

**RECEIVED**

By OCD District 1 at 12:32 pm, Aug 10, 2015

**APPROVED**

By OCD District 1 at 12:32 pm, Aug 10, 2015

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action****OPERATOR**
☐ Initial Report    ☒ Final Report

Name of Company Bridger, LLC	Contact Robert Franklin
Address 2009 Chenault Drive. Ste. 100	Telephone No. 915-245-1890
Facility Name Fox Glove 29 Fed #6H	Facility Type Tank Battery

Surface Owner Private	Mineral Owner Federal	API No. 30-025-41850
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**LOCATION OF RELEASE**

Unit Letter B	Section 29	Township 23S	Range 33E	Feet from the 340	North/South Line North	Feet from the 1660	East/West Line East	County Lea
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Latitude 32.2820473    Longitude -103.5911713

**NATURE OF RELEASE**

Type of Release Crude Oil	Volume of Release 31bbls	Volume Recovered 4bbls
Source of Release	Date and Hour of Occurrence 7/17/2015 5:30a	Date and Hour of Discovery 7/17/2015 4:30a
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NMOCD District 2	
By Whom? Sheldon Hitchcock Talon/LPE	Date and Hour 7/17/2015 4:00p	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

Human error caused a Bridger, LLC truck to release approximately 31bbls of crude oil onto the Oxy Foxglove 29 Fed #5 location. Talon/LPE was contracted to conduct an emergency response. A vacuum truck was immediately dispatched to recover the standing fluid. Approximately 4bbls of fluid were recovered.

Describe Area Affected and Cleanup Action Taken.\*

Upon clearance of the 811 utility locate, Talon/LPE mobilized equipment to begin an emergency remediation of the location utilizing PID readings and chloride titrations to guide the excavation. Once filed results indicated that all of the impacted soil above NMOCD RRAL's was excavated, confirmation soil samples were taken and sent to the lab for analysis. Upon receipt of acceptable laboratory results the excavated area was backfilled with caliche and contoured to match the surrounding terrain. Bridger group respectfully requests that no further actions be required with regard to this release.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

**OIL CONSERVATION DIVISION**

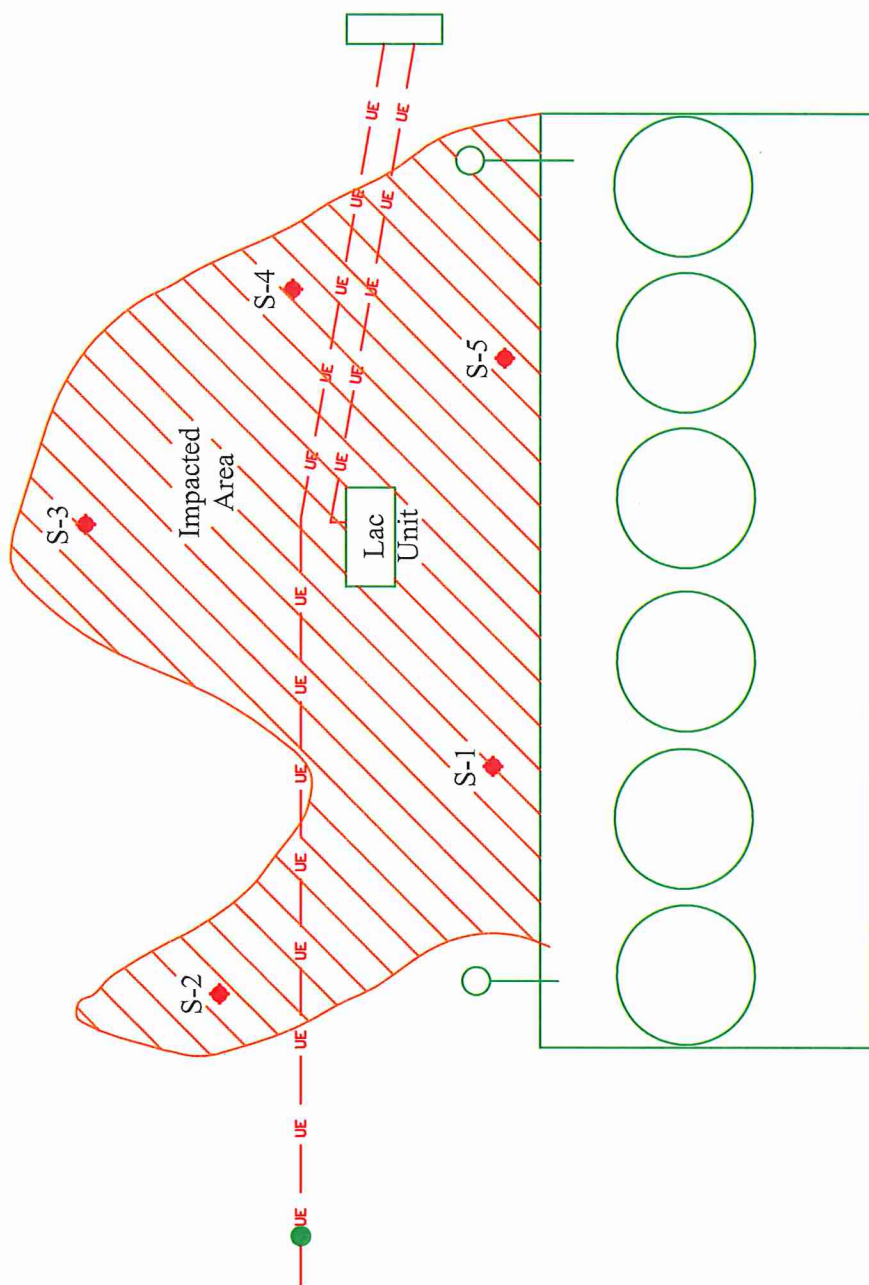
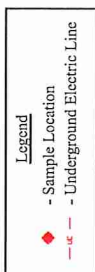
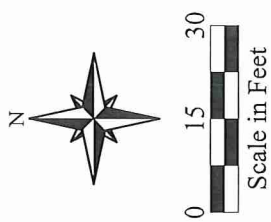
Signature: <i>Robert Franklin</i>	Approved by Environmental Specialist: <i>Janet Hoyer</i>	
Printed Name: Robert Franklin		
Title: West Texas Field Safety Rep	Approval Date: 08/10/2015	Expiration Date: ///
E-mail Address: rfranklin@bridgergroup.com	Conditions of Approval: Ensure BLM concurrence/approval.	Attached <input type="checkbox"/> IRP 3742
Date: 8/6/2015    Phone: 915-245-1890		

