	<0.300	0.300	06/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 61-154

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	06/12/2015	ND	432	108	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	06/12/2015	ND	182	91.1	200	4.50	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	183	91.6	200	2.57	

Surrogate: 1-Chlorooctane 99.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 119 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: D - 5' (H501508-09)**

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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

*Surrogate: 1-Chlorooctane* 93.2 % 47.2-157*Surrogate: 1-Chlorooctadecane* 98.5 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: D - 6' (H501508-10)**

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	06/12/2015	ND	2.06	103	2.00	1.09	
Toluene*	<0.050	0.050	06/12/2015	ND	2.08	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	06/12/2015	ND	2.17	108	2.00	2.36	
Total Xylenes*	<0.150	0.150	06/12/2015	ND	5.99	99.8	6.00	2.88	
Total BTX	<0.300	0.300	06/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

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	06/12/2015	ND	432	108	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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

Surrogate: 1-Chlorooctane 95.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.5 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: D - 7' (H501508-11)**

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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

*Surrogate: 1-Chlorooctane* 92.3 % 47.2-157*Surrogate: 1-Chlorooctadecane* 98.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: D - 8' (H501508-12)**

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	06/12/2015	ND	2.06	103	2.00	1.09	
Toluene*	<0.050	0.050	06/12/2015	ND	2.08	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	06/12/2015	ND	2.17	108	2.00	2.36	
Total Xylenes*	<0.150	0.150	06/12/2015	ND	5.99	99.8	6.00	2.88	
Total BTX	<0.300	0.300	06/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 61-154

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	06/12/2015	ND	432	108	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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

Surrogate: 1-Chlorooctane 85.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 88.4 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: E - 5' (H501508-13)**

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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

*Surrogate: 1-Chlorooctane* 87.6 % 47.2-157*Surrogate: 1-Chlorooctadecane* 93.8 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: E - 6' (H501508-14)**

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	06/12/2015	ND	2.06	103	2.00	1.09	
Toluene*	<0.050	0.050	06/12/2015	ND	2.08	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	06/12/2015	ND	2.17	108	2.00	2.36	
Total Xylenes*	<0.150	0.150	06/12/2015	ND	5.99	99.8	6.00	2.88	
Total BTEX	<0.300	0.300	06/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/12/2015	ND	432	108	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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

Surrogate: 1-Chlorooctane 93.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: E - 7' (H501508-15)**

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	06/11/2015	ND	185	92.5	200	8.83		
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04		

*Surrogate: 1-Chlorooctane* 83.7 % 47.2-157*Surrogate: 1-Chlorooctadecane* 86.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: E - 8' (H501508-16)**

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	06/12/2015	ND	2.06	103	2.00	1.09	
Toluene*	<0.050	0.050	06/12/2015	ND	2.08	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	06/12/2015	ND	2.17	108	2.00	2.36	
Total Xylenes*	<0.150	0.150	06/12/2015	ND	5.99	99.8	6.00	2.88	
Total BTX	<0.300	0.300	06/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

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	06/12/2015	ND	432	108	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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

Surrogate: 1-Chlorooctane 94.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.7 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: G - 5' (H501508-17)**

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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

*Surrogate: 1-Chlorooctane* 84.9 % 47.2-157*Surrogate: 1-Chlorooctadecane* 89.0 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: G - 6' (H501508-18)**

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	06/15/2015	ND	1.95	97.5	2.00	0.740		
Toluene*	<0.050	0.050	06/15/2015	ND	1.95	97.7	2.00	1.01		
Ethylbenzene*	<0.050	0.050	06/15/2015	ND	2.03	101	2.00	0.362		
Total Xylenes*	<0.150	0.150	06/15/2015	ND	5.61	93.5	6.00	0.481		
Total BTEx	<0.300	0.300	06/15/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	06/12/2015	ND	432	108	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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

Surrogate: 1-Chlorooctane 86.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 92.6 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: G - 7' (H501508-19)**

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	06/11/2015	ND	185	92.5	200	8.83		
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04		

*Surrogate: 1-Chlorooctane* 81.5 % 47.2-157*Surrogate: 1-Chlorooctadecane* 85.8 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: G - 8' (H501508-20)**

