















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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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
<b>Chloride</b>	<b>656</b>	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	
<b>DRO &gt;C10-C28</b>	<b>61.6</b>	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	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 @ 2' (H501295-02)**

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, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	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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 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 @ 3' (H501295-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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	
<b>Chloride</b>	<b>864</b>	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

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 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 @ 4' (H501295-04)**

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
<b>Chloride</b>	<b>1040</b>	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	
<b>Chloride</b>	<b>64.0</b>	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		
<b>DRO &gt;C10-C28</b>	<b>153</b>	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	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 @ 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		
<b>DRO &gt;C10-C28</b>	<b>48.7</b>	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	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 @ 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	
<b>Chloride</b>	<b>32.0</b>	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		
<b>DRO &gt;C10-C28</b>	<b>506</b>	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)**

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	
<b>Chloride</b>	<b>96.0</b>	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		
<b>DRO &gt;C10-C28</b>	<b>78.3</b>	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	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: D @ 1' (H501295-09)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	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		
<b>DRO &gt;C10-C28</b>	<b>17.0</b>	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	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: D @ 2' (H501295-10)**

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	
<b>Chloride</b>	<b>48.0</b>	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	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: D @ 3' (H501295-11)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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	
<b>Chloride</b>	<b>32.0</b>	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	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: D @ 4' (H501295-12)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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, 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 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	
<b>Chloride</b>	<b>192</b>	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			
<b>DRO &gt;C10-C28</b>	<b>642</b>	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, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>176</b>	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		
<b>DRO &gt;C10-C28</b>	<b>129</b>	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	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 @ 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, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>272</b>	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		
<b>DRO &gt;C10-C28</b>	<b>159</b>	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
<b>Chloride</b>	<b>288</b>	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		
<b>DRO &gt;C10-C28</b>	<b>2090</b>	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	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 @ 1' (H501295-17)**

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, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>112</b>	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		
<b>DRO &gt;C10-C28</b>	<b>109</b>	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	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 @ 2' (H501295-18)**

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	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	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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\* = 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	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 @ 3' (H501295-19)**

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	
<b>Chloride</b>	<b>128</b>	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		
<b>DRO &gt;C10-C28</b>	<b>13.1</b>	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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\*=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	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)**

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	
<b>Chloride</b>	<b>128</b>	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		
<b>DRO &gt;C10-C28</b>	<b>17.5</b>	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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\*=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	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 @ 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)**

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	<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		
<b>DRO &gt;C10-C28</b>	<b>22.2</b>	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, 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		
<b>DRO &gt;C10-C28</b>	<b>216</b>	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, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	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	
<b>DRO &gt;C10-C28</b>	<b>32.6</b>	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	
<b>Chloride</b>	<b>64.0</b>	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, 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 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)**

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, 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 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)**

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	<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	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 @ 3' (H501295-31)**

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	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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**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 @ 4' (H501295-32)**

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, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>80.0</b>	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
<b>Chloride</b>	<b>96.0</b>	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	
<b>Chloride</b>	<b>144</b>	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	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 @ 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, SM4500Cl-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	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 @ 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, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	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*

Cardinal Laboratories

\*=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





# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: CHEVRON  
Project Manager: David Mathews

P.O. #:  
Company:  
Attn:

ANALYSIS REQUEST

Address:  
City: Hobbs State: Zip:  
Phone #: Fax #:  
Project #:

Address:  
City:  
State: Zip:

Project Name: Fred Turner Battery  
Project Location: Lee County, NM

Phone #:  
Fax #:

Sampler Name: Richard Atkinson

Phone #:  
Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL	TPH	BTEX	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						ICE / COOL
<u>H501295</u>	<u>A 201'</u>	<u>G</u>	<u>1</u>			<u>1</u>						<u>5/29/15</u>	<u>1:00</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>A 202'</u>	<u>G</u>	<u>1</u>			<u>1</u>								<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>A 203'</u>	<u>G</u>	<u>1</u>			<u>1</u>								<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>A 204'</u>	<u>G</u>	<u>1</u>			<u>1</u>								<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>C 201'</u>	<u>G</u>	<u>1</u>			<u>1</u>								<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>C 202'</u>	<u>G</u>	<u>1</u>			<u>1</u>								<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>C 203'</u>	<u>G</u>	<u>1</u>			<u>1</u>								<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>C 204'</u>	<u>G</u>	<u>1</u>			<u>1</u>								<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>B 201'</u>	<u>G</u>	<u>1</u>			<u>1</u>								<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>B 202'</u>	<u>G</u>	<u>1</u>			<u>1</u>								<u>✓</u>	<u>✓</u>	<u>✓</u>

