



**REVIEWED**

By Kristen Lynch at 1:04 pm, Oct 05, 2016

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

September 30, 2016

JUSTIN WRIGHT

Conoco Phillips - Hobbs

P. O. BOX 325

Hobbs, NM 88240

RE: EVGSAU 3202-011

Enclosed are the results of analyses for samples received by the laboratory on 09/23/16 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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".

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 Conoco Phillips - Hobbs  
 JUSTIN WRIGHT  
 P. O. BOX 325  
 Hobbs NM, 88240  
 Fax To: (575) 297-1477

Received:	09/23/2016	Sampling Date:	09/23/2016
Reported:	09/30/2016	Sampling Type:	Soil
Project Name:	EVGSAU 3202-011	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: 9' FLOOR (H602145-01)**

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	09/27/2016	ND	2.31	115	2.00	0.272	
Toluene*	<0.050	0.050	09/27/2016	ND	2.34	117	2.00	0.0127	
Ethylbenzene*	<0.050	0.050	09/27/2016	ND	2.24	112	2.00	0.841	
Total Xylenes*	<0.150	0.150	09/27/2016	ND	6.74	112	6.00	0.682	
Total BTEX	<0.300	0.300	09/27/2016	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 73.6-140*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>176</b>	16.0	09/29/2016	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	09/26/2016	ND	193	96.3	200	6.67	
DRO >C10-C28	<10.0	10.0	09/26/2016	ND	201	101	200	7.21	

*Surrogate: 1-Chlorooctane 78.9 % 35-147*
*Surrogate: 1-Chlorooctadecane 97.7 % 28-171*

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Conoco Phillips - Hobbs  
 JUSTIN WRIGHT  
 P. O. BOX 325  
 Hobbs NM, 88240  
 Fax To: (575) 297-1477

Received:	09/23/2016	Sampling Date:	09/23/2016
Reported:	09/30/2016	Sampling Type:	Soil
Project Name:	EVGSAU 3202-011	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

**Sample ID: 9' WALL (H602145-02)**

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	09/27/2016	ND	2.31	115	2.00	0.272	
Toluene*	<0.050	0.050	09/27/2016	ND	2.34	117	2.00	0.0127	
Ethylbenzene*	<0.050	0.050	09/27/2016	ND	2.24	112	2.00	0.841	
Total Xylenes*	<0.150	0.150	09/27/2016	ND	6.74	112	6.00	0.682	
Total BTEX	<0.300	0.300	09/27/2016	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.6-140*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	09/29/2016	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	09/26/2016	ND	193	96.3	200	6.67	
DRO >C10-C28	<10.0	10.0	09/26/2016	ND	201	101	200	7.21	

*Surrogate: 1-Chlorooctane 81.0 % 35-147*
*Surrogate: 1-Chlorooctadecane 100 % 28-171*

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- 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 SM450Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report



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Celey D. Keene, Lab Director/Quality Manager

