



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.

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 dark 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:

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

Received: 09/23/2016
Reported: 09/30/2016
Project Name: EVGSAU 3202-011
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 09/23/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: 9' FLOOR (H602145-01)

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	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 BTX	<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	
Chloride	176	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
 Reported: 09/30/2016
 Project Name: EVGSAU 3202-011
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 09/23/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	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

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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 SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Concep Phillips		P.O. #:		BILL TO																									
Project Manager: Justin Wright		Company:		ANALYSIS REQUEST																									
Address:		Attn:																											
City:		Address:																											
Phone #:		City:																											
Fax #:		State:																											
Project #:		Zip:																											
Project Name: EVSAG 3202-D11		State:																											
Project Location: Lea County, NM		Zip:																											
Sampler Name:		Phone #:																											
Fax #:																													
FOR LAB USE ONLY																													
Lab I.D. H1002145	Sample I.D. 1 9' Floor	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH		BTEX	
	2 9' Wall																												
								</																					