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	06/15/2015	ND	1.95	97.5	2.00	0.740		
Toluene*	<0.050	0.050	06/15/2015	ND	1.95	97.7	2.00	1.01		
Ethylbenzene*	<0.050	0.050	06/15/2015	ND	2.03	101	2.00	0.362		
Total Xylenes*	<0.150	0.150	06/15/2015	ND	5.61	93.5	6.00	0.481		
Total BTEx	<0.300	0.300	06/15/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	06/12/2015	ND	432	108	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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

Surrogate: 1-Chlorooctane 88.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 93.8 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: H - 5' (H501508-21)**

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	06/11/2015	ND	185	92.5	200	8.83		
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04		

*Surrogate: 1-Chlorooctane* 88.5 % 47.2-157*Surrogate: 1-Chlorooctadecane* 92.4 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: H - 6' (H501508-22)**

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	06/15/2015	ND	1.95	97.5	2.00	0.740	
Toluene*	<0.050	0.050	06/15/2015	ND	1.95	97.7	2.00	1.01	
Ethylbenzene*	<0.050	0.050	06/15/2015	ND	2.03	101	2.00	0.362	
Total Xylenes*	<0.150	0.150	06/15/2015	ND	5.61	93.5	6.00	0.481	
Total BTEx	<0.300	0.300	06/15/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 61-154

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	06/12/2015	ND	432	108	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	06/11/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/11/2015	ND	185	92.7	200	7.04	

Surrogate: 1-Chlorooctane 79.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 82.4 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: H - 7' (H501508-23)**

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	06/12/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	185	92.7	200	7.04	

*Surrogate: 1-Chlorooctane* 78.9 % 47.2-157*Surrogate: 1-Chlorooctadecane* 82.3 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: H - 8' (H501508-24)**

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	06/15/2015	ND	1.95	97.5	2.00	0.740	
Toluene*	<0.050	0.050	06/15/2015	ND	1.95	97.7	2.00	1.01	
Ethylbenzene*	<0.050	0.050	06/15/2015	ND	2.03	101	2.00	0.362	
Total Xylenes*	<0.150	0.150	06/15/2015	ND	5.61	93.5	6.00	0.481	
Total BTEx	<0.300	0.300	06/15/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/12/2015	ND	432	108	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	06/12/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	185	92.7	200	7.04	

Surrogate: 1-Chlorooctane 85.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 89.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: I - 5' (H501508-25)**

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	06/12/2015	ND	185	92.5	200	8.83		
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	185	92.7	200	7.04		

*Surrogate: 1-Chlorooctane* 75.7 % 47.2-157*Surrogate: 1-Chlorooctadecane* 80.4 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: I - 6' (H501508-26)**

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	06/15/2015	ND	1.95	97.5	2.00	0.740	
Toluene*	<0.050	0.050	06/15/2015	ND	1.95	97.7	2.00	1.01	
Ethylbenzene*	<0.050	0.050	06/15/2015	ND	2.03	101	2.00	0.362	
Total Xylenes*	<0.150	0.150	06/15/2015	ND	5.61	93.5	6.00	0.481	
Total BTEx	<0.300	0.300	06/15/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	06/12/2015	ND	432	108	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	06/12/2015	ND	185	92.5	200	8.83	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	185	92.7	200	7.04	

Surrogate: 1-Chlorooctane 84.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 91.2 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: I - 7' (H501508-27)**

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	06/12/2015	ND	185	92.5	200	8.83		
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	185	92.7	200	7.04		

*Surrogate: 1-Chlorooctane* 99.2 % 47.2-157*Surrogate: 1-Chlorooctadecane* 103 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: I - 8' (H501508-28)**

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	06/15/2015	ND	1.95	97.5	2.00	0.740	
Toluene*	<0.050	0.050	06/15/2015	ND	1.95	97.7	2.00	1.01	
Ethylbenzene*	<0.050	0.050	06/15/2015	ND	2.03	101	2.00	0.362	
Total Xylenes*	<0.150	0.150	06/15/2015	ND	5.61	93.5	6.00	0.481	
Total BTEx	<0.300	0.300	06/15/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	06/12/2015	ND	432	108	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	06/12/2015	ND	175	87.4	200	1.24	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	191	95.7	200	0.512	

Surrogate: 1-Chlorooctane 99.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 120 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: K - 5' (H501508-29)**

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	06/12/2015	ND	175	87.4	200	1.24		
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	191	95.7	200	0.512		

