



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](mailto:mike.bratcher@state.nm.us)

Re: Backfill Request  
ACD Oilfield Services, LINN Energy, VL Foster Battery  
API No.: 30-015-05206  
Legal: Unit J, Section 17, T17S, R31E, Eddy Co., NM  
GPS: N32.83476, W103.88999

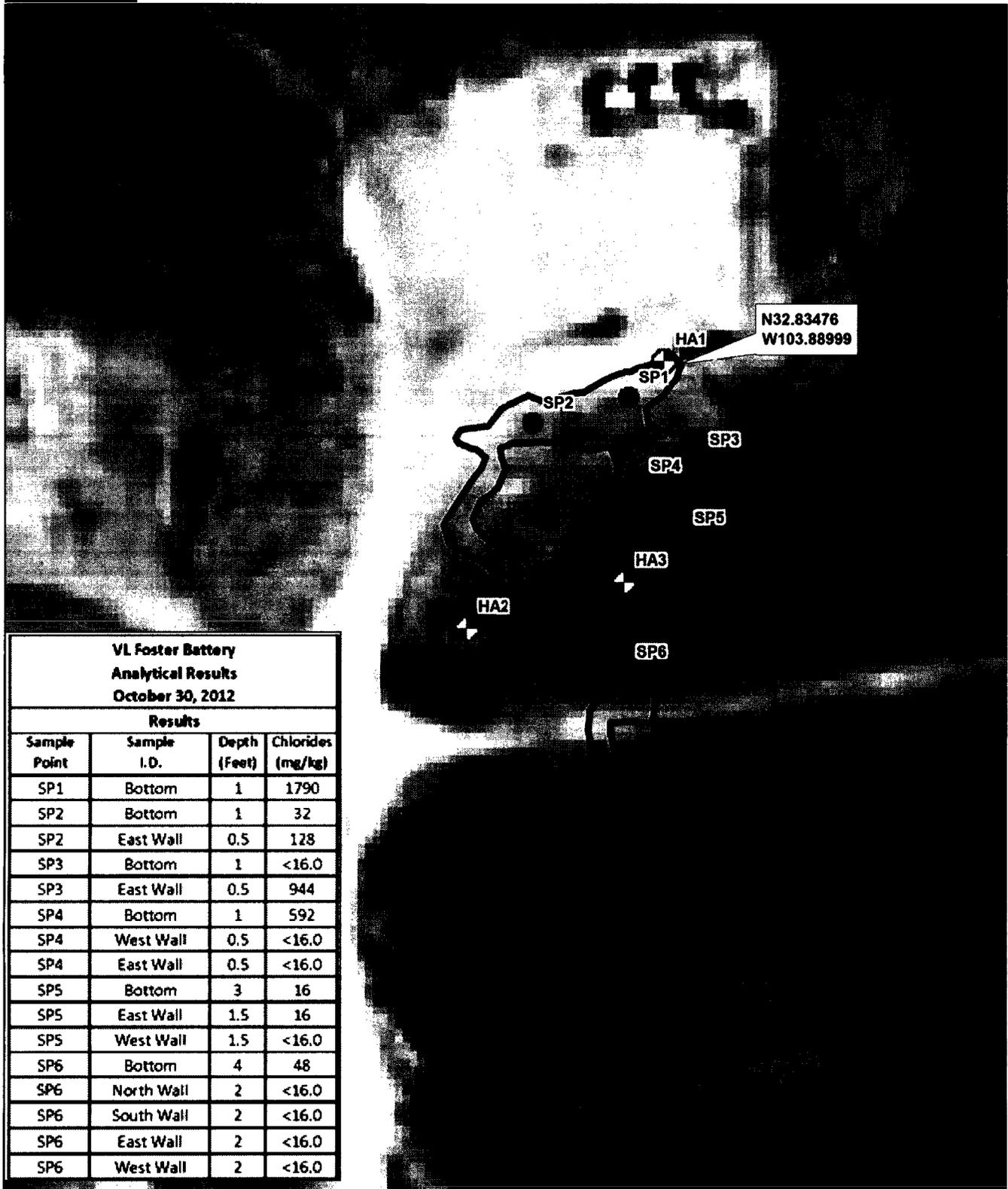
Dear Mike & Terry:

1. Attached is the sample points map and analytical data for the clearance sampling of the VL Foster 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. ACD Oilfield Services is requesting permission to backfill and close the site in accordance with the stipulations for the site.

Thank you for your assistance.

A handwritten signature in black ink, appearing to read "Kit Prichard". The signature is fluid and cursive.

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

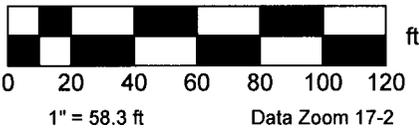


**VL Foster Battery  
Analytical Results  
October 30, 2012**

**Results**

Sample Point	Sample I.D.	Depth (Feet)	Chlorides (mg/kg)
SP1	Bottom	1	1790
SP2	Bottom	1	32
SP2	East Wall	0.5	128
SP3	Bottom	1	<16.0
SP3	East Wall	0.5	944
SP4	Bottom	1	592
SP4	West Wall	0.5	<16.0
SP4	East Wall	0.5	<16.0
SP5	Bottom	3	16
SP5	East Wall	1.5	16
SP5	West Wall	1.5	<16.0
SP6	Bottom	4	48
SP6	North Wall	2	<16.0
SP6	South Wall	2	<16.0
SP6	East Wall	2	<16.0
SP6	West Wall	2	<16.0

Scale 1:700



ACD Oilfield Service  
LINN Energy VL Foster Battery  
Clearance Sampling Map



MN (7.6° E)

Data use subject to license.

