

February 12, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MARTHA CREEK

Enclosed are the results of analyses for samples received by the laboratory on 02/11/15 13:10.

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">www.tceq.texas.gov/field/ga/lab</a> accred 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.

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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,

Mike Snyder For 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: 02/11/2015 Sampling Date: 02/10/2015

Reported: 02/12/2015 Sampling Type: Soil

Project Name: MARTHA CREEK Sampling Condition: Cool & Intact
Project Number: 700608.358.01 Sample Received By: Jodi Henson

Project Location: EDDY

## Sample ID: S-1 3' (H500401-01)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2015	ND	1.79	89.3	2.00	6.35	
Toluene*	<0.050	0.050	02/11/2015	ND	1.72	86.1	2.00	9.37	
Ethylbenzene*	<0.050	0.050	02/11/2015	ND	1.67	83.5	2.00	8.28	
Total Xylenes*	<0.150	0.150	02/11/2015	ND	4.97	82.8	6.00	8.70	
Total BTEX	<0.300	0.300	02/11/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7 9	% 61-154							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	02/11/2015	ND	416	104	400	3.77	
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	02/11/2015	ND	193	96.3	200	0.260	
DRO >C10-C28	<10.0	10.0	02/11/2015	ND	190	94.8	200	6.11	
Surrogate: 1-Chlorooctane	88.0 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	72.1 9	% 52.1-17	6						

Cardinal Laboratories \*=Accredited Analyte

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# Analytical Results For:

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

Fax To: (575) 745-8905

Received: 02/11/2015 Sampling Date: 02/10/2015

Reported: 02/12/2015 Sampling Type: Soil

Project Name: MARTHA CREEK Sampling Condition: Cool & Intact
Project Number: 700608.358.01 Sample Received By: Jodi Henson

Project Location: EDDY

## Sample ID: S-2 2' (H500401-02)

Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/11/2015	ND	416	104	400	3.77	
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	02/11/2015	ND	193	96.3	200	0.260	
DRO >C10-C28	14.0	10.0	02/11/2015	ND	190	94.8	200	6.11	
Surrogate: 1-Chlorooctane	93.3	% 47.2-15	7						

# Sample ID: S-3 2' (H500401-03)

78.9 %

52.1-176

Surrogate: 1-Chlorooctadecane

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	02/11/2015	ND	416	104	400	3.77	
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	02/11/2015	ND	193	96.3	200	0.260	
DRO >C10-C28	<10.0	10.0	02/11/2015	ND	190	94.8	200	6.11	
Surrogate: 1-Chlorooctane	101	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	87.1	% 52.1-17	6						

# Cardinal Laboratories \*=Accredited Analyte

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Mike Snyder For 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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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Maine. Jalon Let	BILLTO	ANALYSIS REQUEST
Project Manager: DAVIA HOKUNS	P.O. #:	- 1
Address: 408 W. IEXAL	Company: DXU	
State: NM	zip: \$821 () Attn:	
8768 Fax #:	Address:	
Project #: 700608, 384.01 Project Owner:	UXU	
Project Name: Matha Chark	State: Zip:	
Project Location: Eddy County	Phone #:	
Sampler Name: Kim Wilson	Fax #:	
FOR LAB USE ONLY	MATRIX	
	RS ER R	
Lab I.D. Sample I.D.	R: BASE: COOL	BI PH TE
H5004O1	# CO GRO WAS' SOIL OIL SLUD OTHE	
3 3	2/10/15-900	
1 2 2 2	6 / 2/10/15 /114	
0.5 %	1 4/0/15 9:30	
PLEASE NOTE: I jability and Damagna Condish. Ed. To.		
those for negligence and any other cause whatso dinal be liable for incidental or consequental dama out of or related to the performance of services h	"currory to any claim atang whether based in contract or fort, shall be limited to the amount paid by the clien ever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion iges, including without limitation, business interruptions, loss of use, or loss of posts incurred by client, its subsettling of the characteristic profits incurred by client, its subsettling or the cardinal regardless of whether such plain is based among any of the characteristic profits incurred by client, its subsettling is the cardinal regardless of whether such plain is based among any of the characteristic profits in the client in the cardinal regardless of whether such plain is based among any of the characteristic profits in the client	for the applicable distribution of the applicable distribution
		ult:
Simporty M. Wilson Time? 10	REMARKS:	□ Yes □ No
Refinquished By: Date:	Received By:	56146333
Time:	75	1127623
Delivered By: (Circle One)	CHECKED BY:	12-0101030105
Sampler - UPS - Bus - Other:	Yes Tres (Initials)	01/51/1/
	Г	110011

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326