

From: Fred Holmes [fred@etechenv.com]
Sent: Friday, November 18, 2011 6:59 AM
To: 'Gregston, Terry G'
Cc: 'Ron Ragland'; 'Joe Hernandez'; 'Daniel Frick'; Bratcher, Mike, EMNRD
Subject: Keel A 14 - Sampling Results & Closure
Attachments: H102501 Keel A Inj Line Sidewall Clearance 111611.pdf

Terry:

Following my email to you yesterday and our subsequent conversation, we concurred that the sidewalls at the Keel A #14 injection line release are sufficiently clean to allow for backfilling and restoration of the site. Unless otherwise stipulation, the closure will be in accordance with the specifications of the email I sent yesterday. As requested, I have attached a copy of the analysis. Upon completion of restoration, a closure report will be prepared and submitted.

Respectfully:

Fred Holmes

Etech Environmental & Safety Solutions, Inc.

P.O. Box 8469
Midland, Texas 79708-8469
Phone: 432-563-2200
Fax: 432-563-2213
E-mail: fred@etechenv.com

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November 17, 2011

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: J L KEEL A #14

Enclosed are the results of analyses for samples received by the laboratory on 11/16/11 18:10.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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:

 ETECH Environmental & Safety Solutions, Inc.
 FRED HOLMES
 P. O. BOX 8469
 MIDLAND TX, 79708
 Fax To: (432) 563-2213

Received:	11/16/2011	Sampling Date:	11/16/2011
Reported:	11/17/2011	Sampling Type:	Soil
Project Name:	J L KEEL A #14	Sampling Condition:	** (See Notes)
Project Number:	253-3036-000	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY		

Sample ID: SP 6 EAST END N WALL 7' (H102501-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/17/2011	ND	432	108	400	3.64		

Sample ID: SP 10 CENTER N. WALL 7' (H102501-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/17/2011	ND	432	108	400	3.64		

Sample ID: SP 13 WEST END N. WALL 7' (H102501-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/17/2011	ND	432	108	400	3.64		

Sample ID: SP 3 EAST END S WALL 7' (H102501-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/17/2011	ND	432	108	400	7.14		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 ETECH Environmental & Safety Solutions, Inc.
 FRED HOLMES
 P. O. BOX 8469
 MIDLAND TX, 79708
 Fax To: (432) 563-2213

Received:	11/16/2011	Sampling Date:	11/16/2011
Reported:	11/17/2011	Sampling Type:	Soil
Project Name:	J L KEEL A #14	Sampling Condition:	** (See Notes)
Project Number:	253-3036-000	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY		

Sample ID: SP 8 CENTER S WALL 7' (H102501-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2360	16.0	11/17/2011	ND	432	108	400	7.14		

Sample ID: SP 11 WEST END S WALL 7' (H102501-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/17/2011	ND	432	108	400	7.14		

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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

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page _____ of _____

Company Name: Etch Env. & Safety Solutions, Inc. Project Manager: Fred Holmes Address: P.O. Box 8469 City: Midland State: TX Zip: 79708 Phone #: 432-563-2200 Fax #: 432-563-2213 Project #: 253-3036-000 Project Owner: Project Name: SL Keel A # 14 Project Location: Eddy County Sampler Name: Terry Osborn		BILL TO P.O. #: 2532794000 Company: Etch Attn: F. Holmes Address: P.O. Box 8469 City: Midland State: TX Zip: 79708 Phone #: 432-563-2200 Fax #: 432-563-2200	
FOR LAB USE ONLY Lab I.D. H102501 Sample I.D. SP6 East End N. wall 7 SP10 center N. wall 7 SP13 west End S. wall 7 SP8 center S. wall 7 SP11 west End S. wall 7		MATRIX SOIL <input checked="" type="checkbox"/> WASTEWATER <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> (G) RAB OR (C) OMP. <input type="checkbox"/> OTHER: <input type="checkbox"/> SLUDGE <input type="checkbox"/> OIL <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: <input type="checkbox"/>	
DATE 11-16-11 TIME 5:00 TPH (8015) <input type="checkbox"/> TPH Ext (TX 1005) <input type="checkbox"/> Chlorides <input type="checkbox"/> BTEX <input type="checkbox"/>		PRESERV SAMPLING DATE 11-16-11 TIME 5:00 TPH (8015) <input type="checkbox"/> TPH Ext (TX 1005) <input type="checkbox"/> Chlorides <input type="checkbox"/> BTEX <input type="checkbox"/>	
Sampler Relinquished: Terry Osborn Date: 11-16-11 Time: 6:10 Received By: Terry Osborn		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No ADD'l Phone #: ADD'l Fax #:	
Relinquished By: Date: Time:		REMARKS: RUST!!	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Temp. 15°C Sample Condition: Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Checked By: (Initials) TO	

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

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