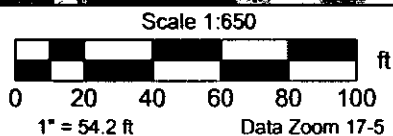


Skelly A Water Tank Analytical Results April 16, 2012			
Results			
Sampling Point	Sample I.D.	Depth (Feet)	Chlorides (mg/kg)
SP1	Bottom	6	1650
SP1	East Wall	3	688
SP1	West Wall	3	720
SP1	North Wall	3	384
SP2	Bottom	6	4480
SP2	West Wall	3	272
SP2	East Wall	3	48
SP3	Bottom	6	4880
SP3	East Wall	3	5680
SP3	West Wall	3	64
SP4	Bottom	6	4800
SP4	South Wall	3	32
SP4	West Wall	3	160
SP4	East Wall	3	864
SP5	Bottom	3	1150
SP5	South Wall	2	64
SP5	East Wall	2	32
SP5	South Wall	3	432



Skelly A Produced Water Tank
Clearance Sampling Results Map



Data use subject to license.

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Chloride Probe Field Analysis Sheet

Client: LINN Energy
 Site: Skelly A Water Tank Project Number: 253-3299-000
 Technician: Osborn Contaminant: Chlorides
 Instrument: YSI Chloride Probe Model/SN: Pro 1030/114100517
 Calibration Checks Good: ☒ Yes ☐ No Calibration Standard: 250 mg/kg

Date	Sample I.D.	Milliliters of Sample Used	Dilution	Reading (mg/kg)	Final Result (mg/kg)	Notations
03/24/12	SP1 Bot 6'	10	6.00	298.00	1,788.00	Bottom Sample
03/24/12	SP1 E Wall 3'	10	6.00	65.00	390.00	East Wall Sample
03/24/12	SP1 W Wall 3'	10	6.00	65.00	390.00	West Wall Sample
03/24/12	SP1 E Wall 3'	10	6.00	133.00	798.00	East Wall Sample
03/24/12	SP2 Bot 6'	10	6.00	807.00	4,842.00	Bottom Sample
03/24/12	SP2 E Wall 3'	10	6.00	12.00	72.00	East Wall Sample
03/24/12	SP2 W Wall 3'	10	6.00	42.00	252.00	West Wall Sample
03/24/12	SP3 Bot 6'	10	6.00	823.00	4,938.00	Bottom Sample
03/24/12	SP3 W Wall 3'	10	6.00	17.00	102.00	West Wall Sample
03/24/12	SP3 E Wall 3'	10	6.00	994.00	5,964.00	East Wall Sample, Next to Pump
03/24/12	SP4 Bot 6'	10	6.00	898.00	5,388.00	Bottom Sample
03/24/12	SP4 W Wall 3'	10	6.00	11.00	66.00	West Wall Sample
03/24/12	SP4 E Wall 3'	10	6.00	128.00	768.00	East Wall Sample
03/24/12	SP4 S Wall 3'	10	6.00	10.00	60.00	South Wall Sample
03/24/12	SP5 Bot 6'	10	6.00	196.00	1,176.00	Bottom Sample
03/24/12	SP5 E Wall 3'	10	6.00	5.00	30.00	East Wall Sample
03/24/12	SP5 S Wall 2'	10	6.00	8.00	48.00	West Wall Sample
03/24/12	SP5 S Wall 3'	10	6.00	78.00	468.00	South Wall Sample
					0.00	
					0.00	
					0.00	
					0.00	
					0.00	
					0.00	
					0.00	
					0.00	
					0.00	
					0.00	
					0.00	
					0.00	
					0.00	
					0.00	

Chloride Probe Field Analysis Sheet

Client:	LINN Energy	
Site:	Skelly A Water Tank-Delineation	Project Number: 253-3299-000
Technician:	Osborn	Contaminant: Chlorides
Instrument:	YSI Chloride Probe	Model/SN: Pro 1030/114100517
Calibration Checks Good:	<input checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No	Claibration Standard: 250 mg/kg

[illegible]



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

April 16, 2012

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: SKELLY UNIT PRODUCED WATER TANK

Enclosed are the results of analyses for samples received by the laboratory on 04/09/12 17:00.

