

June 26, 2014

DAVID ADKINS

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 06/23/14 14:20.

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/ga/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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:

06/23/2014

Sampling Date:

06/19/2014

Reported:

06/26/2014

Sampling Type:

Soil

Project Name:

TRIGG FED #1 SWD

Sampling Condition:

Cool & Intact

Project Number:

701729.001.01

Sample Received By:

Jodi Henson

Project Location:

DAKOTA RESOURCES

Sample ID: BH-1 5' (H401875-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2014	ND	1.84	91.8	2.00	9.34	
Toluene*	0.176	0.050	06/25/2014	ND	1.99	99.5	2.00	6.67	
Ethylbenzene*	0.694	0.050	06/25/2014	ND	1.80	89.9	2.00	5.53	
Total Xylenes*	2.59	0.150	06/25/2014	ND	5.59	93.1	6.00	3.83	
Total BTEX	3.46	0.300	06/25/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	208 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP		=			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	06/24/2014	ND	416	104	400	8.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	54.3	10.0	06/24/2014	ND	164	82.0	200	2.21	
DRO >C10-C28	518	10.0	06/24/2014	ND	184	92.0	200	3.27	
Surrogate: 1-Chlorooctane	69.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	69.6	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This control is not provided except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

(575) 745-8905

Received:

06/23/2014

Sampling Date:

06/19/2014

Reported:

06/26/2014

Sampling Type:

Soil

Project Name:

TRIGG FED #1 SWD

Sampling Condition:

Cool & Intact

Project Number:

701729.001.01

Sample Received By:

Jodi Henson

Project Location:

DAKOTA RESOURCES

Sample ID: BH-1 10' (H401875-02)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2014	ND	1.84	91.8	2.00	9.34	
Toluene*	<0.050	0.050	06/25/2014	ND	1.99	99.5	2.00	6.67	
Ethylbenzene*	<0.050	0.050	06/25/2014	ND	1.80	89.9	2.00	5.53	
Total Xylenes*	<0.150	0.150	06/25/2014	ND	5.59	93.1	6.00	3.83	
Total BTEX	<0.300	0.300	06/25/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	06/24/2014	ND	416	104	400	8.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/24/2014	ND	164	82.0	200	2.21	
DRO >C10-C28	<10.0	10.0	06/24/2014	ND	184	92.0	200	3.27	
Surrogate: 1-Chlorooctane	87.0	% 65.2-14	0			200000000000000000000000000000000000000			

Sample ID: BH-1 15' (H401875-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	06/24/2014	ND	416	104	400	8.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal shang, writered beard within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

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: Reported: 06/23/2014

06/26/2014

Project Name:

TRIGG FED #1 SWD

Project Number:

701729.001.01

Project Location:

DAKOTA RESOURCES

Sampling Date:

06/19/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: BH-1 20' (H401875-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	06/24/2014	ND	416	104	400	8.00	
Sample ID: BH-1 25' (H4018	75-05)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	06/24/2014	ND	416	104	400	8.00	
Sample ID: BH-1 30' (H4018'									
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	06/24/2014	ND	416	104	400	8.00	
Sample ID: BH-1 35' (H4018	75-07)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	06/24/2014	ND	416	104	400	8.00	
Sample ID: BH-1 40' (H4018	75-08)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/24/2014	ND	416	104	400	8.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed varied unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: Tolon/I DE		118	BILLIO			710.0		-
Company Manie. 1 21011/ L		ı		_		_	_	
Project Manager: D. Adkins	ns	P.O. #:						
Address: 408 W. Texas Ave	is Ave.	Company: T	Talon/LPE					
City: Artesia	state: NM zip: 88210	Attn:						
Phone #: 575-746-8768	38 Fax #: 575-746-8905	Address:						
Project #: 701729 001 01	0.1 Project Owner: Dakota Resources	ources city:						
Project Name: Trigg Fed #1 SWD	#1 SWD	State:	Zip:					
Project I ocation:		Phone #:				_		
Sampler Name: S. Hitchcock	cock	Fax#:						
		MATRIX PRESERV.	SAMPLING	_				
TOR CONTRACT	ERS ATER		4	,				
)RAB OR CONTAIN ROUNDWASTEWA	DIL LUDGE THER: CID/BASI SE/COO THER:	DATE	TPH	BTE>			
7 - 42 - 011	, #		6/19/14 12:35	1				
2 2 4-1	<u></u>		12:45	1	1			
2 1 2	6		12:47					
1 RH-1 2	9) 12,55		1			
7 BH-1	25' 61		105					
1-42~	30		116		1			
ーナココ	90		05:1	_	1	-		
A 57.	9	/	0					
C			-					
	the second drive service whether based in contract or (ort, shall be limited to the amount paid by the client for the	hased in contract or lort, shall be limit	ed to the amount paid by the client to	18	-	-		

Sample Condition
Cool Intact
Cool Ares
No No

CHECKED BY:

Sampler JUPS - Bus - Other: Delivered By: (Circle One) Relinquished By:

Time: Date:

affiliates or successors arising out of or related to the perform Relinquished By: