

Bratcher, Mike, EMNRD

From: Fred Holmes [fred@etechenv.com]
Sent: Thursday, September 29, 2011 2:57 PM
To: Bratcher, Mike, EMNRD; 'Gregston, Terry G'
Cc: 'Daniel Frick'; 'Ron Ragland'; 'Joe Hernandez'; 'Cindi Strickland'
Subject: LINN Energy - Turner B North #11 Injection Line Release - Initial C-141
Attachments: Turner B North 11 Assessment Map 092611.pdf; Turner B North 11 Assessment Photo Log 092611.pdf; Turner B North 11 Injection Corrective Action Plan 092911.pdf; Turner B North 11 Injection Line Initial C-141 092911.pdf

Mike and Terry:

Please find attached the initial C-141, site map, photo log and corrective action plan for the LINN Energy, Turner B North #11 Injection Line. Please let me know if you have any questions.

Respectfully:

Fred Holmes

Etech Environmental & Safety Solutions, Inc.

P.O. Box 8469

Midland, Texas 79708-8469

Phone: 432-563-2200

Fax: 432-563-2213

E-mail: fred@etechenv.com

CONFIDENTIAL

This e-mail message, including any attachments, is intended solely for the individual(s) named above. It contains confidential and/or proprietary information. If you are not the intended recipient, please do not read, copy or distribute it or any information it contains. Please immediately notify the sender by return mail and delete it.



Corrective Action Report – Short Form

(To Accompany C-141)

Date: 09/29/11

Lease Name: Turner B North #11

Type of Contamination: ☐ Hydrocarbon ☒ Produced Water ☐ Other (Specify):

Cause of Release: Line Leak (Buried Fiberglass)

1.0 Site Information

General Setting and Area of Impact (Check All that Apply):

☐ Pad Only ☐ Road Only ☒ Off-Site Areas Impacted: ☐ Flat ☐ Sloped ☐ Drainage Features Impacted

Estimated Depth of Contamination: 4-5 Feet, Vertical

Estimated Area of Contamination: 20 Square Feet

Site Delineated: ☐ No ☒ Yes Method: ☒ Visual (probe/shovel) ☐ Sampling & Analysis (Attach Analysis)

2.0 Corrective Actions to Be Taken

Remedial Action Goals: ☐ Hydrocarbons <5,000 mg/kg ☒ Chlorides <1,000 mg/kg

Other (Specify):

Estimated Start Date: In progress

Estimated Completion Date: 10/11/11

2.1 Remedial Actions (Check All That Apply):

☒ Dig & Haul Disposal Site: ☐ CRI ☒ Lea Land ☐ Sundown ☐ Other (Specify):

☐ Blending ☐ Biological Degradation ☐ Irrigation ☐ Calcium Amendment & Irrigation

☐ Cap & Cover Cap Material: ☐ Clay ☐ Caliche ☐ Native Soil

☐ Liner: Mil Thickness: , Installation Depth: Feet

☐ Other (Specify):

2.2 Clearance Confirmation Sampling to be Performed: ☐ Yes ☒ No

3.0 Restoration Activities (Check All That Apply)

☒ Installation of Top Soil 1ft.

☒ Contour to Grade

☐ Erosion Control: ☐ Water Bars ☐ Rip/Rap ☐ Other (Specify):

☒ Seeding: ☐ Natural ☒ BLM Seed Mix #2 ☐ BLM Seed Mix #3 ☒ BLM Seed Mix #4

☐ Other:

Other Notes or Actions:

BLM Seed mix will be 50/50 #2 & #4. Restoration pending site clearance and approval from OCD and BLM.



Scale 1:2,600



0 80 160 240 320 400 ft

1" = 216.7 ft Data Zoom 15-7

**Turner B North #11 INjection Line
Release Assessment Map**



MN (7 7° E)

Data use subject to license

© DeLorme XMap® 7

www.delorme.com



