

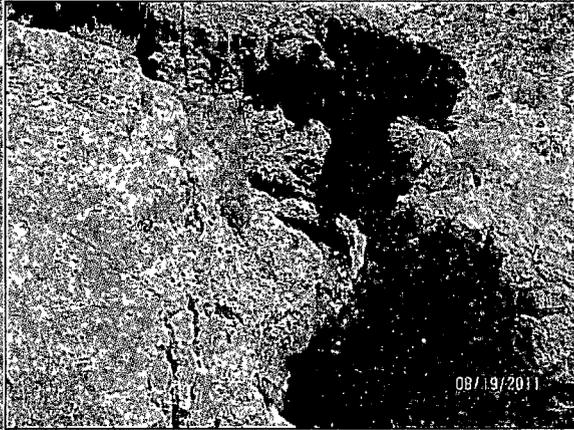
Corrective Action Plan

Date:	August 24, 2011
Client:	LINN Energy
Project:	Turner B 87 Flowline Release
Project Number:	253-2939-000
Contaminants :	Chlorides & Hydrocarbons

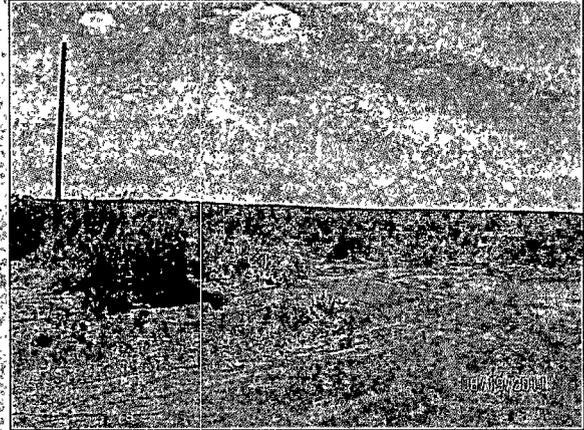
1. Remove surface staining from overspray at the release point.
2. Excavate primary pathway from the release point through the area of SP1 to where the drainage feature deepens until chlorides are less than 1,000 mg/kg (1-2'). Verify with laboratory analysis for Chlorides.
3. This area is the deeper section of the drainage feature. Observed staining area is 6 to 12 inches but is located at the depth of the feature is 6-7 feet. In order to preserve as much of the drainage feature it is proposed to irrigate this section after the completion of items 1,2, & 4. The open area at SP3 will be used to collect any surface water from irrigation. It should be noted that the samples collected at SP2 were based upon finding a sampling point that would represent a worse case basis for this section. The sampling site was directly up-gradient of an area of the drainage feature that had sloughed off creating a small blockage allowing liquids to pool in this area. The remainder of the feature has similar appearance to SP3.

A small amount of surfactant with dissolved calcium sulfate will be used with freshwater as the irrigant. This should aid in removing the hydrocarbons and allowing the salts to migrate vertically from the soils in this section. Samples will be collected and analyzed for TPH and Chlorides to ensure that the first 1-2 foot interval of the section is properly treated.

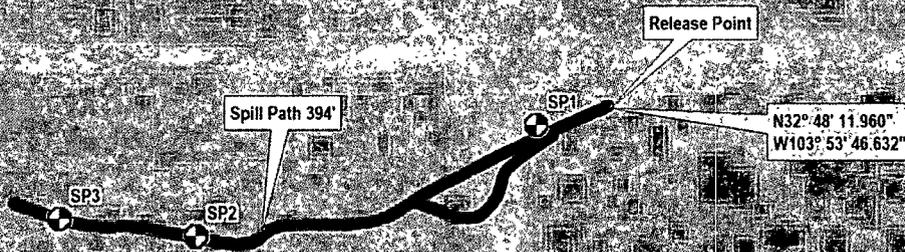
4. Excavate the primary pathway from a point near SP2 through surface staining past SP3 (.5-1ft vertical). Verify with laboratory analysis for Chlorides.
5. Backfill excavated areas to original grade maintaining the established drainage pathway. Place rip-rap material at the headway the deeper section of the drainage to minimize erosion control.
6. Final closure report will be prepared and submitted once completed.



