

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

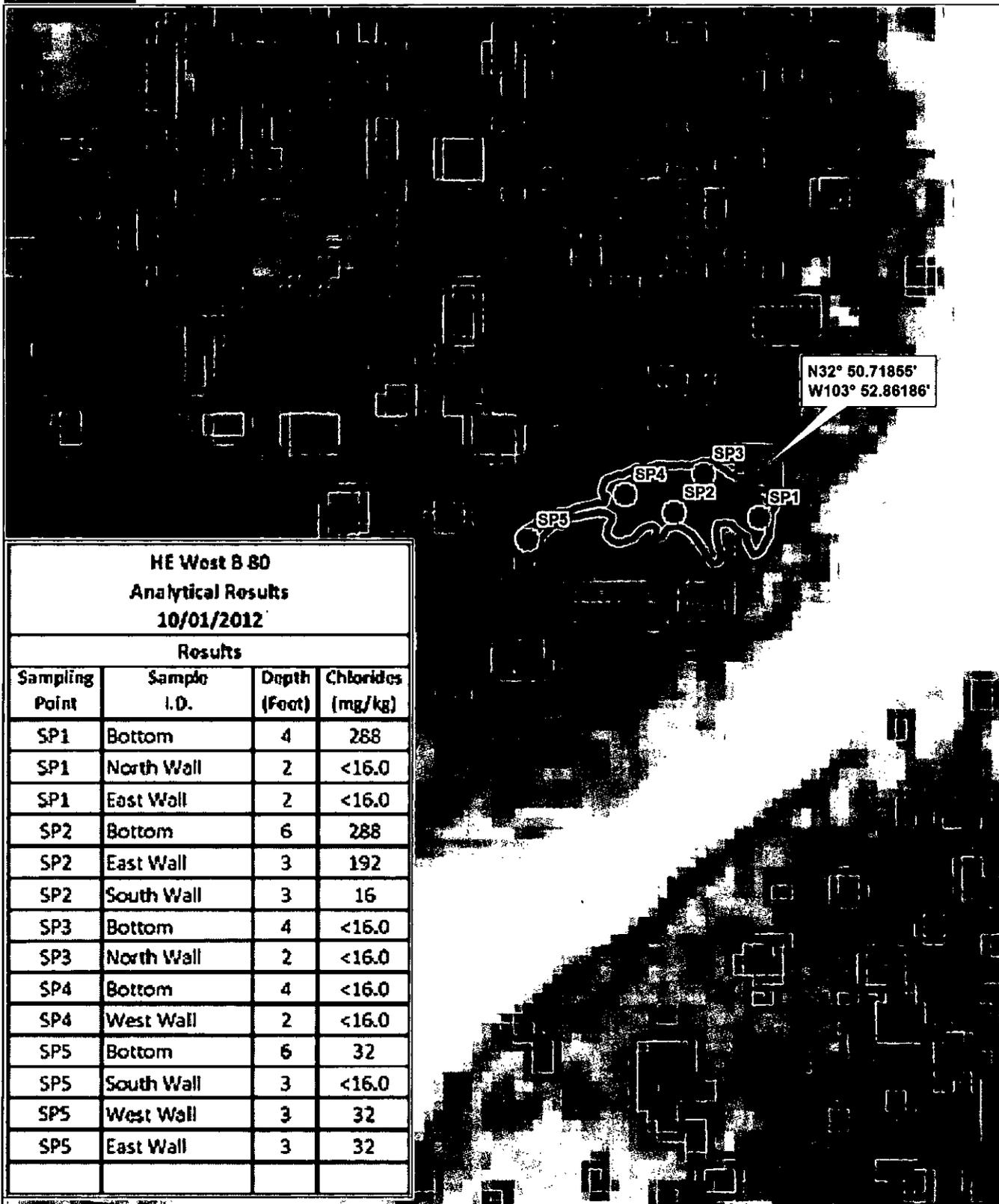
Dear Mike & Terry:

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". The signature is fluid and cursive.

