



October 28, 2014

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: A-4 / NERBERG SWD POLYLINE

Enclosed are the results of analyses for samples received by the laboratory on 09/19/14 11:20.

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".

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:	09/19/2014	Sampling Date:	09/17/2014
Reported:	10/28/2014	Sampling Type:	Soil
Project Name:	A-4 / NERBERG SWD POLYLINE	Sampling Condition:	Cool & Intact
Project Number:	70070209201	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S-1 OVERSPRAY (H402905-01)

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	09/22/2014	ND	1.81	90.3	2.00	0.512	
Toluene*	<0.050	0.050	09/22/2014	ND	1.68	83.8	2.00	1.20	
Ethylbenzene*	<0.050	0.050	09/22/2014	ND	1.56	78.1	2.00	2.19	
Total Xylenes*	<0.150	0.150	09/22/2014	ND	4.64	77.3	6.00	2.29	
Total BTEX	<0.300	0.300	09/22/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 89.4-126

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	09/22/2014	ND	400	100	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	09/22/2014	ND	183	91.5	200	1.25	
DRO >C10-C28	<10.0	10.0	09/22/2014	ND	190	94.9	200	4.20	

Surrogate: 1-Chlorooctane 88.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.5 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	09/19/2014	Sampling Date:	09/17/2014
Reported:	10/28/2014	Sampling Type:	Soil
Project Name:	A-4 / NERBERG SWD POLYLINE	Sampling Condition:	Cool & Intact
Project Number:	70070209201	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S-2 OVERSPRAY (H402905-02)

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	09/22/2014	ND	1.81	90.3	2.00	0.512		
Toluene*	<0.050	0.050	09/22/2014	ND	1.68	83.8	2.00	1.20		
Ethylbenzene*	<0.050	0.050	09/22/2014	ND	1.56	78.1	2.00	2.19		
Total Xylenes*	<0.150	0.150	09/22/2014	ND	4.64	77.3	6.00	2.29		
Total BTEX	<0.300	0.300	09/22/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 89.4-126

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	09/22/2014	ND	400	100	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	09/22/2014	ND	183	91.5	200	1.25		
DRO >C10-C28	<10.0	10.0	09/22/2014	ND	190	94.9	200	4.20		

Surrogate: 1-Chlorooctane 79.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 75.5 % 63.6-154

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* = Accredited Analyte

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Analytical Results For:

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

Received:	09/19/2014	Sampling Date:	09/17/2014
Reported:	10/28/2014	Sampling Type:	Soil
Project Name:	A-4 / NERBERG SWD POLYLINE	Sampling Condition:	Cool & Intact
Project Number:	70070209201	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S-3 OVERSPRAY (H402905-03)

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	09/22/2014	ND	1.81	90.3	2.00	0.512		
Toluene*	<0.050	0.050	09/22/2014	ND	1.68	83.8	2.00	1.20		
Ethylbenzene*	<0.050	0.050	09/22/2014	ND	1.56	78.1	2.00	2.19		
Total Xylenes*	<0.150	0.150	09/22/2014	ND	4.64	77.3	6.00	2.29		
Total BTEX	<0.300	0.300	09/22/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 89.4-126

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	09/22/2014	ND	416	104	400	3.92		

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	09/22/2014	ND	183	91.5	200	1.25		
DRO >C10-C28	71.6	10.0	09/22/2014	ND	190	94.9	200	4.20		

Surrogate: 1-Chlorooctane 91.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.3 % 63.6-154

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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



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		P.O. #:															
Project Manager: S Hitchcock		Company: Talon/LPE															
Address: 408 W. Texas Ave.		Attn:															
City: Artesia		Address:															
Phone #: 575-746-8768		City:															
Fax #: 575-746-8905		State:															
Project #: 100200001		Project Owner: DCP															
Project Name: A-4 Newberg SW Poly Line		State:															
Project Location:		Phone #:															
Sampler Name: S Hitchcock		Fax #:															
FOR LAB USE ONLY		PRESERV		SAMPLING													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Total Chlorides	TPH	BTEX
H402905	S-1	0 (overspray)	1	1	1	1	1	1	1	1	1	1	9/17/14	10:44	1	1	1
	S-2	0 (overspray)	1	1	1	1	1	1	1	1	1	1	16:46	16:46	1	1	1
	S-3	0 (overspray)	1	1	1	1	1	1	1	1	1	1	16:49	16:49	1	1	1

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Relinquished By: *Sheldon Hirschorn* Date: _____ Received By: *Patricia Henderson* Date: _____
Time: _____ Time: _____

Delivered By: (Circle One) UPS Bus Other: _____
Time: _____

Sample Condition: Intact Cool Yes No Yes No

CHECKED BY: (Initials) _____
REMARKS: *PUSH!!*
**Sample ids revised as per Sheldon Clark 10/28/14 ck*

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