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Relinquished By: Richard Atkinson  
Date: 5/29/15  
Time: 13:00  
Received By: David Henderson  
Date: \_\_\_\_\_  
Time: \_\_\_\_\_

Phone Result:  Yes  No  Add'l Phone #:  
Fax Result:  Yes  No  Add'l Fax #:  
REMARKS: David

Delivered By: (Circle One)  
Sampler - UPS - Bus - Other: 3.42

CHECKED BY: [Signature]  
Sample Condition: Cool  Intact   
Yes  No

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #c44



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

3

Company Name: <b>Cherton</b>		P.O. #:	
Project Manager:		Company:	
Address:	State:	Attn:	Address:
City:	Zip:	City:	State:
Phone #:	Fax #:	Address:	Zip:
Project #:	Project Owner:	City:	State:
Project Name:		State:	Zip:
Project Location:		Phone #:	
Sampler Name:		Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CP	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H501295	H21'	G	1								5/24/15	9:00			
	H22'														
	H23'														
	H24'														
	H21'														
	H22'														
	H23'														
	H24'														
	K21'														
	K22'														

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising under this 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: **Richard Atkinson** Date: **5/22/15** Received By: **Shannon**

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_

Time: \_\_\_\_\_

Delivered By: (Circle One) **UPS**  **Bus**  **Other**

Sample Condition:  Intact  Cool  Yes  No

Checked By: **[Signature]**

Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: Devtron

Project Manager:

**BILL TO**

ANALYSIS REQUEST

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_  
 Project Name: \_\_\_\_\_  
 Project Location: \_\_\_\_\_  
 Sampler Name: \_\_\_\_\_  
 FOR LAB USE ONLY

P.O. #: \_\_\_\_\_ Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H501295	K03'	G	1						5/22/15	10:00	>	>	>	
31	K04'	G	1								>	>	>	
33	L02'	G	1								>	>	>	
34	L02'	G	1								>	>	>	
35	L03'	G	1								>	>	>	
36	L04'	G	1								>	>	>	

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Relinquished By: Richard Atkinson Date: 5/22/15 Received By: Spodi Jensen  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One) UPS Sample Condition:  Intact  Cool  Yes  No  
 Sampler - UPS - Bus - Other: 40 CHECKED BY: [Signature]  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

\* Cardinal cannot accept verbal changes. Please fax written changes to (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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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 - 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	
<i>Surrogate: 1-Chlorooctane</i>									
	94.4 %	47.2-157							
<i>Surrogate: 1-Chlorooctadecane</i>									
	119 %	52.1-176							

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

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					
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>									
	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
<b>Chloride</b>	<b>976</b>	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	

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: 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	
<i>Surrogate: 1-Chlorooctane</i>	<i>98.8 %</i>	<i>47.2-157</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>123 %</i>	<i>52.1-176</i>							

**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	
<i>Surrogate: 1-Chlorooctane</i>	<i>97.7 %</i>	<i>47.2-157</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>123 %</i>	<i>52.1-176</i>							

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

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, 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	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 - 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	

<i>Surrogate: 1-Chlorooctane</i>	<i>106 %</i>	<i>47.2-157</i>
<i>Surrogate: 1-Chlorooctadecane</i>	<i>127 %</i>	<i>52.1-176</i>

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: 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, 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 102 % 47.2-157*
*Surrogate: 1-Chlorooctadecane 122 % 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: 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	

<i>Surrogate: 1-Chlorooctane</i>	<i>100 %</i>	<i>47.2-157</i>
<i>Surrogate: 1-Chlorooctadecane</i>	<i>119 %</i>	<i>52.1-176</i>

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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)**

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, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	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	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 - 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	
<i>Surrogate: 1-Chlorooctane</i>	<i>93.2 %</i>	<i>47.2-157</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>98.5 %</i>	<i>52.1-176</i>							

