

February 12, 2014

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MERCURY

Enclosed are the results of analyses for samples received by the laboratory on 02/11/14 12:20.

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/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: 02/11/2014
Reported: 02/12/2014
Project Name: MERCURY
Project Number: 700348.137.02
Project Location: NONE GIVEN

Sampling Date: 02/10/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BG-1 0' (H400414-01)

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	25600	16.0	02/12/2014	ND	416	104	400	3.92	

Sample ID: BG-1 6.5' (H400414-02)

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	02/12/2014	ND	416	104	400	3.92	

Sample ID: S-2 8.5' (H400414-03)

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	02/11/2014	ND	2.34	117	2.00	4.12	
Toluene*	<0.050	0.050	02/11/2014	ND	2.32	116	2.00	3.68	
Ethylbenzene*	<0.050	0.050	02/11/2014	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/11/2014	ND	6.76	113	6.00	3.04	
Total BTEX	<0.300	0.300	02/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 89.4-126

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	02/12/2014	ND	416	104	400	3.92	

TPH 8015M			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Cardinal Laboratories

*=Accredited Analyte

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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: 02/11/2014
 Reported: 02/12/2014
 Project Name: MERCURY
 Project Number: 700348.137.02
 Project Location: NONE GIVEN

 Sampling Date: 02/10/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-2 8.5' (H400414-03)

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	02/11/2014	ND	194	96.9	200	0.635	
DRO >C10-C28	<10.0	10.0	02/11/2014	ND	188	94.2	200	1.47	

Surrogate: 1-Chlorooctane 77.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 80.2 % 63.6-154

Sample ID: S-4 7' (H400414-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	02/12/2014	ND	416	104	400	3.92	

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Received: 02/11/2014
Reported: 02/12/2014
Project Name: MERCURY
Project Number: 700348.137.02
Project Location: NONE GIVEN

Sampling Date: 02/11/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-6 7' (H400414-05)

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	02/11/2014	ND	2.34	117	2.00	4.12	
Toluene*	<0.050	0.050	02/11/2014	ND	2.32	116	2.00	3.68	
Ethylbenzene*	<0.050	0.050	02/11/2014	ND	2.30	115	2.00	4.18	
Total Xylenes*	<0.150	0.150	02/11/2014	ND	6.76	113	6.00	3.04	
Total BTEx	<0.300	0.300	02/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/12/2014	ND	416	104	400	3.92	

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	02/11/2014	ND	194	96.9	200	0.635	
DRO >C10-C28	<10.0	10.0	02/11/2014	ND	188	94.2	200	1.47	

Surrogate: 1-Chlorooctane 98.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

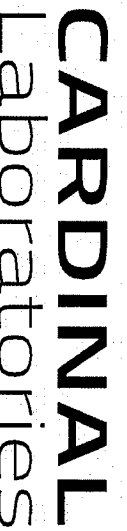
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Celey D. Keene, Lab Director/Quality Manager



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ANALYSIS REQUEST

393-4326
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