Pathway Photo in Narrow Section



Release Point Photo



Pathway Photo Near Terminus

Scale 1:1,400



0 40 80 120 160 200 240

1" = 116.7 ft

Data Zoom 16-6

Turner B 87 Flowline Release Assessment Map

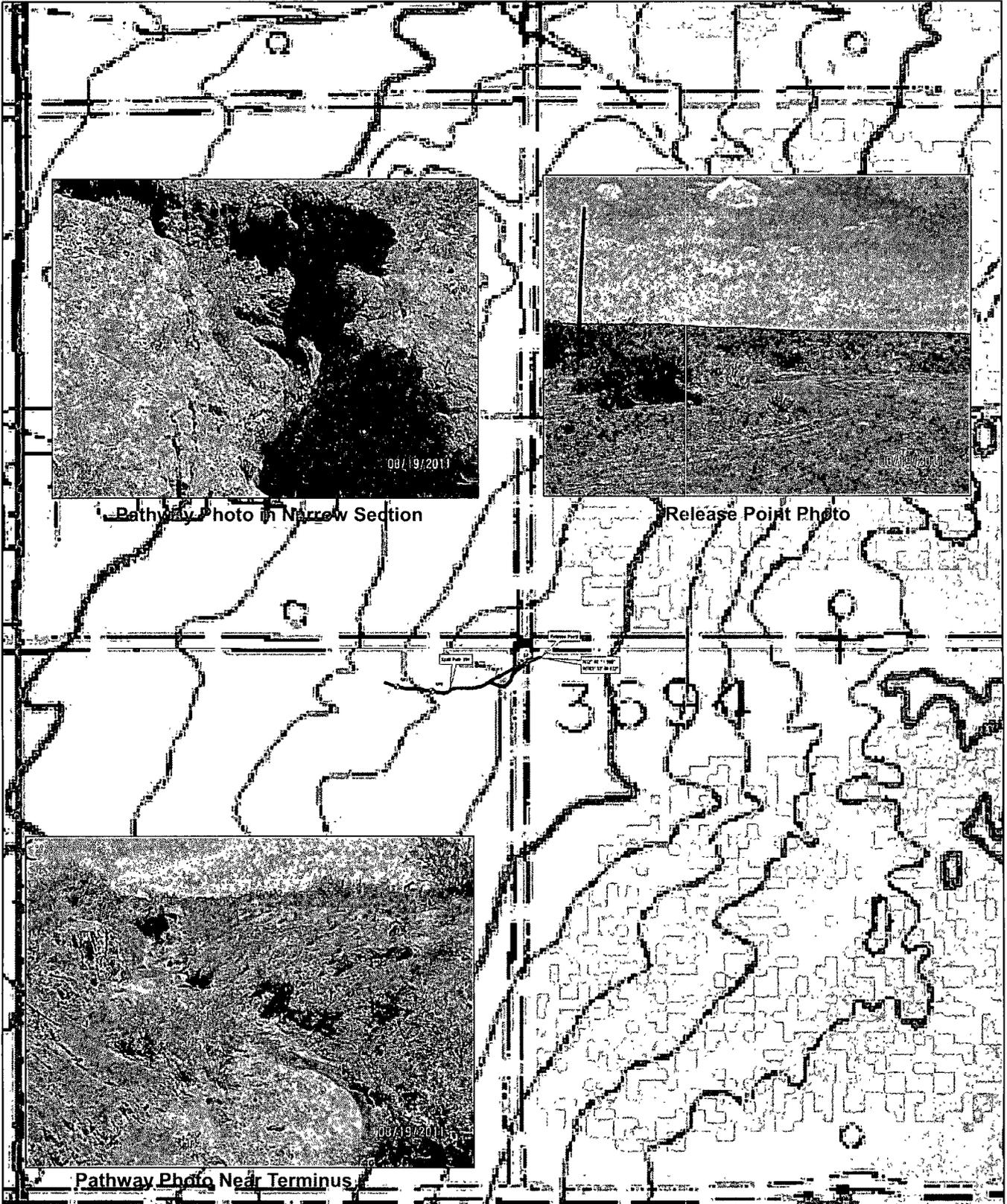


MN (7 8° E)

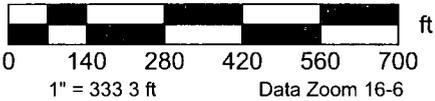
Data use subject to license

© DeLorme. XMap® 7

www.delorme.com



Scale 1:4,000



Turner B 87 Flowline Release Assessment Map



MN (7 8° E)

Data use subject to license.