\* Attach Additional Sheets If Necessary

pJXK1520227720

nJXK1520227540

# SITE PLAN



Fox Glove 29-6H  
 Bridger Group, LLC  
 Lea County, New Mexico  
 Figure 1 - Site Plan

Date: 07/23/2015

Scale: 1" = 30'

Drawn By: TJS



# GROUNDWATER DATA



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the  
POD suffix indicates the  
POD has been replaced  
& no longer serves a  
water right file.)

(R=POD has  
been replaced,  
O=orphaned,  
C=the file is  
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD		Q Q Q				Sec	Tws	Rng	X	Y	Distance	Depth	Depth	Water
	Code	basin	County	64	16	4							Well	Water	Column
<a href="#">C 02277</a>			LE	2	3	4	20	23S	33E	632663	3572970*	510	550	400	150

Average Depth to Water: 400 feet

Minimum Depth: 400 feet

Maximum Depth: 400 feet

Record Count: 1

## Basin/County Search:

County: Lea

## UTMNAD83 Radius Search (in meters):

Easting (X): 632569

Northing (Y): 3572468

Radius: 1000

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

# LABORATORY RESULTS

July 22, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: BRIDGER OXY-FOXGLOVE

Enclosed are the results of analyses for samples received by the laboratory on 07/21/15 12:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager



**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received: 07/21/2015  
Reported: 07/22/2015  
Project Name: BRIDGER OXY-FOXGLOVE  
Project Number: 701834.003.02  
Project Location: NOT GIVEN

Sampling Date: 07/21/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: S-1 .75' (H501887-01)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.083	0.050	07/21/2015	ND	1.95	97.3	2.00	0.911	
Toluene*	0.311	0.050	07/21/2015	ND	1.92	96.2	2.00	1.85	
Ethylbenzene*	0.074	0.050	07/21/2015	ND	2.13	107	2.00	0.884	
Total Xylenes*	0.214	0.150	07/21/2015	ND	5.54	92.3	6.00	0.795	
Total BTX	0.682	0.300	07/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 85.6-137

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	07/22/2015	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	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

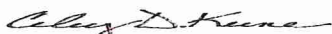
Surrogate: 1-Chlorooctane 97.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received:	07/21/2015	Sampling Date:	07/21/2015
Reported:	07/22/2015	Sampling Type:	Soil
Project Name:	BRIDGER OXY-FOXGLOVE	Sampling Condition:	Cool & Intact
Project Number:	701834.003.02	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: S-1 2' (H501887-02)**

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	07/22/2015	ND	1.95	97.3	2.00	0.911			
Toluene*	<0.050	0.050	07/22/2015	ND	1.92	96.2	2.00	1.85			
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.13	107	2.00	0.884			
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.54	92.3	6.00	0.795			
Total BTEX	<0.300	0.300	07/22/2015	ND							

