

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, Turner B 98 API No.: 30-015-26620

Legal: Unit M, Section 29, T17S, R31E 1270 FSL, 50 FWL, Eddy Co., NM

GPS: N32.80324, W103.89658

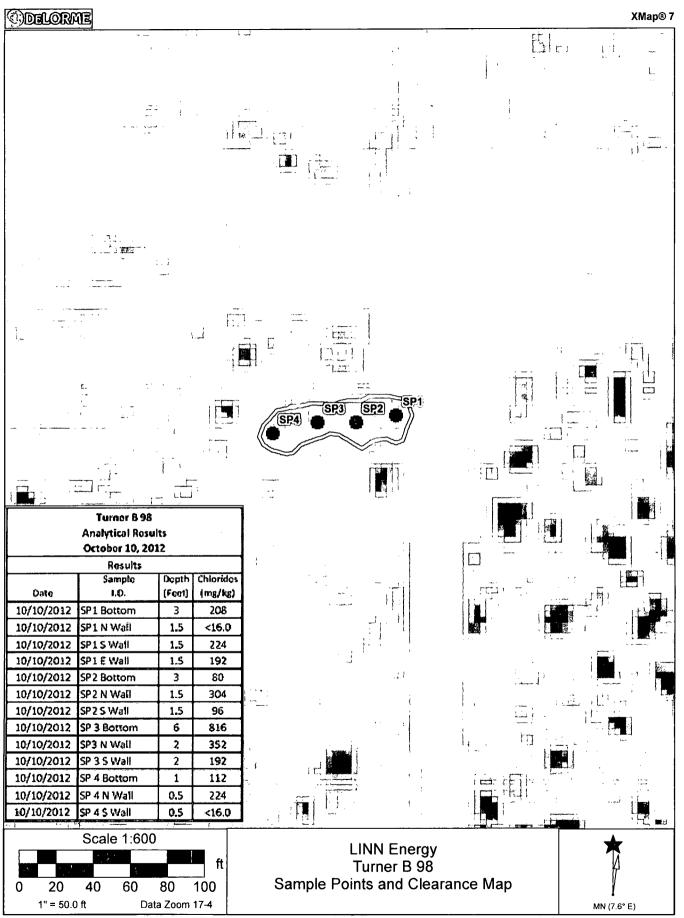
Dear Mike & Terry:

- 1. Attached is the sample points map and analytical data for the clearance sampling of the Turner B 98.
- 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.



Data use subject to license.



October 10, 2012

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: TURNER B #98

Enclosed are the results of analyses for samples received by the laboratory on 10/05/12 14:45.

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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keens

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:

10/05/2012

Reported:

10/10/2012

Project Name: Project Number: TURNER B #98 NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

10/05/2012

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Celey D. Keene

Sample ID: SP 1 BOTTOM 3' (H202434-01)

Chloride, SM4500CI-B

Chloride

Chloride

Chloride

Chloride

mg/kg

Analyzed By: HM

Analyte

Result

208

Result

<16.0

Result

224

Result

192

Reporting Limit Analyzed

10/08/2012

Analyzed

10/08/2012

Analyzed

10/08/2012

Method Blank ND

BS 416

416

BS

416

% Recovery 104

True Value QC 400

RPD 3.92 Qualifier

Sample ID: SP 1 N. WALL 1.5' (H202434-02)

Chloride, SM4500CI-B

Analyte

Analyte

Analyte

Reporting Limit

16.0

Reporting Limit

16.0

16.0

Analyzed By: HM Method Blank

ND

Method Blank

ND

BS % Recovery True Value QC

RPD Qualifier

Sample ID: SP 1 S. WALL 1.5' (H202434-03)

Chloride, SM4500CI-B

Analyzed By: HM

104

% Recovery

104

400

True Value QC

400

3.92

RPD

3.77

Sample ID: SP 1 E. WALL 1.5' (H202434-04) Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

Reporting Limit

16.0

Analyzed 10/08/2012 Method Blank ND

BS 416 % Recovery 104

True Value QC 400

RPD 3.77 Qualifier

Oualifier

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Page 2 of 7



Analytical Results For:

ETECH Environmental & Safety Solutions, Inc. FRED HOLMES

P. O. BOX 8469 MIDLAND TX, 79708

Fax To:

(432) 563-2213

Received:

10/05/2012

Sampling Date:

10/05/2012

Reported:

10/10/2012

Sampling Type:

Soil

Project Name:

TURNER B #98

Sampling Condition:

** (See Notes)

Project Number: Project Location:

NONE GIVEN **NOT GIVEN**

Sample Received By:

Celey D. Keene

Sample ID: SP 2 BOTTOM 3' (H202434-05)

CHI	oride	, CM	145N	וחרו	-R

mg/kg

Analyzed By: HM

Analyzed

Method Blank

BS 416 % Recovery 104

True Value QC

RPD

3.77

Chloride

Result 80.0

Reporting Limit 16.0

Reporting Limit

16.0

Reporting Limit

16.0

10/08/2012

Analyzed

ND

400

Oualifier

Sample ID: SP 2 N. WALL 1.5' (H202434-06)

mg/kg

hloride, SM4500Cl-B			

Analyte

Analyzed By: HM

BS

% Recovery True Value QC RPD

Chloride

Chloride

Result 304

16.0 10/08/2012 Method Blank ND

416

104

400

Qualifier

Sample ID: SP 2 S. WALL 1.5' (H202434-07)

Chloride, SM4500CI-B

Analyzed By: HM

Analyte Result Reporting Limit Analyzed

10/08/2012

Method Blank

% Recovery

True Value QC

RPD

3.77

Qualifier

Sample ID: SP 3 BOTTOM 6' (H202434-08)

Analyte

Analyte

Analyzed By: HM

Analyzed

Analyzed

10/08/2012

ND

BS

416

104

400

3.77

Chloride, SM4500CI-B

mg/kg

Reporting Limit

Method Blank

% Recovery

True Value QC

RPD

RPD

3,77

Qualifier

Chloride

816

Result

352

Result

96.0

16.0 10/08/2012 ND

Method Blank

ND

416

104

400

True Value QC

400

Chloride

Sample ID: SP 3 N. WALL 2' (H202434-09)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

BS

416

% Recovery

104

3.77

Qualifier

Cardinal Laboratories

*=Accredited Analyte

within thirty (30) days after completion of the applicable service.

Celeg to Keens

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:

10/05/2012

Reported:

10/10/2012

Project Name: Project Number: TURNER B #98 NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

10/05/2012

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Celey D. Keene

Sample ID: SP 3 S. WALL 2' (H202434-10)

Chloride, SM4500Cl-B

Chloride

Chloride

Chloride

Chloride

mg/kg

Analyzed By: HM

Analyte

Result

192

Result

112

Result

224

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed 10/08/2012

Analyzed

10/08/2012

Method Blank ND

BS 416

BS

416

416

% Recovery 104

True Value QC

RPD

Qualifier

Sample ID: SP 4 BOTTOM 1' (H202434-11)

Chloride, SM4500CI-B

Analyte

Analyzed By: HM

Method Blank

ND

% Recovery

104

104

400

True Value QC

400

400

3.77

RPD

3.77

Qualifier

Sample ID: SP 4 N. WALL 0-6" (H202434-12)

Chloride, SM4500Cl-B

Analyzed By: HM

Analyte

Reporting Limit

16.0

Analyzed 10/08/2012 Method Blank ND

BS % Recovery True Value QC

RPD 3.77 Qualifier

Sample ID: SP 4 S. WALL 0-6" (H202434-13)

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

Analyte Result Reporting Limit Analyzed <16.0 16.0

10/08/2012

Method Blank ND

BS 416 % Recovery 104

True Value QC 400

RPD 3.77 Qualifier

Cardinal Laboratories

*=Accredited Analyte

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Celeg to Keene 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

Cardinal Laboratories *=Accredited Analyte

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Celego Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	101 East Marland, Hobbs, NM (575) 393-2326 FAX (575) 393-3			1 of 2
Company Name			BILL TO	ANALYSIS REQUEST
Project Manage			P.O. #:	
Address:	The state of the s		Company:	
City:	State:	Zip:	Attn:	
Phone #:	Fax #:	THE RESIDENCE OF THE PROPERTY	Address:	
Project #:	Project Ov	/ner:	City:	
Project Name:	Turner 898		State: Zip:	
Project Location	·		Phone #:	
Sampler Name:	Terry Osborn		Fax #:	
10	Sample I.D. Sp1 Botton 3' Sp1 N. wall 1.5' Sp1 S. wall 1.5 Sp2 Bottom 3' Sp2 N. wall 1.5' Sp2 S. wall 1.5' Sp3 Bottom 6' Sp3 N. wall 2' Sp3 S. wall 2'	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL	10-5-12	
Relinquished B	10-5- Time: 145	chating without familiation, business intermotifying representation of whether such claim of the control of the	is, loss of line, or loas of profile recurred by clerit, its suith is based upon entry of the above stated massins or off Phone Fax Re REMA	s subsidiaries,
Sampler - UPS	- Bus - Other:	Cool Intact	t (Initials) res OU	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		20/2-
Company Name: E+CCh	BILL TO	ANALYSIS REQUEST
Project Manager:	P.O. #:	
Address:	Company:	
City: State: Zip:	Attn:	
Phone #: Fax #:	Address:	
Project #: Project Owner:	City:	
Project Name: Turner B 98	State: Zip:	
Project Location:	Phone #:	
Sampler Name: Terry 956077 FOR LAB USE CALV MATRIX	Fax #: PRESERV SAMPLING	
Lab I.D. Sample I.D. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ACIDITANE OTHER: OTHER: ACIDITANE CE/COOL CF/OOL CF/OOL	
analyses. All claims including those for negligence and any other cause whatseners shall be deemed waterd unless made in writing it service. In no event shall carbe at the baste for incurrent or consequential damages, including without hardston themselves interactions and the state of the performance of services including without hardston to the performance of services including. Received By: Date:	into recovered by Cardinal within 30 case after connected on at the applicable of these of predicts mounted by closed its substitutions, or lease of predicts mounted by closed its substitutions, or its causes upon any of the above stated reasons by concrease. Phone Result: Yes No REMARKS: Yes No REMARKS:	