



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

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,

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
Reported: 04/13/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: CHAVES COUNTY, NM

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

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	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 BTX	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
Reported: 04/13/2016
Project Name: STATE CF #5
Project Number: 701047.162.01
Project Location: CHAVES COUNTY, NM

Sampling Date: 04/06/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

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*=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

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*=Accredited Analyte

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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

ANALYSIS REQUEST

Company Name: Talon/LPE

Project Manager: David Perkins

Address: 408 W. Texas Ave.

City: Artesia

Phone #: 575-746-8768

Project #: 701047.16201

Project Name: State LP #5

Project Location: Charles City

Sampler Name: Kim Wilson

FOR LAB USE ONLY

P.O. #:

Company: Talon/LPE

Attn:

Address:

City:

State:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

Lab I.D.

Sample I.D.

W600750

3-1 0.5 (R)

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

4/6/16 2:30

2:32

Chlorides
TPH
BTEX

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Relinquished By:

Date: 4/11/16

Time: 4:00

Received By:

Date: 4/11/16

Time: 4:20

Received By:

Date: 4/11/16

Time: 4:20

Received By:

Date: 4/11/16

Time: 4:20

Received By:

Date: 4/11/16

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Received By:

Date: 4/11/16

Time: 4:20

Received By:

Date: 4/11/16

Time: 4:20

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool ☒ Yes ☐ No

Intact ☒ Yes ☐ No

CHECKED BY:

Date: 4/11/16

Time: 4:20

Received By:

Date: 4/11/16

Time: 4:20

Received By:

Date: 4/11/16

Time: 4:20

Received By:

Date: 4/11/16

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Time: 4:20

REMARKS:

Phone Result:

☐ Yes ☐ No

Fax Result:

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