Surrogate: 4-Bromofluorobenzene (PIC) 115 % 85.6-137

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	07/22/2015	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	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	87.2	10.0	07/22/2015	ND	198	99.2	200	6.01	


Surrogate: 1-Chlorooctane 112 % 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:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received: 07/21/2015  
Reported: 07/22/2015  
Project Name: BRIDGER OXY-FOXGLOVE  
Project Number: 701834.003.02  
Project Location: NOT GIVEN

Sampling Date: 07/21/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: S-1 3' (H501887-03)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	1.95	97.3	2.00	0.911	
Toluene*	<0.050	0.050	07/22/2015	ND	1.92	96.2	2.00	1.85	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.13	107	2.00	0.884	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.54	92.3	6.00	0.795	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 85.6-137

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	07/22/2015	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	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 112 % 52.1-176

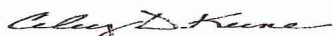
**Sample ID: S-1 4' (H501887-04)**

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	07/22/2015	ND	432	108	400	7.69	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received:	07/21/2015	Sampling Date:	07/21/2015
Reported:	07/22/2015	Sampling Type:	Soil
Project Name:	BRIDGER OXY-FOXGLOVE	Sampling Condition:	Cool & Intact
Project Number:	701834.003.02	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: S-2 .75' (H501887-05)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.082</b>	0.050	07/22/2015	ND	1.95	97.3	2.00	0.911	
<b>Toluene*</b>	<b>0.177</b>	0.050	07/22/2015	ND	1.92	96.2	2.00	1.85	
<b>Ethylbenzene*</b>	<b>0.054</b>	0.050	07/22/2015	ND	2.13	107	2.00	0.884	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.54	92.3	6.00	0.795	
<b>Total BTX</b>	<b>0.430</b>	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 114 % 85.6-137

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	07/22/2015	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	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 95.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TALON LPE  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

 Received: 07/21/2015  
 Reported: 07/22/2015  
 Project Name: BRIDGER OXY-FOXGLOVE  
 Project Number: 701834.003.02  
 Project Location: NOT GIVEN

 Sampling Date: 07/21/2015  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: S-2 2' (H501887-06)**

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	07/22/2015	ND	1.95	97.3	2.00	0.911	
Toluene*	<b>0.301</b>	0.050	07/22/2015	ND	1.92	96.2	2.00	1.85	
Ethylbenzene*	<b>0.132</b>	0.050	07/22/2015	ND	2.13	107	2.00	0.884	
Total Xylenes*	<b>0.378</b>	0.150	07/22/2015	ND	5.54	92.3	6.00	0.795	
Total BTEX	<b>0.811</b>	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 116 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>32.0</b>	16.0	07/22/2015	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	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 95.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received: 07/21/2015  
Reported: 07/22/2015  
Project Name: BRIDGER OXY-FOXGLOVE  
Project Number: 701834.003.02  
Project Location: NOT GIVEN

Sampling Date: 07/21/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: S-2 3' (H501887-07)**

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	07/22/2015	ND	1.95	97.3	2.00	0.911	
Toluene*	<0.050	0.050	07/22/2015	ND	1.92	96.2	2.00	1.85	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.13	107	2.00	0.884	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.54	92.3	6.00	0.795	
Total BTEX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

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	07/22/2015	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	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 94.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

**Sample ID: S-2 4' (H501887-08)**

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	07/22/2015	ND	416	104	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received: 07/21/2015  
Reported: 07/22/2015  
Project Name: BRIDGER OXY-FOXGLOVE  
Project Number: 701834.003.02  
Project Location: NOT GIVEN

Sampling Date: 07/21/2015  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: S-3 .75' (H501887-09)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.066	0.050	07/22/2015	ND	1.95	97.3	2.00	0.911	
Toluene*	0.179	0.050	07/22/2015	ND	1.92	96.2	2.00	1.85	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.13	107	2.00	0.884	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.54	92.3	6.00	0.795	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 115 % 85.6-137

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	07/22/2015	ND	416	104	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	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

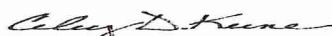
Surrogate: 1-Chlorooctane 97.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received:	07/21/2015	Sampling Date:	07/21/2015
Reported:	07/22/2015	Sampling Type:	Soil
Project Name:	BRIDGER OXY-FOXGLOVE	Sampling Condition:	Cool & Intact
Project Number:	701834.003.02	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: S-3 2' (H501887-10)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.668</b>	0.050	07/22/2015	ND	1.95	97.3	2.00	0.911	
<b>Toluene*</b>	<b>3.49</b>	0.050	07/22/2015	ND	1.92	96.2	2.00	1.85	
<b>Ethylbenzene*</b>	<b>0.618</b>	0.050	07/22/2015	ND	2.13	107	2.00	0.884	
<b>Total Xylenes*</b>	<b>1.82</b>	0.150	07/22/2015	ND	5.54	92.3	6.00	0.795	
<b>Total BTEX</b>	<b>6.59</b>	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 85.6-137