*Surrogate: 1-Chlorooctane* 97.9 % 47.2-157*Surrogate: 1-Chlorooctadecane* 122 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: K - 6' (H501508-30)**

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	06/15/2015	ND	1.95	97.5	2.00	0.740	
Toluene*	<0.050	0.050	06/15/2015	ND	1.95	97.7	2.00	1.01	
Ethylbenzene*	<0.050	0.050	06/15/2015	ND	2.03	101	2.00	0.362	
Total Xylenes*	<0.150	0.150	06/15/2015	ND	5.61	93.5	6.00	0.481	
Total BTEx	<0.300	0.300	06/15/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

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	06/12/2015	ND	432	108	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	06/12/2015	ND	175	87.4	200	1.24	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	191	95.7	200	0.512	

Surrogate: 1-Chlorooctane 94.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: K - 7' (H501508-31)**

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	06/12/2015	ND	175	87.4	200	1.24	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	191	95.7	200	0.512	

*Surrogate: 1-Chlorooctane* 91.7 % 47.2-157*Surrogate: 1-Chlorooctadecane* 115 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: K - 8' (H501508-32)**

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	06/15/2015	ND	1.95	97.5	2.00	0.740	
Toluene*	<0.050	0.050	06/15/2015	ND	1.95	97.7	2.00	1.01	
Ethylbenzene*	<0.050	0.050	06/15/2015	ND	2.03	101	2.00	0.362	
Total Xylenes*	<0.150	0.150	06/15/2015	ND	5.61	93.5	6.00	0.481	
Total BTX	<0.300	0.300	06/15/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 61-154

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	06/12/2015	ND	432	108	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	06/12/2015	ND	175	87.4	200	1.24	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	191	95.7	200	0.512	

Surrogate: 1-Chlorooctane 94.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 118 % 52.1-176

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: L - 5' (H501508-33)**

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	06/12/2015	ND	175	87.4	200	1.24		
<b>DRO &gt;C10-C28</b>	<b>10.3</b>	10.0	06/12/2015	ND	191	95.7	200	0.512		

*Surrogate: 1-Chlorooctane* 91.4 % 47.2-157*Surrogate: 1-Chlorooctadecane* 115 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 CHEVRON - HOBBS  
 DAVID MATTHEWS  
 1616 W. BENDER  
 HOBBS NM, 88240  
 Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: L - 6' (H501508-34)**

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	06/15/2015	ND	1.95	97.5	2.00	0.740	
Toluene*	<0.050	0.050	06/15/2015	ND	1.95	97.7	2.00	1.01	
Ethylbenzene*	<0.050	0.050	06/15/2015	ND	2.03	101	2.00	0.362	
Total Xylenes*	<0.150	0.150	06/15/2015	ND	5.61	93.5	6.00	0.481	
Total BTEx	<0.300	0.300	06/15/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

Chloride, SM4500Cl-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	06/12/2015	ND	432	108	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	06/12/2015	ND	175	87.4	200	1.24	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	191	95.7	200	0.512	

Surrogate: 1-Chlorooctane 97.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 119 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:Received: 06/10/2015  
Reported: 06/18/2015  
Project Name: FRED TURNER BATTERY  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NMSampling Date: 06/10/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson**Sample ID: L - 7' (H501508-35)**

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	06/12/2015	ND	175	87.4	200	1.24		
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	191	95.7	200	0.512		

*Surrogate: 1-Chlorooctane* 95.5 % 47.2-157*Surrogate: 1-Chlorooctadecane* 115 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

CHEVRON - HOBBS  
DAVID MATTHEWS  
1616 W. BENDER  
HOBBS NM, 88240  
Fax To:

Received:	06/10/2015	Sampling Date:	06/10/2015
Reported:	06/18/2015	Sampling Type:	Soil
Project Name:	FRED TURNER BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: L - 8' (H501508-36)**

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	06/15/2015	ND	1.95	97.5	2.00	0.740	
Toluene*	<0.050	0.050	06/15/2015	ND	1.95	97.7	2.00	1.01	
Ethylbenzene*	<0.050	0.050	06/15/2015	ND	2.03	101	2.00	0.362	
Total Xylenes*	<0.150	0.150	06/15/2015	ND	5.61	93.5	6.00	0.481	
Total BTEx	<0.300	0.300	06/15/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/12/2015	ND	432	108	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	06/12/2015	ND	175	87.4	200	1.24	
DRO >C10-C28	<10.0	10.0	06/12/2015	ND	191	95.7	200	0.512	

