

Bratcher, Mike, EMNRD

From: Kit Prichard <kit@etechenv.com>
Sent: Tuesday, November 13, 2012 10:49 AM
To: tgregsto@blm.gov; Bratcher, Mike, EMNRD
Cc: Gary Wink; Ron Ragland; Joe Hernandez; Fred Holmes; Steve McGee
Subject: Fren Friess Battery Backfill Request
Attachments: Fren Friess Battery Backfill Request 110712.pdf

Mike & Terry ,

Attached is the backfill request for the **Fren Friess Battery** for your approval. Thank you Have a great day.

Kit Prichard

Etech Environmental & Safety Solutions, Inc.

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

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Electronic Correspondence

November 7, 2012

Mr. Mike Bratcher
State of New Mexico
Oil Conservation Division
811 S. 1st Street
Artesia, NM 88210
mike.bratcher@state.nm.us

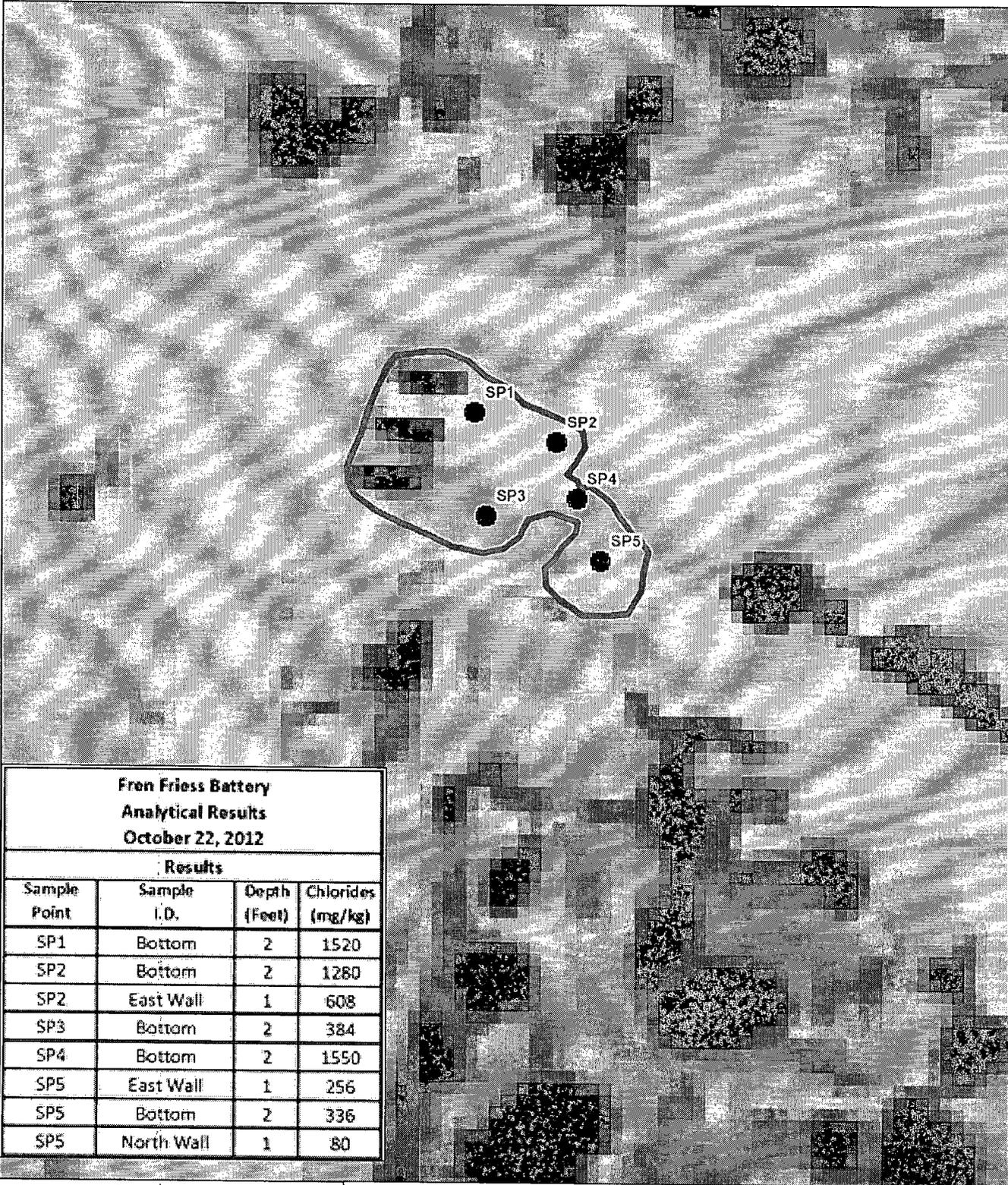
Re: Backfill Request
LINN Energy, Fren Friess Battery
API No.: 30-015-29719
Legal: Unit J, Section 19, T17S, R31E, 2220 FSL, 1434 FEL, Eddy Co., NM
GPS: N32.81893, W103.90604

