



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,

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:

 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)

BTEX 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 BTEX	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)

BTEX 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 BTEX	143	12.0	10/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	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

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.
- 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

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: Talon/LPE
 Project Manager: S. Hitchcock
 Address: 408 W. Texas Ave.
 City: Artesia State: NM zip: 88210
 Phone #: 575-746-8768 Fax #: 575-746-8905
 Project #: Project Owner: Bridger
 Project Name: Pecos River Station; Oxy unland
 Project Location: State: zip:
 Sampler Name: S. Hitchcock
 P.O. #: Company: Talon/LPE
 Attn: Address:
 City: State: zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H502132	Tank 1	G	1	/							10-26-16	9:28	/	/	/
	Tank 2	G	1								10-26-16	9:33	/	/	/

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Relinquished By: Stephan J. Jenson
 Date: 10/26/16
 Time: 10:55
 Received By: Stephan J. Jenson
 Date: 10/26/16
 Time: 5:00

Delivered By: (Circle One) 5.60
 Sampler - UPS - Bus - Other: 5.60
 Sample Condition: Intact Cool Yes No
 CHECKED BY: [Signature]
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS: Rush !!

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