Surrogate: 1-Chlorooctane 91.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 112 % 52.1-176

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**Notes and Definitions**

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

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Celey D. Keene, Lab Director/Quality Manager



# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

<b>Company Name:</b> <u>Cheyron</u>		<b>P.O. #:</b>		<b>BILL TO</b>									
<b>Project Manager:</b> <u>David Matthews</u>		<b>Company:</b>		<b>ANALYSIS REQUEST</b>									
<b>Address:</b>		<b>Attn:</b>											
<b>City:</b>		<b>State:</b>		<b>Zip:</b>									
<b>Phone #:</b>		<b>Fax #:</b>		<b>Address:</b>									
<b>Project #:</b>		<b>City:</b>		<b>State:</b>		<b>Zip:</b>							
<b>Project Name:</b> <u>Fred Turner Battery</u>		<b>State:</b>		<b>Zip:</b>									
<b>Project Location:</b> <u>Lea County NM</u>		<b>Phone #:</b>											
<b>Sampler Name:</b> <u>Richard Atman</u>		<b>Fax #:</b>											
<small>FOR LAB USE ONLY</small>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV</b>		<b>SAMPLING</b>	
								<b>GROUNDWATER</b>					
								<b>WASTEWATER</b>					
								<b>SOIL</b>					
								<b>OIL</b>					
								<b>SLUDGE</b>					
								<b>OTHER :</b>					
								<b>ACID/BASE:</b>					
								<b>ICE / COOL</b>					
								<b>OTHER :</b>					
								<b>DATE</b>		<b>TIME</b>			
<u>H501508</u>		<u>A-5 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>		<u>CE</u>	
<u>1</u>		<u>A-5 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>		<u>TPH</u>	
<u>2</u>		<u>A-6 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>		<u>BTEX</u>	
<u>3</u>		<u>A-7 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>			
<u>4</u>		<u>A-8 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>			
<u>5</u>		<u>C-5 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>			
<u>6</u>		<u>C-6 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>			
<u>7</u>		<u>C-7 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>			
<u>8</u>		<u>C-8 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>			
<u>9</u>		<u>D-5 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>			
<u>10</u>		<u>D-6 ft</u>		<u>G1</u>		<u>1</u>		<u>6/10/15</u>		<u>7:30</u>			

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<b>Relinquished By:</b> <u>Richard Atman</u>	<b>Date:</b> <u>6/10/15</u>	<b>Received By:</b> <u>Heidi Hunter</u>	<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Add'l Phone #:</b>
<b>Relinquished By:</b>	<b>Date:</b>	<b>Received By:</b>	<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Add'l Fax #:</b>
<b>Time:</b>	<b>Time:</b>	<b>Time:</b>	<b>REMARKS:</b>	

<b>Delivered By: (Circle One)</b>	<b>Sample Condition</b>	<b>CHECKED BY: (Initials)</b>
<b>Sampler - UPS - Bus - Other:</b> <u>0.40</u>	<b>Cool</b> <input checked="" type="checkbox"/> <b>Intact</b> <input checked="" type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input type="checkbox"/>	<u>[Signature]</u>