© DeLorme. XMap® 7.

www.delorme.com

August 23, 2011

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: TURNER B 87 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 08/19/11 18:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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:	08/19/2011	Sampling Date:	08/19/2011
Reported:	08/23/2011	Sampling Type:	Soil
Project Name:	TURNER B 87 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	253-2937-000	Sample Received By:	Aaron Berry
Project Location:	EDDY CO. NM		

Sample ID: SP 1 0-1' (H101766-01)

BTEX 8021B	mg/kg	Analyzed By: CMS					S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	08/22/2011	ND	2.03	101	2.00	4.76		
Toluene*	0.991	0.200	08/22/2011	ND	1.95	97.7	2.00	5.55		
Ethylbenzene*	2.90	0.200	08/22/2011	ND	1.99	99.6	2.00	6.29		
Total Xylenes*	6.66	0.600	08/22/2011	ND	6.02	100	6.00	6.05		

Surrogate 4-Bromofluorobenzene (PIL) 149 % 70-130

TPH 8015M	mg/kg	Analyzed By: ab								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	293	100	08/23/2011	ND	194	97.1	200	5.39		
DRO >C10-C28	2700	100	08/23/2011	ND	180	90.0	200	1.89		

Surrogate 1-Chlorooctane 119 % 70-130

Surrogate 1-Chlorooctadecane 121 % 70-130

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	08/19/2011	Sampling Date:	08/19/2011
Reported:	08/23/2011	Sampling Type:	Soil
Project Name:	TURNER B 87 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	253-2937-000	Sample Received By:	Aaron Berry
Project Location:	EDDY CO. NM		

Sample ID: SP 2 0-1' (H101766-06)

BTEX 8021B		mg/kg		Analyzed By: CMS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	6.17	0.500	08/22/2011	ND	2.03	101	2.00	4.76		
Toluene*	31.4	0.500	08/22/2011	ND	1.95	97.7	2.00	5.55		
Ethylbenzene*	31.7	0.500	08/22/2011	ND	1.99	99.6	2.00	6.29		
Total Xylenes*	56.4	1.50	08/22/2011	ND	6.02	100	6.00	6.05		

Surrogate 4-Biomofluorobenzene (PIL) 144 % 70-130

TPH 8015M		mg/kg		Analyzed By: ab					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	3680	100	08/23/2011	ND	194	97.1	200	5.39		
DRO >C10-C28	13400	100	08/23/2011	ND	180	90.0	200	1.89		

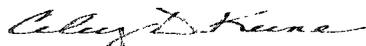
Surrogate 1-Chlorooctane 135 % 70-130

Surrogate 1-Chlorooctadecane 112 % 70-130

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	08/19/2011	Sampling Date:	08/19/2011
Reported:	08/23/2011	Sampling Type:	Soil
Project Name:	TURNER B 87 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	253-2937-000	Sample Received By:	Aaron Berry
Project Location:	EDDY CO. NM		

Sample ID: SP 3 0-1' (H101766-11)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.053	0.050	08/22/2011	ND	2.03	101	2.00	4.76		
Toluene*	0.118	0.050	08/22/2011	ND	1.95	97.7	2.00	5.55		
Ethylbenzene*	0.082	0.050	08/22/2011	ND	1.99	99.6	2.00	6.29		
Total Xylenes*	0.155	0.150	08/22/2011	ND	6.02	100	6.00	6.05		

 Surrogate *p*-Bromofluorobenzene (PIL) 107 % 70-130

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	12.0	10.0	08/23/2011	ND	194	97.1	200	5.39		
DRO >C10-C28	342	10.0	08/23/2011	ND	180	90.0	200	1.89		

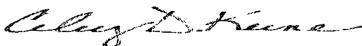
 Surrogate *1*-Chlorooctane 103 % 70-130

 Surrogate *1*-Chlorooctadecane 113 % 70-130

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

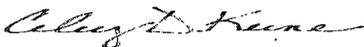
Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

PLEASE NOTE Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

Company Name: Etch Env. & Safety Solutions, Inc.		BILL TO				ANALYSIS REQUEST															
Project Manager: Fred Holmes		P.O. #:																			
Address: P.O. Box 8469		Company:																			
City: Midland State: TX Zip: 79708		Attn:																			
Phone #: 432-563-2200 Fax #: 432-563-2713		Address:																			
Project #: Project Owner:		City:																			
Project Name:		State: Zip:																			
Project Location:		Phone #:																			
Sampler Name:		Fax #:																			
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	(GIRAS OR C/O) MAP	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	TPH (8015)	TPH EXT (TX 1005)	Chlorides												
				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	ACID/BASE ICE / COOL OTHER	DATE TIME															
H101766-11	3.3		1			9/19			X	X											
-12	3.3		1						X	X											
-13	3.3		1						X	X											
-14	3.4		1						X	X											
-15	4.5		1			9/19 1715			X	X											