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:	04/09/2012	Sampling Date:	04/09/2012
Reported:	04/16/2012	Sampling Type:	Soil
Project Name:	SKELLY UNIT PRODUCED WATER TANK	Sampling Condition:	** (See Notes)
Project Number:	253-3299-000	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NM		

Sample ID: SP 1 BOTTOM 6' (H200808-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	04/12/2012	ND	400	100	400	0.00	

Sample ID: SP 1 E WALL 3' (H200808-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	04/13/2012	ND	400	100	400	0.00	

Sample ID: SP 1 W WALL 3' (H200808-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	04/13/2012	ND	400	100	400	0.00	

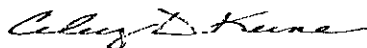
Sample ID: SP 1 N WALL 3' (H200808-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/13/2012	ND	400	100	400	0.00	

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:	04/09/2012	Sampling Date:	04/09/2012
Reported:	04/16/2012	Sampling Type:	Soil
Project Name:	SKELLY UNIT PRODUCED WATER TANK	Sampling Condition:	** (See Notes)
Project Number:	253-3299-000	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NM		

Sample ID: SP 2 BOTTOM 6' (H200808-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	04/13/2012	ND	400	100	400	0.00	

Sample ID: SP 2 W WALL 3' (H200808-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/13/2012	ND	400	100	400	0.00	

Sample ID: SP 2 E WALL 3' (H200808-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/13/2012	ND	432	108	400	0.00		

Sample ID: SP 3 BOTTOM 6' (H200808-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	04/13/2012	ND	432	108	400	0.00	

Sample ID: SP 3 E WALL 3' (H200808-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5680	16.0	04/13/2012	ND	432	108	400	0.00		

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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:	04/09/2012	Sampling Date:	04/09/2012
Reported:	04/16/2012	Sampling Type:	Soil
Project Name:	SKELLY UNIT PRODUCED WATER TANK	Sampling Condition:	** (See Notes)
Project Number:	253-3299-000	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NM		

Sample ID: SP 3 W WALL 3' (H200808-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/13/2012	ND	432	108	400	0.00	

Sample ID: SP 4 BOTTOM 6' (H200808-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	04/13/2012	ND	432	108	400	0.00	

Sample ID: SP 4 S WALL 3' (H200808-12)

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	04/13/2012	ND	432	108	400	0.00	

Sample ID: SP 4 W WALL 3' (H200808-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/13/2012	ND	432	108	400	0.00	

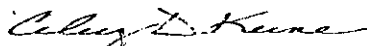
Sample ID: SP 4 E WALL 3' (H200808-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	04/13/2012	ND	432	108	400	0.00	

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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:	04/09/2012	Sampling Date:	04/09/2012
Reported:	04/16/2012	Sampling Type:	Soil
Project Name:	SKELLY UNIT PRODUCED WATER TANK	Sampling Condition:	** (See Notes)
Project Number:	253-3299-000	Sample Received By:	Jodi Henson
Project Location:	LOCO HILLS, NM		

Sample ID: SP 5 BOTTOM 3' (H200808-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	04/13/2012	ND	432	108	400	0.00	

Sample ID: SP 5 S WALL 2' (H200808-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/13/2012	ND	432	108	400	0.00		

Sample ID: SP 5 E WALL 2' (H200808-17)

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	04/13/2012	ND	432	108	400	0.00	

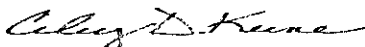
Sample ID: SP 5 S WALL 3' (H200808-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	04/13/2012	ND	432	108	400	0.00	

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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