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www.delorme.com



October 30, 2012

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: V L FOSTER BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/26/12 15:30.

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](http://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:	10/26/2012	Sampling Date:	10/26/2012
Reported:	10/30/2012	Sampling Type:	Soil
Project Name:	V L FOSTER BATTERY	Sampling Condition:	** (See Notes)
Project Number:	323-3607-000	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY		

**Sample ID: SP 1 BOTTOM 1' (H202623-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1790	16.0	10/29/2012	ND	400	100	400	0.00		

**Sample ID: SP 2 BOTTOM 1' (H202623-02)**

Chloride, SM4500CI-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	10/29/2012	ND	400	100	400	0.00		

**Sample ID: SP 2 E WALL 0-6" (H202623-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	10/29/2012	ND	400	100	400	0.00		

**Sample ID: SP 3 BOTTOM 1' (H202623-04)**

Chloride, SM4500CI-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	10/29/2012	ND	400	100	400	0.00		

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Received:	10/26/2012	Sampling Date:	10/26/2012
Reported:	10/30/2012	Sampling Type:	Soil
Project Name:	V L FOSTER BATTERY	Sampling Condition:	** (See Notes)
Project Number:	323-3607-000	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY		

**Sample ID: SP 3 E WALL 0-6" (H202623-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	944	16.0	10/29/2012	ND	400	100	400	0.00		

**Sample ID: SP 4 BOTTOM 1' (H202623-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	10/29/2012	ND	400	100	400	0.00		

**Sample ID: SP 4 W WALL 0-6" (H202623-07)**

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	10/29/2012	ND	400	100	400	0.00		

**Sample ID: SP 4 E WALL 0-6" (H202623-08)**

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	10/29/2012	ND	400	100	400	0.00		

**Sample ID: SP 5 BOTTOM 3' (H202623-09)**

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	10/29/2012	ND	416	104	400	3.77		

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Reported:	10/30/2012	Sampling Type:	Soil
Project Name:	V L FOSTER BATTERY	Sampling Condition:	** (See Notes)
Project Number:	323-3607-000	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY		

**Sample ID: SP 5 E WALL 1.5' (H202623-10)**

Chloride, SM4500CI-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	10/29/2012	ND	416	104	400	3.77		

**Sample ID: SP 5 W WALL 1.5' (H202623-11)**

Chloride, SM4500CI-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	10/29/2012	ND	416	104	400	3.77		

**Sample ID: SP 6 BOTTOM 4' (H202623-12)**

Chloride, SM4500CI-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	10/29/2012	ND	416	104	400	3.77		

**Sample ID: SP 6 N WALL 2' (H202623-13)**

Chloride, SM4500CI-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	10/29/2012	ND	416	104	400	3.77		

**Sample ID: SP 6 S WALL 2' (H202623-14)**

Chloride, SM4500CI-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	10/29/2012	ND	416	104	400	3.77		

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Reported:	10/30/2012	Sampling Type:	Soil
Project Name:	V L FOSTER BATTERY	Sampling Condition:	** (See Notes)
Project Number:	323-3607-000	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY		

**Sample ID: SP 6 E WALL 2' (H202623-15)**

Chloride, SM4500CI-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	10/29/2012	ND	416	104	400	3.77		

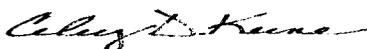
**Sample ID: SP 6 W WALL 2' (H202623-16)**

Chloride, SM4500CI-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	10/30/2012	ND	416	104	400	3.77		

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

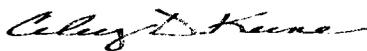
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager





**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Etech P.O. #: 323-3607-000

Project Manager: Fred Holmes Company: Etech

Address: \_\_\_\_\_ Attn: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Project #: 323-3607-000 Project Owner: \_\_\_\_\_

Project Name: VE Foster Parkway State: \_\_\_\_\_ Zip: \_\_\_\_\_

Project Location: EDDY COUNTY City: \_\_\_\_\_

Sampler Name: TEVY OSCOR Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

FOR LAB USE ONLY: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	REMARKS
H202683	11			GROUNDWATER			10/21		CHLORIDES
	12			WASTEWATER					
	13			SOIL					
	14			OIL					
	15			SLUDGE					
	16			OTHER					

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Relinquished By: [Signature] Date: 10/26 Received By: [Signature]

Relinquished By: [Signature] Date: 10/26 Received By: [Signature]

Time: \_\_\_\_\_

Delivered By: (Circle One) UPS Sample Condition: Cool Intact CHECKED BY: [Signature]

Sampler - UPS - Bus - Other: \_\_\_\_\_

Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_

Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_

REMARKS: \_\_\_\_\_

\* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #226