PLEASE NOTE: Liability and Remedial Action: Cardinal's liability and remedial action shall be limited to the amount paid by the client for the services. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. No work shall be performed for incidental or consequential damages, including without limitation business interruptions, loss of data, or loss of profits incurred by client, its subsidiaries or affiliates. Cardinal shall not be liable for any such damages. All fees are subject to change and are subject to the terms and conditions of Cardinal's standard terms of service. Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished:		Date: 9/19	Received By: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
[Signature]		Time: 15:15		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS:	
		Time:			
Delivered By: (Circle One)		Temp. #26	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>	CHECKED BY: [Signature]	
Sampler - UPS - Bus - Other:		3.50	Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.



August 23, 2011

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: TURNER B 87 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 08/19/11 18:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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 fluid and cursive.

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:	08/19/2011	Sampling Date:	08/19/2011
Reported:	08/23/2011	Sampling Type:	Soil
Project Name:	TURNER B 87 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	253-2937-000	Sample Received By:	Aaron Berry
Project Location:	EDDY CO. NM		

Sample ID: SP 1 0-1' (H101766-01)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6800	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 1 1-2' (H101766-02)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6700	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 1 2-3' (H101766-03)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 1 3-4' (H101766-04)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	08/22/2011	ND	448	112	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	08/19/2011	Sampling Date:	08/19/2011
Reported:	08/23/2011	Sampling Type:	Soil
Project Name:	TURNER B 87 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	253-2937-000	Sample Received By:	Aaron Berry
Project Location:	EDDY CO. NM		

Sample ID: SP 1 4-5' (H101766-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 2 0-1' (H101766-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3480	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 2 1-2' (H101766-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 2 2-3' (H101766-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 2 3-4' (H101766-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	08/22/2011	ND	448	112	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	08/19/2011	Sampling Date:	08/19/2011
Reported:	08/23/2011	Sampling Type:	Soil
Project Name:	TURNER B 87 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	253-2937-000	Sample Received By:	Aaron Berry
Project Location:	EDDY CO. NM		

Sample ID: SP 2 4-5' (H101766-10)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 3 0-1' (H101766-11)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 3 1-2' (H101766-12)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 3 2-3' (H101766-13)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/22/2011	ND	448	112	400	0.00		

Sample ID: SP 3 3-4' (H101766-14)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2011	ND	448	112	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	08/19/2011	Sampling Date:	08/19/2011
Reported:	08/23/2011	Sampling Type:	Soil
Project Name:	TURNER B 87 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	253-2937-000	Sample Received By:	Aaron Berry
Project Location:	EDDY CO. NM		

Sample ID: SP 3 4-5' (H101766-15)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/22/2011	ND	448	112	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

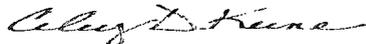
Notes and Definitions

- 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

PLEASE NOTE Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

Company Name: Etch Env. & Safety Solutions, Inc.		BILL TO		ANALYSIS REQUEST															
Project Manager: Fred Holmes		P.O. #:																	
Address: P.O. Box 8469		Company:																	
City: Midland State: TX Zip: 79708		Attn:																	
Phone #: 432-563-2200 Fax #: 432-563-2213		Address:																	
Project #: Project Owner:		City:																	
Project Name:		State: Zip:																	
Project Location:		Phone #:																	
Sampler Name:		Fax #:																	
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	GRAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING		TPH (8015)	TPH EX1 (TX 1005)	Chlorides	OTHER					
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME					
H101766-11	303 2-1		1			X					X		8/12	10:00	X			X	BTX
-12	303 1-2		1			X					X		1	1	X			X	
-13	303 2-3		1			X					X		1	1	X			X	
-14	302 4-4		1			X					X		1	1	X			X	
-15	303 4-5		1			X					X		8/14	17:15	X			X	

PLEASE NOTE: Claims and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client. Its subsidiaries, affiliates or successors and/or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished By:	Date: 8/19	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: _____	Time: 13:45	Received By: _____	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Temp: #26 3.50	Sample Condition: Cool Intact	REMARKS:	
Sampler - UPS - Bus - Other:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		
		CHECKED BY: (Initials)		

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.