Dear Mike & Terry:

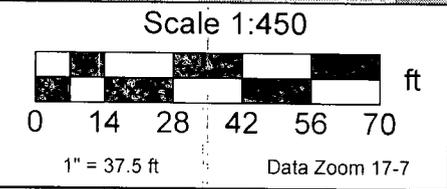
1. Attached is the sample points map and analytical data for the clearance sampling of the Fren Friess Battery.
2. Grab samples were collected from each corresponding sampling site at depth then placed in certified clean jars, labeled, and custody seals applied. Nitrile gloves were used and changed during each sample collection, as well as proper decontamination procedures.
3. Samples were preserved according to the requirements ASATM/EPA requirements. Normal Chain of Custody procedures were observed.
4. LINN is requesting permission to backfill and close the site in accordance with the stipulations for the site.

Thank you for your assistance.

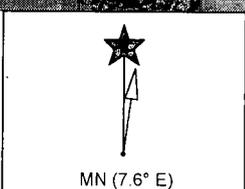
Kit Prichard
Project Manager – Etech Environmental & Safety Solutions, Inc.



Fren Friess Battery Analytical Results October 22, 2012			
Results			
Sample Point	Sample I.D.	Depth (Feet)	Chlorides (mg/kg)
SP1	Bottom	2	1520
SP2	Bottom	2	1280
SP2	East Wall	1	608
SP3	Bottom	2	384
SP4	Bottom	2	1550
SP5	East Wall	1	256
SP5	Bottom	2	336
SP5	North Wall	1	80



LINN Energy
Fren Friess Battery
Clearance Sampling Results Map





October 22, 2012

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: FREN FRIESS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/17/12 11:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, prominent initial "C".

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: 10/17/2012
 Reported: 10/22/2012
 Project Name: FREN FRIESS BATTERY
 Project Number: 253-3620-000
 Project Location: EDDY COUNTY, NM

 Sampling Date: 10/17/2012
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP 1 BOTTOM 2' (H202533-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1520	16.0	10/18/2012	ND	416	104	400	0.00		

Sample ID: SP 2 BOTTOM 2' (H202533-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1280	16.0	10/18/2012	ND	416	104	400	0.00		

Sample ID: SP 2 E WALL 1' (H202533-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	10/18/2012	ND	416	104	400	0.00		

Sample ID: SP 3 BOTTOM 2' (H202533-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	10/18/2012	ND	416	104	400	0.00		

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* = 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:	10/17/2012	Sampling Date:	10/17/2012
Reported:	10/22/2012	Sampling Type:	Soil
Project Name:	FREN FRIESS BATTERY	Sampling Condition:	** (See Notes)
Project Number:	253-3620-000	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 4 BOTTOM 2' (H202533-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1550	16.0	10/18/2012	ND	416	104	400	0.00		

Sample ID: SP 5 E. WALL 1' (H202533-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	10/19/2012	ND	416	104	400	0.00		

Sample ID: SP 5 BOTTOM 2' (H202533-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	10/19/2012	ND	416	104	400	0.00		

Sample ID: SP 5 N. WALL 1' (H202533-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/19/2012	ND	416	104	400	0.00		

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*=Accredited Analyte

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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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Etech</u>		BILL TO		ANALYSIS REQUEST																						
Project Manager: <u>Fred Holmes</u>		P.O. #: <u>253-3620-000</u>																								
Address:		Company: <u>Etech</u>																								
City: State: Zip:		Attn:																								
Phone #: Fax #:		Address:																								
Project #: <u>253-3620-000</u> Project Owner:		City:																								
Project Name: <u>Fren Fries Battery</u>		State: Zip:																								
Project Location: <u>Eddy county</u>		Phone #:																								
Sampler Name: <u>Terry Osborn</u>		Fax #:																								
FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.			SAMPLING		chlorides													
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:													DATE	TIME
<u>H202533</u>	<u>1 SP1 Bottom 2'</u>																								<u>10/17</u>	
	<u>2 SP2 Bottom 2'</u>																									
	<u>3 SP2 E. wall 1'</u>																									
	<u>4 SP3 Bottom 2'</u>																									
	<u>5 SP4 Bottom 2'</u>																									
	<u>6 SP5 E. wall 1'</u>																									
	<u>7 SP5 Bottom 2'</u>																									
	<u>8 SP5 N. wall 1'</u>																									

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Relinquished By: <u>Terry Osborn</u>	Date: <u>10-17-12</u>	Received By: <u>Steph M...</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: <u>Steph M...</u>	Date: <u>10-17</u>	Received By: <u>Jodi Jensen</u>	REMARKS:	
	Time: <u>11:45</u>			
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Cool Intact	<u>JH</u>		
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			