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

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## Page 39 of 41

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

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Chiverr</u>		<b>BILL TO</b>		ANALYSIS REQUEST																	
Project Manager: <u>David Matthews</u>		P.O. #:																			
Address:		Company:																			
City:		Attn:																			
State:		Address:																			
Zip:																					
Phone #:																					
Fax #:																					
Project #:		City:																			
Project Owner:		State:																			
Project Name: <u>Fred Turner Battery</u>		Zip:																			
Project Location: <u>Lee County ALA.</u>		Phone #:																			
Sampler Name: <u>Richard Altman</u>		Fax #:																			
FOR LAB USE ONLY																					
Lab I.D.		Sample I.D.		MATRIX		PRESERV.		SAMPLING													
H501508				(G)RAB OR (C)OMP.																	
				# CONTAINERS																	
				GROUNDWATER																	
				WASTEWATER																	
				SOIL																	
				OIL																	
				SLUDGE																	
				OTHER :																	
				ACID/BASE:																	
				ICE / COOL																	
				OTHER :																	
				DATE		TIME															
21 H-5F+		G1		6-10-15		7:30				C TPH BTEX											
22 H-6F+		G1																			
23 H-7F+		G1																			
24 H-8F+		G1																			
25 I-5F+		G1																			
26 I-6F+		G1																			
27 I-7F+		G1																			
28 I-8F+		G1																			
29 K-5F+		G1																			
30 K-6F+		G1																			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.																					
Relinquished By: <u>Richard Altman</u>		Date: <u>6/10/15</u>		Received By: <u>David Turner</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: <u>          </u>													
Relinquished By: <u>Richard Altman</u>		Time: <u>3:30</u>		Received By: <u>David Turner</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #: <u>          </u>													
Delivered By: (Circle One)		Sample Condition		CHECKED BY: <u>(initials)</u>																	
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>																			
<u>0.40</u>		Yes <input type="checkbox"/> No <input type="checkbox"/>																			





## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <b>Sherron</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
Project Manager: <b>David Matthew</b>		P.O. #:											
Address:		Company:											
City:		Attn:											
State:		Address:											
Zip:		City:											
Phone #:		State:											
Fax #:		Zip:											
Project #:		Phone #:											
Project Name: <b>Fred Turner Battery</b>		Fax #:											
Project Location: <b>La County, N.M.</b>													
Sampler Name: <b>Richard Atmar</b>													

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	CL	TPH	BTEX	
<b>H501508</b>	31 K- 7 Ft	G	1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	6/10/15	7:30	-	-	-
	32 K- 8 Ft	G	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	33 L- 5 Ft	G	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	34 L- 4 Ft	G	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	35 L- 7 Ft	G	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36 L- 8 Ft	G	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Relinquished By: **Richard Atmar**

Relinquished By: **Richard Atmar**

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

Date: **6/10/15**

Time: **5:35**

Date: **6/10/15**

Time: **5:35**

Received By: **David Sherron**

Received By: **David Sherron**

Sample Condition

Cool ☒ Intact ☒

Yes ☒ No ☐

Yes ☒ No ☐

CHECKED BY: **(Signature)**

REMARKS:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Add'l Phone #:

Add'l Fax #:



4500 North Prince  
Clovis, NM 88130  
Phone: (575) 762-4759  
www.curtisseed.com

Watson Construction  
15 Acre BLM #2, Broadcast Rate  
15 - 1 Acre Bags @ 3438 Bulk Pounds Each

<u>Item</u>	<u>Origin</u>	<u>Purity</u>	<u>Germ</u>	<u>Dormant</u>	<u>Total/ Germination</u>	<u>Test Date</u>	<u>Total PLS Pounds</u>
Sand Dropseed VNS	Texas	11.99%	7.00%	90.00%	97.00%	03/15	60.00
Little Bluestem Blaze	Nebraska	17.99%	97.00%	0.00%	97.00% (Z)	02/15	90.00
Coreopsis Plains	Oregon	12.00%	97.00%	0.00%	97.00%	01/15	60.00
Plains Bristlegrass VNS	Oklahoma	30.30%	15.00%	81.00%	96.00%	03/15	150.00
Sideoats Grama El Reno	New Mexico	18.76%	93.00%	0.00%	93.00%	03/15	90.00

Other Crop:	0.28%
Weed Seed:	0.17%
Inert Matter:	8.51%

There Are 15 Bags For The Mix  
This Bag Weighs 34.38 Bulk Pounds  
Use This Bag For 4 Acres

Total Bulk Pounds: 516



### Fred Turner #3

Once reclamation work began, an old spill containing oil and/or produced water was discovered. A C-141 form, as well as a remediation plan, was submitted to Kellie Jones at the Oil Conservation Division. After removing 4 ft from the entire berm and separator area, soil samples were taken and sent to Cardinal Labs for testing. The results from these tests showed there were still high levels of chloride present. Another 4 ft was removed from the entire berm and separator area, and more soil samples taken. The results from these tests showed significantly reduced levels of chlorides and other contaminants. These results were shown to Kellie Jones, and she advised that this was sufficient and we could backfill the entire area. The area was backfilled with caliche and a 2ft cap of topsoil, and the area was seeded with BLM #2 seed.