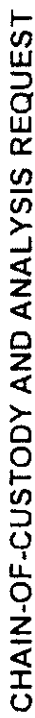


Company Name: Etech		P.O. #: 253-3299-000		BILL TO ANALYSIS REQUEST															
Project Manager: Fred Holmes		Company:																	
Address:		Attn:																	
City:		Address:																	
Phone #:		City:																	
Project #: 253-3299-000 Project Owner:		State:																	
Project Name: Skelly Unit Problem 9 Water Tank		Zip:																	
Project Location: Lees Hill		Phone #:																	
Sampler Name: Stephen Robinson		Fax #:																	
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING													
		# CONTAINERS																	
		(G) RAB OR (C) OMP.																	
		GROUNDWATER		ACID/BASE		DATE													
		WASTEWATER		ICE / COOL		TIME													
		SOIL		OTHER:															
		SLUDGE		OTHER:															
		OIL																	
		Sample I.D.																	
1	H200803	SP1 Bottom	6'			4-9-12	12:00												
2		SP1 E Wall	3'																
3		SP1 W Wall	3'																
4		SP1 N Wall	3'																
5		SP2 Bottom	6'																
6		SP2 W Wall	3'																
7		SP2 E Wall	3'																
8		SP3 Bottom	6'																
9		SP3 E Wall	3'																
10		SP3 W Wall	3'																

[illegible]

Relinquished By:		Date: 4-9-12	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
<i>[Signature]</i>		Time: 7:00 p.m.	<i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS:	
		Time:			
Delivered By: (Circle One)		Sample Condition		CHECKED BY:	
		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		(Initials) <i>[Signature]</i>	
Sampler - UPS - Bus - Other:		250			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



Company Name:						BILL TO								ANALYSIS REQUEST																					
Project Manager:						P.O.#: 253-3297-000																													
Address:						Company:																													
City:						Altn:																													
Phone #:						Address:																													
Project #: 253-3297-000 Project Owner:						City:																													
Project Name: Skelly Unit Reservoir Water Tunnel						State:								Zip:																					
Project Location: Loco Hills						Phone #:																													
Sampler Name: Stephen Warden						Fax #:																													
FOR LAB USE ONLY						MATRIX										PRESERV										SAMPLING									
						# CONTAINERS										(G)RAB OR (C)OMP.																			
Lab I.D.						Sample I.D.																													
H200808																																			
1 SP4 Bottom 6'																																			
2 SP4 S wall 3'																																			
3 SP4 W wall 3'																																			
4 SP4 E wall 3'																																			
5 SP5 Bottom 3'																																			
6 SP5 S wall 3'																																			
7 SP5 E wall 2'																																			
8 SP5 S wall 3'																																			

[illegible]

Relinquished By: <i>Stephane...</i>	Date: <i>5-9-12</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Relinquished By: _____	Time: <i>5:00</i>	Received By: _____	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Delivered By: (Circle One)	Time: _____	Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other:	<i>1500</i>	Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		CHECKED BY: <i>[Signature]</i>		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

April 20, 2012

FRED HOLMES

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: SKELLY A BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/19/12 12:00.

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: 04/19/2012
Reported: 04/20/2012
Project Name: SKELLY A BATTERY
Project Number: 253-3999-000
Project Location: EDDY COUNTY, NM

Sampling Date: 04/19/2012
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP 1 6-7' (H200902-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	04/20/2012	ND	400	100	400	0.00	

Sample ID: SP 2 11-12' (H200902-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	04/20/2012	ND	400	100	400	0.00	

Sample ID: SP 3 11-12' (H200902-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	04/20/2012	ND	400	100	400	0.00	

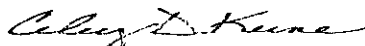
Sample ID: SP 4 11-12' (H200902-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	04/20/2012	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

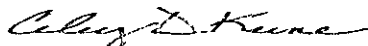
Notes and Definitions

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

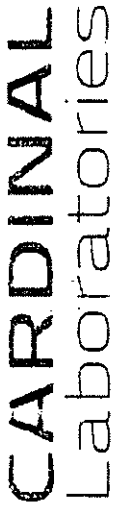
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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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(575) 393-2326 FAX (575) 393-2476

[illegible]

† Calculated assuming acceptance of all changes; please fax within 10 business days.