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	07/22/2015	ND	416	104	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	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	


Surrogate: 1-Chlorooctane 97.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received:	07/21/2015	Sampling Date:	07/21/2015
Reported:	07/22/2015	Sampling Type:	Soil
Project Name:	BRIDGER OXY-FOXGLOVE	Sampling Condition:	Cool & Intact
Project Number:	701834.003.02	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: S-3 3' (H501887-11)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2015	ND	1.95	97.3	2.00	0.911	
Toluene*	<0.050	0.050	07/22/2015	ND	1.92	96.2	2.00	1.85	
Ethylbenzene*	<0.050	0.050	07/22/2015	ND	2.13	107	2.00	0.884	
Total Xylenes*	<0.150	0.150	07/22/2015	ND	5.54	92.3	6.00	0.795	
Total BTX	<0.300	0.300	07/22/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 85.6-137

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	07/22/2015	ND	416	104	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	07/22/2015	ND	199	99.4	200	2.95	
DRO >C10-C28	<10.0	10.0	07/22/2015	ND	198	99.2	200	6.01	

Surrogate: 1-Chlorooctane 95.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

**Sample ID: S-3 4' (H501887-12)**

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	07/22/2015	ND	416	104	400	0.00	

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\*=Accredited Analyte

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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

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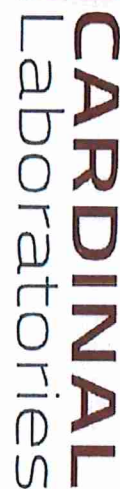
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Celey D. Keene, Lab Director/Quality Manager



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

#54





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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

PG 2012

[illegible]

July 24, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: FOXGLOVE

Enclosed are the results of analyses for samples received by the laboratory on 07/23/15 15:01.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received: 07/23/2015  
Reported: 07/24/2015  
Project Name: FOXGLOVE  
Project Number: 70183400302  
Project Location: LEA

Sampling Date: 07/23/2015  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Judy Garcia

**Sample ID: S-4 .75' (H501924-01)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2015	ND	1.92	95.9	2.00	0.776	
Toluene*	<0.050	0.050	07/24/2015	ND	1.92	96.2	2.00	1.40	
Ethylbenzene*	<0.050	0.050	07/24/2015	ND	2.05	103	2.00	2.64	
Total Xylenes*	<0.150	0.150	07/24/2015	ND	5.38	89.6	6.00	2.81	
Total BTX	<0.300	0.300	07/24/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 115 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/24/2015	ND	416	104	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	07/24/2015	ND	182	90.9	200	0.943	
DRO >C10-C28	16.9	10.0	07/24/2015	ND	186	93.0	200	0.951	

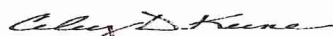
Surrogate: 1-Chlorooctane 98.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 112 % 52.1-176

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

TALON LPE  
DAVID ADKINS  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received: 07/23/2015  
Reported: 07/24/2015  
Project Name: FOXGLOVE  
Project Number: 70183400302  
Project Location: LEA

Sampling Date: 07/23/2015  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Judy Garcia

**Sample ID: S-5 .75' (H501924-02)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2015	ND	1.92	95.9	2.00	0.776	
Toluene*	<0.050	0.050	07/24/2015	ND	1.92	96.2	2.00	1.40	
Ethylbenzene*	<0.050	0.050	07/24/2015	ND	2.05	103	2.00	2.64	
Total Xylenes*	<0.150	0.150	07/24/2015	ND	5.38	89.6	6.00	2.81	
Total BTX	<0.300	0.300	07/24/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 114 % 85.6-137

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	07/24/2015	ND	416	104	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	07/24/2015	ND	182	90.9	200	0.943	
DRO >C10-C28	<10.0	10.0	07/24/2015	ND	186	93.0	200	0.951	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 117 % 52.1-176

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Notes and Definitions**

QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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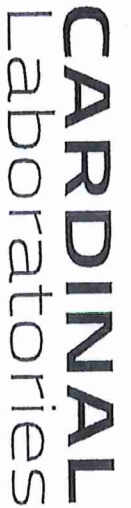
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Celey D. Keene, Lab Director/Quality Manager



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

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