



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

September 27, 2016

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TRIGG FED #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 09/26/16 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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: 09/26/2016
Reported: 09/27/2016
Project Name: TRIGG FED #1 SWD
Project Number: 701729.002.01
Project Location: DAKOTA RESOURCES

Sampling Date: 09/26/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-4 N. SIDEWALL (H602152-01)

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	09/26/2016	ND	2.17	108	2.00	2.00	
Toluene*	<0.050	0.050	09/26/2016	ND	2.21	110	2.00	1.60	
Ethylbenzene*	<0.050	0.050	09/26/2016	ND	2.16	108	2.00	1.58	
Total Xylenes*	<0.150	0.150	09/26/2016	ND	6.59	110	6.00	1.14	
Total BTEX	<0.300	0.300	09/26/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

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	09/26/2016	ND	193	96.3	200	6.67	
DRO >C10-C28	3390	10.0	09/26/2016	ND	201	101	200	7.21	

Surrogate: 1-Chlorooctane 87.6 % 35-147

Surrogate: 1-Chlorooctadecane 167 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 09/26/2016
Reported: 09/27/2016
Project Name: TRIGG FED #1 SWD
Project Number: 701729.002.01
Project Location: DAKOTA RESOURCES

Sampling Date: 09/26/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-4 S. SIDEWALL (H602152-02)

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	09/26/2016	ND	2.17	108	2.00	2.00	
Toluene*	<0.050	0.050	09/26/2016	ND	2.21	110	2.00	1.60	
Ethylbenzene*	<0.050	0.050	09/26/2016	ND	2.16	108	2.00	1.58	
Total Xylenes*	<0.150	0.150	09/26/2016	ND	6.59	110	6.00	1.14	
Total BTEx	<0.300	0.300	09/26/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 73.6-140

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	09/27/2016	ND	193	96.3	200	6.67	
DRO >C10-C28	35.8	10.0	09/27/2016	ND	201	101	200	7.21	

Surrogate: 1-Chlorooctane 85.3 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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Received: 09/26/2016
Reported: 09/27/2016
Project Name: TRIGG FED #1 SWD
Project Number: 701729.002.01
Project Location: DAKOTA RESOURCES

Sampling Date: 09/26/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-4 E. SIDEWALL (H602152-03)

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	09/26/2016	ND	2.17	108	2.00	2.00	
Toluene*	<0.050	0.050	09/26/2016	ND	2.21	110	2.00	1.60	
Ethylbenzene*	<0.050	0.050	09/26/2016	ND	2.16	108	2.00	1.58	
Total Xylenes*	<0.150	0.150	09/26/2016	ND	6.59	110	6.00	1.14	
Total BTEX	<0.300	0.300	09/26/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.6-140

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	09/27/2016	ND	193	96.3	200	6.67	
DRO >C10-C28	256	10.0	09/27/2016	ND	201	101	200	7.21	

Surrogate: 1-Chlorooctane 91.0 % 35-147

Surrogate: 1-Chlorooctadecane 111 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

10 (575) 393-2326