

August 12, 2014

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

RE: WEST RED LAKE #13

Enclosed are the results of analyses for samples received by the laboratory on 08/05/14 16:06.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. 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:	08/05/2014	Sampling Date:	08/01/2014
Reported:	08/12/2014	Sampling Type:	Water
Project Name:	WEST RED LAKE #13	Sampling Condition:	Cool & Intact
Project Number:	701307.069.01	Sample Received By:	Kathy Perez
Project Location:	LIME ROCK		

## Sample ID: W-1 (H402404-01)

BTEX 8021B	mg/	/L	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	08/07/2014	ND	0.023	115	0.0200	25.0	
Toluene*	<0.001	0.001	08/07/2014	ND	0.024	119	0.0200	2.34	
Ethylbenzene*	< 0.001	0.001	08/07/2014	ND	0.024	119	0.0200	2.45	
Total Xylenes*	<0.003	0.003	08/07/2014	ND 0.0		125	0.0600	2.77	
Total BTEX	<0.006	0.006	08/07/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 89.5-12	6						
Chloride, SM4500Cl-B	mg/	mg/L Analyzed By: AP							
Analyte	Analyte Result Reporting		Analyzed Method I		BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	<b>510</b> 4.00 08/07/2014		ND	104	104	100	3.92		
TPH 8015M	mg/	/L	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<2.00	2.00	08/06/2014	ND	43.1	86.2	50.0	1.45	
DRO >C10-C28	<1.00	1.00	08/06/2014	ND	44.7	89.3	50.0	1.65	
EXT DRO >C28-C35	<1.00	1.00 08/06/2014		ND	ND		0.00		
Surrogate: 1-Chlorooctane	76.4	% 48.7-16	4						
Surrogate: 1-Chlorooctadecane	89.6	% 54.8-16	5						

### 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 whatscever 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, whot limitation, business interruptions, loss of gronts incurred by client, its subsidiaries, affiliates or successor 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.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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 SM4500CI-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. Keine

Celey D. Keene, Lab Director/Quality Manager

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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Page 4 of 4