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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)**

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) 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	06/11/2015	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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**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 - 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	
<i>Surrogate: 1-Chlorooctane</i>	<i>92.3 %</i>	<i>47.2-157</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>98.9 %</i>	<i>52.1-176</i>							

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**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)**

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, 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	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 - 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	

<i>Surrogate: 1-Chlorooctane</i>	87.6 %	47.2-157
<i>Surrogate: 1-Chlorooctadecane</i>	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	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 - 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
<b>Chloride</b>	<b>192</b>	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	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 - 7' (H501508-15)**

Analyte	mg/kg		Analyzed By: MS						
	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	
<i>Surrogate: 1-Chlorooctane</i>	83.7 %	47.2-157							
<i>Surrogate: 1-Chlorooctadecane</i>	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)**

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) 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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**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 - 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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**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
<b>Chloride</b>	<b>624</b>	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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\*=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: 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	

<i>Surrogate: 1-Chlorooctane</i>	<i>81.5 %</i>	<i>47.2-157</i>
<i>Surrogate: 1-Chlorooctadecane</i>	<i>85.8 %</i>	<i>52.1-176</i>

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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, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>416</b>	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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 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 - 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	

<i>Surrogate: 1-Chlorooctane</i>	88.5 %	47.2-157
<i>Surrogate: 1-Chlorooctadecane</i>	92.4 %	52.1-176

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**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, 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	06/11/2015	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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**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 - 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	

<i>Surrogate: 1-Chlorooctane</i>	78.9 %	47.2-157
<i>Surrogate: 1-Chlorooctadecane</i>	82.3 %	52.1-176

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**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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**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	

<i>Surrogate: 1-Chlorooctane</i>	<i>75.7 %</i>	<i>47.2-157</i>
<i>Surrogate: 1-Chlorooctadecane</i>	<i>80.4 %</i>	<i>52.1-176</i>

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**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, SM4500Cl-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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 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 - 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	
<i>Surrogate: 1-Chlorooctane</i>	<i>99.2 %</i>	<i>47.2-157</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>103 %</i>	<i>52.1-176</i>							

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 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, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>640</b>	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	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 - 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	

<i>Surrogate: 1-Chlorooctane</i>	<i>97.9 %</i>	<i>47.2-157</i>
<i>Surrogate: 1-Chlorooctadecane</i>	<i>122 %</i>	<i>52.1-176</i>

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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
<b>Chloride</b>	<b>48.0</b>	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	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 - 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	

<i>Surrogate: 1-Chlorooctane</i>	<i>91.7 %</i>	<i>47.2-157</i>
<i>Surrogate: 1-Chlorooctadecane</i>	<i>115 %</i>	<i>52.1-176</i>

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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)**

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) 110 % 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 94.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 118 % 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 - 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	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 - 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	
<i>Surrogate: 1-Chlorooctane</i>	<i>95.5 %</i>	<i>47.2-157</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>115 %</i>	<i>52.1-176</i>							

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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, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>288</b>	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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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

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



---

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: Cheyron  
 Project Manager: David Matthews  
 Address:  
 City: State: Zip:  
 Phone #: Fax #:  
 Project #: Project Owner:  
 Project Name: Fred Turner Battery  
 Project Location: Lea County NM  
 Sampler Name: Richard Atman

**BILL TO**  
 P.O. #:  
 Company:  
 Attn:  
 Address:  
 City: State: Zip:  
 Phone #: Fax #:

**ANALYSIS REQUEST**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CE	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>H501508</u>	<u>A-5 FT</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>	<u>6/10/15</u>	<u>7:30</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	<u>A-6 FT</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	<u>A-7 FT</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	<u>A-8 FT</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	<u>C-5 FT</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	<u>C-6 FT</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	<u>C-7 FT</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	<u>C-8 FT</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	<u>D-5 FT</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	<u>D-6 FT</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

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Relinquished By: Richard Ottman Date: 6/10/15 Received By: Heidi Jensen  
 Relinquished By: Richard Ottman Date: 5:30 Received By: Heidi Jensen

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other: 0.40  
 Sample Condition: Cool  Intact   
 Checked By: [Signature]

