

Electronic Correspondence

October 22, 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, HE West B 80
API No.: 30-015-28299
Legal: Unit L, Section 9, T17S, R31E, 1410 FSL & 193 FWL, Eddy Co., NM
GPS: N32.84524, W103.88110

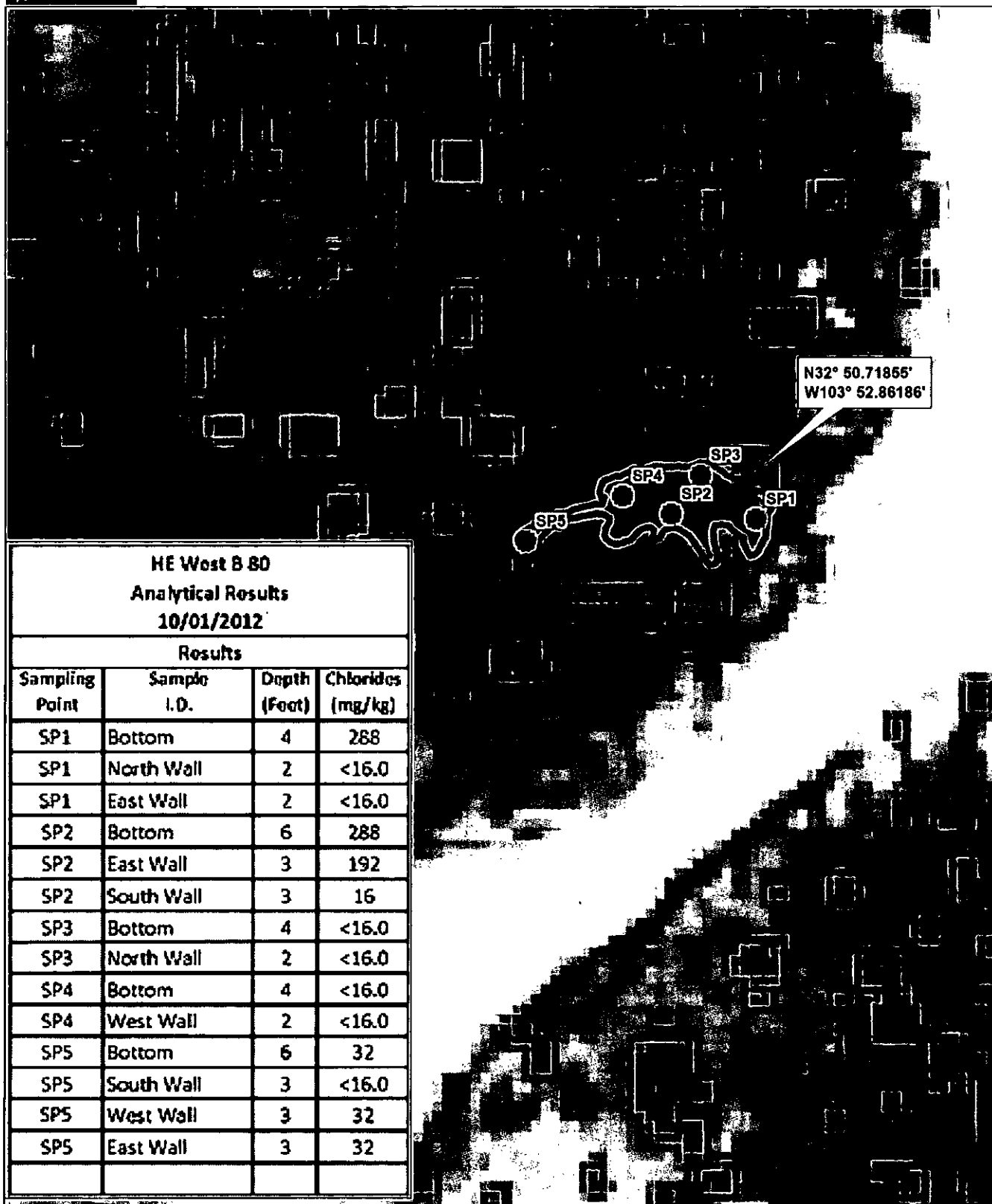
Dear Mike & Terry:

1. Attached is the sample points map and analytical data for the clearance sampling of the HE West B 80.
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.

A handwritten signature in black ink, appearing to read "Kit Prichard".

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

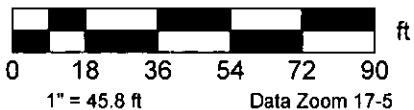


**HE West B 80
Analytical Results
10/01/2012**

Results

Sampling Point	Sample I.D.	Depth (Feet)	Chlorides (mg/kg)
SP1	Bottom	4	288
SP1	North Wall	2	<16.0
SP1	East Wall	2	<16.0
SP2	Bottom	6	288
SP2	East Wall	3	192
SP2	South Wall	3	16
SP3	Bottom	4	<16.0
SP3	North Wall	2	<16.0
SP4	Bottom	4	<16.0
SP4	West Wall	2	<16.0
SP5	Bottom	6	32
SP5	South Wall	3	<16.0
SP5	West Wall	3	32
SP5	East Wall	3	32

Scale 1:550



LINN Energy
HE West B 80
Sample Points Clearance Map



Data use subject to license.

