

PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

August 9, 2017

Attn: Mike Bratcher

New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau – District 2 811 S. First St. Artesia, NM 88210

RE: Termination Request Report XTO Energy Inc. – James Ranch Unit 135 H UL/G sec. 21 T22S R30E API No. 30-015-42376 2RP-4250

Mr. Bratcher:

XTO Energy Inc. (XTO) has retained Basin Environmental Service Technologies (Basin) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately fourteen (14) miles northeast of Loving, New Mexico at Unit Letter G of Section 21 in Township 22 South of Range 30 East. The longitude is 32.380927 and the latitude is -103.881337. This site is located in an area where groundwater can be anticipated to found at a depth greater than two-hundred (200) feet below ground surface (bgs).

On May 5th, 2017, XTO discovered a release of approximately sixteen and seven tenths (16.7) barrels (bbls) of produced water from a corroded flow line. Approximately ten (10) bbls were recovered. The release impacted an estimated seven-thousand two-hundred eighty-eight (7,288) square feet (ft²) of well pad. The Bureau of Land Management (BLM) and New Mexico Oil Conservation Division (NMOCD) were notified of the release on June 13th, 2017, and an initial Release Notification and Corrective Action form (C-141) was submitted to NMOCD June 13th, 2017, for approval (Appendix A).

Basin personnel were on site beginning June 22^{nd} , 2017, to begin remediation activities. The impacted area was excavated down to approximately one and a half (1.5) foot bgs except in Floor 4 which was excavated down to two and a half (2.5) feet bgs. Seven (7) discreet floor soil samples from different areas were retrieved and submitted to a certified NMOCD approved commercial laboratory for confirmatory analysis of chloride concentrations.

Numerous discrete wall soil samples were taken at a depth of approximately one foot bgs and submitted to an approved NMOCD laboratory for concentration analysis of chlorides. Laboratory analysis confirms that the boundaries of the release were encompassed within the excavated area. Laboratory analysis shows the impacted areas of the release met the criteria necessary for closure of the release. (See Figure 2 for sampling locations)

The excavated area was backfilled with clean, non-impacted soils and contoured to the surrounding area.

Soil samples collected from the XTO, James Ranch Unit 135 H release site were analyzed by an NMOCD approved laboratory, and concentrations of chloride were below the recommended remediation action level (RRAL) established for the site (Appendix B). Soil exhibiting chloride concentrations above the RRAL were removed and disposed of at a BLM/NMOCD approved facility. XTO via Basin requests site closure to the James Ranch Unit 135 H release site.

Photo documentation of the release and remediation activities can be found in Appendix C.

Basin appreciates the opportunity to work with you on this project. Please contact me if you have any questions or wish to discuss the site.

Sincerely,

M

Robbie Runnels Project Manager Basin Environmental Service Technologies (575) 393-2967

Attachments:

Figure 1 – Site Location Map Figure 2 - Initial sampling Data Appendix A – Initial C-141 Appendix B – Laboratory Analysis Appendix C – Photo Documentation

FIGURES

Received by OCD: 3/16/2023 9:54:37 AM Geographic Location

Page 4 of 27

| 10 11 | 12 | 7 | 8 | 9 | 10 | 11 | 12 | 7 | 8 | 9 | 10 | 11 | 12 | 372 | 8 |
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| Serv | Effectiv | e Solu | tions | | | UL G & T-: | 22-S R | CTION 2 | | 0 EEE Drawir Drafted | 1 ng date: 8/9 d by: T. Gr | 2 Miles 9/17 ieco | s W | N S | ۰E |