Phone Result:  Yes  No Add'l Phone #:  
 Fax Result:  Yes  No Add'l Fax #:  
 REMARKS: # 41



# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <b>Chertron</b>	P.O. #:	<b>BILL TO</b>	<b>ANALYSIS REQUEST</b>
Project Manager: <b>David Matthews</b>	Company:		
Address:	Attn:		
City:	Address:		
Phone #:	City:		
Project #:	State:		
Project Name: <b>Fred Turner Battery</b>	Zip:		
Project Location: <b>Lee County, NM</b>	Phone #:		
Sampler Name: <b>Richard Altman</b>	Fax #:		
FOR LAB USE ONLY			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CI	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H501508	D-7 FT	G	1							6-10-15	7:30			
	D-8 FT	G	1											
	E-5 FT	G	1											
	E-6 FT	G	1											
	E-7 FT	G	1											
	E-8 FT	G	1											
	G-5 FT	G	1											
	G-6 FT	G	1											
	G-7 FT	G	1											
	G-8 FT	G	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 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: <b>Richard Altman</b>	Date: <b>6/10/15</b>	Time: <b>3:30</b>	Received By: <b>Scott Stumber</b>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <b>D.42</b>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <b>[Signature]</b>	REMARKS:	Add'l Phone #:

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



# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

### BILL TO

### ANALYSIS REQUEST

Company Name: Churton  
 Project Manager: David Matthews  
 Address:  
 City: State: Zip:  
 Phone #: Fax #:  
 Project #: Project Owner:  
 Project Name: Fred Turner Battery  
 Project Location: Mc County NM.  
 Sampler Name: Richard Altman

P.O. #:  
 Company:  
 Attn:  
 Address:  
 City: State: Zip:  
 Phone #:  
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	C	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H501508														
21	H-5F+	G	1											
22	H-6F+	G	1											
23	H-7F+	G	1											
24	H-8F+	G	1											
25	I-5F+	G	1											
26	I-6F+	G	1											
27	I-7F+	G	1											
28	I-8F+	G	1											
29	K-5F+	G	1											
30	K-6F+	G	1											

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Relinquished By: Richard Altman Date: 6/10/15 Time: 3:30  
 Relinquished By: Richard Altman Date: 3:30 Time:  
 Received By: Spide Jensen  
 Received By:

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other: O.P.C.  
 Sample Condition:  Intact  Cool  Yes  No  
 CHECKED BY: [Signature]  
 Phone Result:  Yes  No Add'l Phone #:  
 Fax Result:  Yes  No Add'l Fax #:  
 REMARKS:

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# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

### BILL TO

### ANALYSIS REQUEST

Company Name: Cherren P.O. #:  
 Project Manager: David Matthew Company:  
 Address: Attn:  
 City: State: Zip: Address:  
 Phone #: Fax #: City: State: Zip:  
 Project #: Project Owner:  
 Project Name: Fred Turner Battery State: Zip:  
 Project Location: Via County, NM. Phone #:  
 Sampler Name: Richard Atmar Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H501508														
	31 K- 7FH	G	1	/	/	/	/	/	/	6-10-15	7:30			
	32 K- 8FH	G	1	/	/	/	/	/	/					
	33 L- 5FH	G	1	/	/	/	/	/	/					
	34 L- 6FH	G	1	/	/	/	/	/	/					
	35 L- 7FH	G	1	/	/	/	/	/	/					
	36 L- 8FH	G	1	/	/	/	/	/	/					

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Relinquished By: Richard Atmar Date: 6/10/15 Time: 9:30  
 Received By: Scott Shuster  
 Relinquished By: Richard Atmar Date: 6/10/15 Time: 9:30  
 Received By: Scott Shuster

Delivered By: (Circle One) UPS Sample Condition: Intact Checked By: [Signature]  
 Sampler - UPS - Bus - Other: UPS Cool  Yes  No  
 Intact  Yes  No

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #54

**Curtis and Curtis, Inc.**

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 @ 34.38 Bulk Pounds Each

Lot# M-13054

<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%	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%	There Are 15 Bags For This Mix			Total Bulk Pounds:		516
Weed Seed:	0.17%	This Bag Weighs 34.38 Bulk Pounds					
Inert Matter:	8.51%	Use This Bag For 1 Acre					

### 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.