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www.delorme.com

October 01, 2012

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: H E WEST B #80

Enclosed are the results of analyses for samples received by the laboratory on 09/27/12 16:05.

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.

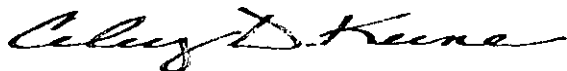
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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,



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: 09/27/2012
 Reported: 10/01/2012
 Project Name: H E WEST B #80
 Project Number: 253-3563-000
 Project Location: NONE GIVEN

 Sampling Date: 09/27/2012
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP 1 BOTTOM 4' (H202358-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/01/2012	ND	416	104	400	3.92	

Sample ID: SP 1 N WALL 2' (H202358-02)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/01/2012	ND	416	104	400	3.92	

Sample ID: SP 1 E WALL 2' (H202358-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/01/2012	ND	416	104	400	3.92	


Sample ID: SP 2 BOTTOM 6' (H202358-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/01/2012	ND	416	104	400	3.92	

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: 09/27/2012
 Reported: 10/01/2012
 Project Name: H E WEST B #80
 Project Number: 253-3563-000
 Project Location: NONE GIVEN

 Sampling Date: 09/27/2012
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP 2 E WALL 3' (H202358-05)

Chloride, SM4500Cl-B			mg/kg							Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	192	16.0	10/01/2012	ND	416	104	400	3.92			

Sample ID: SP 2 S WALL 3' (H202358-06)

Chloride, SM4500Cl-B			mg/kg							Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	16.0	16.0	10/01/2012	ND	416	104	400	3.92			

Sample ID: SP 3 BOTTOM 4' (H202358-07)

Chloride, SM4500Cl-B			mg/kg							Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	10/01/2012	ND	416	104	400	3.92			

Sample ID: SP 3 N WALL 2' (H202358-08)

Chloride, SM4500Cl-B			mg/kg							Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	10/01/2012	ND	416	104	400	3.92			

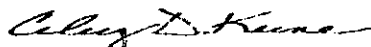
Sample ID: SP 4 BOTTOM 4' (H202358-09)

Chloride, SM4500Cl-B			mg/kg							Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	10/01/2012	ND	416	104	400	3.92			

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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: 09/27/2012
 Reported: 10/01/2012
 Project Name: H E WEST B #80
 Project Number: 253-3563-000
 Project Location: NONE GIVEN

 Sampling Date: 09/27/2012
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP 4 W WALL 2' (H202358-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/01/2012	ND	416	104	400	3.92	

Sample ID: SP 5 BOTTOM 6' (H202358-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2012	ND	416	104	400	3.92	

Sample ID: SP 5 S WALL 3' (H202358-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/01/2012	ND	400	100	400	0.00	

Sample ID: SP 5 W WALL 3' (H202358-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2012	ND	400	100	400	0.00	

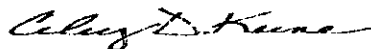
Sample ID: SP 5 E WALL 3' (H202358-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2012	ND	400	100	400	0.00	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

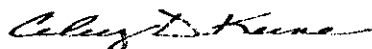
Notes and Definitions

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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Celey D. Keene, Lab Director/Quality Manager



Company Name:	Etech	Project #:	253-3563-000	Project Owner:	
Project Manager:	Frank Halsey	Project Name:	HF West B	#80	
Address:		Project Location:			
City:		Sampler Name:	Terry Osborn		
State:					
Zip:					
Phone #:					
Fax #:					
Attn:					
Address:					
City:					
State:					
Zip:					
Company:					
P.O. #:					
BILL TO					

[illegible][illegible]

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RETURN TO ADDRESS ABOVE OR MAIL TO: ENVIRONMENTAL HEALTH SERVICES, 10700 WEST HAYWARD AVENUE, SUITE 100, HAYWARD, CA 94543-1080 PHONE: (415) 594-7000 FAX: (415) 594-7001 TOLL FREE: 1-800-451-7000					
Relinquished By:		Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____	
Delivered By: _____		Date: _____ Time: _____		Checked By: _____ Initials: _____	
Sampler - UPS - Bus - Other:		Sample Condition			
		Cool	Intact		
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Phone Result: _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Fax Result: _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Add'l Phone #: _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Add'l Fax #: _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
REMARKS:					



Company Name: Erech Holmes		BILL TO	
Project Manager: Fred Holmes		P.O. #:	
Address:		Company:	
City:	State:	Attn:	
Phone #:	Fax #:	Address:	
Project #: 253-3563-000		City:	
Project Name: HE West B 80		State:	Zip:
Project Location:		Phone #:	
Sampler Name: Terry Osborn		Fax #:	

FOR LAB USE ONLY		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	MATRIX	PRESERV.	SAMPLING
					OTHER: SLUDGE OIL	ACID/BASE: ICE / COOL OTHER:	DATE TIME
Lab I.D. <u>H202358</u>	Sample I.D. <u>SPS Bottom 6'</u>	11					9/27
	<u>SPS S wall 3'</u>	12					
	<u>SPS W wall 3'</u>	13					
	<u>SPS E. wall 3'</u>	14					

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Relinquished By: _____ Date: 8/27
Time: 2:00 PM

Received By: _____
Phone Result: _____
Fax Result: _____
REMARKS: _____

Relinquished By:	Date:	Received By:	Date:

Time:	Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:			

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