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Initial Sampling



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APPENDICES

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APPENDIX –A C-141

NM OIL CONSERVATION

| | | | | | ESIA DI | | | | |
|---|--|--------------------------------|--------------------------|---|---|--|--|--|--------------|
| <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 | Stat Energy Mine | | New Mex and Natura | | IN 07 | 2017 | R | Form C- evised August 8, 1 | |
| District III 1000 Rio Brazos Road, Aztec, NM 87410 | | vation Div | vision R | | nit I Copy | to appropria | te District Offic h 19.15.29 NM | e in | |
| District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | | St. Franc | is Dr. | | uo | | | |
| | | | , NM 875 | | | | | | |
| · · · · · · | elease Notifica | ation | and Co | orrective A | ction | | | | |
| B171645716BODCOLP | | | OPERA | | | 🛛 Initia | l Report | Final R | epor |
| | 60737 | | Contact: Jac | | <u></u> | | | | |
| Address: 522 W. Mermod, Suite 704 Ca Facility Name: James Ranch Unit 135 | the second s | | | to. 432-266-26 e: Exploration | | luction | | | , |
| Surface Owner: Federal | Mineral Ov | | | | | | . 30-01542 | 276 | |
| Surface Owner. Federal | ······ | | | · · · · · · · · · · · · · · · · · · · | | AFINO | . 30-013-42 | .570 | |
| | and the second | | N OF REI South Line | | Endas | 7 | Country | | |
| Unit Letter Section Township Rang 21 22S 30E | ,. [| North/ | South Line | Feet from the 1135 | East w | est Line | County Eddy | | |
| G | Latitude 32.3 | 180921 | 7 Longitude | -103.881337 | | | | | |
| | | | | | | | | | |
| Type of Release | NATU | JRE | OF REL | | T | Volume R | ecovered | | |
| Produced water | | deter (| 16.7 bbl | | | 10 bbl | | | |
| Source of Release Flowline on eastern side of pad | | | | our of Occurrent time unknown | æ | Date and 1 5/25/17 10 | Hour of Disc | overy | |
| Was Immediate Notice Given? | | | If YES, To | | L | | | | |
| | No Not Req | uired | N/A | | | | | | |
| By Whom? N/A Was a Watercourse Reached? | ······································ | | Date and H | our N/A lume Impacting | the Wate | rcourse | | | <u></u> |
| Yes | 🛛 No | | N/A | iente mipueang | uio muto | | | | |
| If a Watercourse was Impacted, Describe Ful N/A | ly.* | | <u>(</u> | | . | <u></u> . | | | |
| Describe Cause of Problem and Remedial Ac A section of flowline pipe corroded, releasing | | sectior | n of pipe was | replaced. | | | | anna cana ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' | |
| | | | | | | | | | |
| Describe Area Affected and Cleanup Action The spill began on the eastern edge of the dri | | est app | roximately 3 | 00 feet. An envir | onmental | crew has | scraped the s | aturated soils a | nd |
| is in the process of sampling. | | | | | | | | | |
| | | | | | | _ | • | | |
| I hereby certify that the information given ab regulations all operators are required to repor public health or the environment. The accept should their operations have failed to adequa or the environment. In addition, NMOCD ac federal, state, or local laws and/or regulations | t and/or file certain rel tance of a C-141 report tely investigate and rer cceptance of a C-141 re | ease no t by the nediate | otifications and NMOCD m | nd perform correct arked as "Final R on that pose a thi | ctive action teport" do reat to gro | ons for rele bes not reli bund water | eases which i eve the opera- , surface wat | may endanger ator of liability ter, human heal | th |
| 1 / | | | | OIL CON | SERV. | ATION | DIVISIQ | ¥. | |
| Signature: | | | Approved by | Environmental S | pecialist | Ċμ/ | VAR) | \mathcal{W} | l |
| Printed Name: Jacob Foust Title: Environmental Supervisor | | | Approval Dat | e: 4131 | 1 E | Expiration | Date: N/A | • <u> </u> | |
| E-mail Address: Bryan_Foust@xtoenerg | y.com | | Conditions of | | - 1. | 201 | Attached | X | |
| Date: Phone: 432-266-2 | 663 | | y y | e att | nn | LU | | | |
| Attach Additional Sheets If Necessary | | | | | | ., <u>tutu</u> | 1 21 | 2P- 4251 | 0 |

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Page 9 of 27

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

| Release Notificati | on and (| | ction | | | _ | | |
|--|---|--|--------------|-------------------------|---------------|----------|--------------|--|
| Release Political | | | retion | | | | | |
| Name of Company: XTO Energy | OPERATOR Initial Report Final I Contact: Amy Ruth | | | | | | Final Report | |
| Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220 | Telephon | e No. 575-887-73 | | | | | | |
| Facility Name: James Ranch Unit #135H | Facility T | ype: Exploration | and Prod | uction | | | | |
| Surface Owner: Federal Mineral Owner | er: Federal | | | API No | . 30-015-4 | 12376 | | |
| LOCATI | ON OF R | ELEASE | | | | | | |
| Unit Letter Section Township Range Feet from the No | rth/South Line | th/South Line Feet from the Ea | | | County | | | |
| G 21 22S 30E 1460 No | rth | 1135 | East | | Eddy | | | |
| Latitude32.380927° | Longitu | de103.881337 | 7° | | | | | |
| | E OF RE | LEASE | | | | | | |
| Type of Release Produced Water | Volume | of Release 16.7 E | BPW Y | Volume I | Recovered | 10 BP | W | |
| Source of Release Flowline on eastern side of pad | | Hour of Occurren | | | Hour of Dis | | | |
| Was Immediate Notice Given? | | 7 time unknown To Whom? | 4 | 5/25/2017 | 7 10:00 A.I | M. | | |
| Yes I No X Not Requir | | | | | | | | |
| By Whom? N/A | | Hour N/A | | | | | | |
| Was a Watercourse Reached? | If YES, N/A | If YES, Volume Impacting the Watercourse. N/A | | | | | | |
| If a Watercourse was Impacted, Describe Fully.* | | | | | | | | |
| N/A | | | | | | | | |
| Describe Cause of Problem and Remedial Action Taken.* A section of flowline pipe corroded, releasing produced water. The sec | ction of pipe v | as replaced. | | | | | | |
| Describe Area Affected and Cleanup Action Taken.* | | | | | | | | |
| The spill began on the eastern edge of the drill island and flowed west constituents of concern in concentrations above required action levels. | | | | | | | | |
| returned from a commercial laboratory. The excavated soils were remo | oved to a NM | CD approved disp | osal facilit | ty and the | e excavation | was ba | ackfilled in | |
| lifts with clean caliche and compacted with a vibratory roller. | | | | | | | | |
| I hereby certify that the information given above is true and complete t | | | | | | | | |
| regulations all operators are required to report and/or file certain releas public health or the environment. The acceptance of a C-141 report by | e notifications | and perform correct marked as "Final R | ctive action | ns for release not reli | eases which | may er | ndanger | |
| should their operations have failed to adequately investigate and remed | iate contamin | ation that pose a thi | reat to grou | und water | r, surface wa | ter, hu | man health | |
| or the environment. In addition, NMOCD acceptance of a C-141 report federal, state, or local laws and/or regulations. | t does not reli | eve the operator of | responsibi | ility for c | ompliance v | vith any | / other | |
| reactar, state, or login laws add/or regulations. | | OIL CON | SERVA | TION | DIVISIO |)N | | |
| Signature: | | · | | \bigcirc | | | | |
| Printed Name: Amy C. Ruth | Approved by Environmental Specialist: Hall | | | | | all a | | |
| Title: Environmental Coordinator | Approval I | ate: 3/16/2023 | