



April 13, 2016

DAVID ADKINS
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: STATE CF #5

Enclosed are the results of analyses for samples received by the laboratory on 04/07/16 12:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/07/2016	Sampling Date:	04/06/2016
Reported:	04/13/2016	Sampling Type:	Soil
Project Name:	STATE CF #5	Sampling Condition:	Cool & Intact
Project Number:	701047.162.01	Sample Received By:	Jodi Henson
Project Location:	CHAVES COUNTY, NM		

Sample ID: S-1 0' (H600750-01)

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	04/08/2016	ND	1.97	98.5	2.00	1.73	
Toluene*	<0.050	0.050	04/08/2016	ND	1.86	92.8	2.00	3.49	
Ethylbenzene*	0.317	0.050	04/08/2016	ND	1.64	82.2	2.00	4.52	
Total Xylenes*	<0.150	0.150	04/08/2016	ND	5.09	84.9	6.00	4.15	
Total BTEX	0.317	0.300	04/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 73.6-140

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	04/08/2016	ND	416	104	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	81.3	50.0	04/08/2016	ND	185	92.4	200	1.37		
DRO >C10-C28	8460	50.0	04/08/2016	ND	180	89.8	200	6.73		

Surrogate: 1-Chlorooctane 88.8 % 35-147
Surrogate: 1-Chlorooctadecane 298 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	04/07/2016	Sampling Date:	04/06/2016
Reported:	04/13/2016	Sampling Type:	Soil
Project Name:	STATE CF #5	Sampling Condition:	Cool & Intact
Project Number:	701047.162.01	Sample Received By:	Jodi Henson
Project Location:	CHAVES COUNTY, NM		

Sample ID: S-1 0.5' (R) (H600750-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	04/08/2016	ND	1.97	98.5	2.00	1.73	
Toluene*	0.261	0.200	04/08/2016	ND	1.86	92.8	2.00	3.49	
Ethylbenzene*	<0.200	0.200	04/08/2016	ND	1.64	82.2	2.00	4.52	
Total Xylenes*	2.74	0.600	04/08/2016	ND	5.09	84.9	6.00	4.15	
Total BTEX	3.00	1.20	04/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 73.6-140

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	04/08/2016	ND	416	104	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	365	50.0	04/08/2016	ND	185	92.4	200	1.37		
DRO >C10-C28	8130	50.0	04/08/2016	ND	180	89.8	200	6.73		

Surrogate: 1-Chlorooctane 138 % 35-147

Surrogate: 1-Chlorooctadecane 257 % 28-171

Cardinal Laboratories

* = Accredited Analyte

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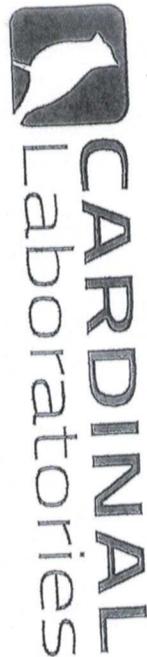
Celey D. Keene, Lab Director/Quality Manager

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.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

BILT TO

ANALYSIS REQUEST

Company Name: Talon/PE

Project Manager: David Holkins

Address: 408 W. Texas Ave.

City: Artesia

Phone #: 575-746-8768

Project #: 701047.16201

Project Name: State LP #5

Project Location: Charles Lk

Sampler Name: Kim Wilson

FOR LAB USE ONLY

P.O. #:

Company: Talon/PE

Attn:

Address:

City:

State:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

Lab I.D. Sample I.D.

Wood 750
 1 3-1 0.1
 2 3-1 0.5 (R)

(G) GRAB OR (C) COMP.	
# CONTAINERS	6
GROUNDWATER	
WASTEWATER	
SOIL	1
OIL	
SLUDGE	
OTHER:	
ACID/BASE:	
ICE/COOL	1
OTHER:	

DATE

TIME

4/6/16 2:30
 2:32

Chlorides
 TPH
 BTEX

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Relinquished By: Kim Wilson

Date/Time: 4/11/16 11:00

Received By: Kim Wilson

Date/Time: 4/11/16 12:05

Checked By: Kim Wilson

REMARKS:

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

4:20

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