



May 31, 2017

ROBBIE RUNNELS

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: XTO CORRAL CANYON

Enclosed are the results of analyses for samples received by the laboratory on 05/26/17 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 Basin Environmental Service
 ROBBIE RUNNELS
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

 Received: 05/26/2017
 Reported: 05/31/2017
 Project Name: XTO CORRAL CANYON
 Project Number: #4H
 Project Location: EDDY

 Sampling Date: 05/24/2017
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BACKGROUND @ 15' (H701409-01)
Chloride, SM4500Cl-B
mg/kg
Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	05/30/2017	ND	416	104	400	3.77	

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



Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

Basin Environmental Service Technologies, LLC

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Basin Environmental Service Technologies, LLC

Project Manager: Robbie Rummels

Address: P.O. Box 301
City: Lovington State: NM Zip: 88260

Phone #: (575)396-2378 Fax #: (575)396-1429

Project #: Project Owner: XTO Energy

Project Name: Corral Canyon #4 H

Project Location: Eddy

Sampler Name: Matt Taylor

P.O. #: Company: XTO Energy

Attn: Amy Ruth

Address: City: State: NM Zip:

Phone #: Fax #:

MATRIX PRESERV. SAMPLING

FOR LAB USE ONLY
Lab I.D. Sample I.D.
H201409
Background @ 15'

(G)RAB OR (C)OMP. # CONTAINERS
9 1

GROUNDWATER WASTEWATER
SOIL OIL SLUDGE
OTHER: ACID/BASE: ICE / COOL OTHER:

DATE TIME
5/24/17 10:30

Chloride TPH (8015M) BTEX (8021B)

Relinquished By: Matt Ta
Date: 5/26/2017 Time: 630
Received By: Robbie R

Relinquished By: Date: 5-26-17 Time: 8:10
Received By: Janara

Delivered By: (Circle One) UPS - Bus - Other: 3390
Sample Condition Cool Intact Yes Yes No No

REMARKS: Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #:

CHECKED BY: (Initials) 49-#75
Please email results to pm@basinenv.com, Amy_Ruth@xtoenergy.com

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