



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

October 21, 2015

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: PECOS RIVER STATION: OXY UNLOAD

Enclosed are the results of analyses for samples received by the laboratory on 10/20/15 10:55.

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.

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
 SHELDON HITCHCOCK
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/20/2015	Sampling Date:	10/20/2015
Reported:	10/21/2015	Sampling Type:	Soil
Project Name:	PECOS RIVER STATION: OXY UNLOAD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: TANK 1 (H502732-01)

BTX 8021B		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.43	1.00	10/20/2015	ND	2.04	102	2.00	0.988	
Toluene*	22.9	1.00	10/20/2015	ND	1.86	92.8	2.00	1.59	
Ethylbenzene*	2.82	1.00	10/20/2015	ND	1.84	91.9	2.00	1.91	
Total Xylenes*	51.3	3.00	10/20/2015	ND	6.03	100	6.00	2.01	
Total BTX	81.4	6.00	10/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 66.2-142

Chloride, SM4500Cl-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	10/20/2015	ND	368	92.0	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	1930	50.0	10/20/2015	ND	201	100	200	2.40		
DRO >C10-C28	6050	50.0	10/20/2015	ND	215	107	200	1.74		

Surrogate: 1-Chlorooctane 126 % 47.2-157

Surrogate: 1-Chlorooctadecane 181 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/20/2015	Sampling Date:	10/20/2015
Reported:	10/21/2015	Sampling Type:	Soil
Project Name:	PECOS RIVER STATION: OXY UNLOAD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: TANK 2 (H502732-02)

BTX 8021B		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.05	2.00	10/20/2015	ND	2.04	102	2.00	0.988	
Toluene*	34.2	2.00	10/20/2015	ND	1.86	92.8	2.00	1.59	
Ethylbenzene*	13.7	2.00	10/20/2015	ND	1.84	91.9	2.00	1.91	
Total Xylenes*	93.6	6.00	10/20/2015	ND	6.03	100	6.00	2.01	
Total BTX	143	12.0	10/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 66.2-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/20/2015	ND	368	92.0	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	3140	50.0	10/20/2015	ND	201	100	200	2.40	
DRO >C10-C28	6250	50.0	10/20/2015	ND	215	107	200	1.74	

Surrogate: 1-Chlorooctane 136 % 47.2-157

Surrogate: 1-Chlorooctadecane 165 % 52.1-176

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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.
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