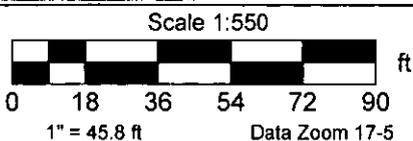
Kit Prichard
Project Manager – Etech Environmental & Safety Solutions, Inc.



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

Results

Sampling Point	Sample I.D.	Depth (Foot)	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



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.

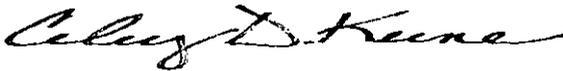
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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	Sampling Date:	09/27/2012
Reported:	10/01/2012	Sampling Type:	Soil
Project Name:	H E WEST B #80	Sampling Condition:	** (See Notes)
Project Number:	253-3563-000	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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

Chloride, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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, SM4500CI-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		

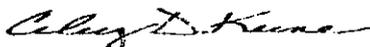
Sample ID: SP 4 BOTTOM 4' (H202358-09)

Chloride, SM4500CI-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	Sampling Date:	09/27/2012
Reported:	10/01/2012	Sampling Type:	Soil
Project Name:	H E WEST B #80	Sampling Condition:	** (See Notes)
Project Number:	253-3563-000	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

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		

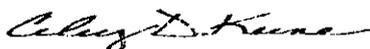
Sample ID: SP 5 E WALL 3' (H202358-14)

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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Celestine 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

Cardinal Laboratories

*=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
 (576) 393-2326 FAX (575) 393-2476

Company Name: E Tech		BILL TO		ANALYSIS REQUEST	
Project Manager: Fred Halberstam		P.O. #:			
Address:		Company:			
City:	State:	Zip:	Attn:		
Phone #:	Fax #:	Address:			
Project #: 253-3563-000	Project Owner:		City:		
Project Name: H E West B #80	State:	Zip:	Phone #:		
Project Location:	Phone #:		Fax #:		
Sampler Name: Terry Osborn	Matrix:		Preserv:		
	WASTEWATER		ICE / COOL		
	GROUNDWATER		ACID/BASE		
	# CONTAINERS		OTHER:		
	(G)RAB OR (C)OMP.		SLUDGE		
			SOIL		
			DATE		
			TIME		
Lab I.D.	Sample I.D.				
H207358	SP1 Bottom 4'		9/27		
1	SP1 N. wall 2'				
2	SP1 E wall 2'				
3	SP2 Bottom 6'				
4	SP2 E. wall 3'				
5	SP2 S. wall 3'				
6	SP3 Bottom 4'				
7	SP3 N. wall 2'				
8	SP4 Bottom 4'				
9	SP4 W wall 2'				
10					

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Relinquished By: *[Signature]* Date: 9/27 Time: 4:05
Received By: *[Signature]* Date: _____ Time: _____

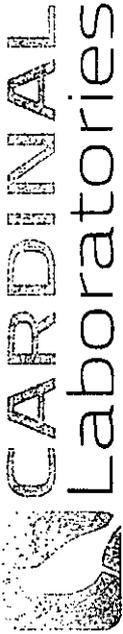
Relinquished By: _____ Date: _____ Time: _____

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: _____

Sample Condition:
 Cool Intact: Yes No
 Initials: *[Signature]*

Phone Result: Yes No
Fax Result: Yes No
Address Phone #: _____
Address Fax #: _____

REMARKS:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: E tech Project Manager: Fred Holmes Address: City: State: Zip: Phone #: Fax #: Project #: 253-3563-000 Project Owner: Project Name: HE west B 80 Project Location: Sampler Name: Terry Osborn		BILLTO P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
FOR LAB USE ONLY Lab I.D. Sample I.D. H202358 11 SPS Bottom 6' 12 SPS S wall 3' 13 SPS W wall 3' 14 SPS E wall 3'		MATRIX <input type="checkbox"/> CONTAINERS <input type="checkbox"/> (GRAB OR COMP.) <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER:		PRESERV <input type="checkbox"/> DATE <input type="checkbox"/> TIME 9/27	
				Chlorides	

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Relinquished By: [Signature]	Date: 9/27 Time: 1:05	Received By: [Signature]	Date: Time:	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 #:
REMARKS:				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				
Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: [Signature]				

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

H 26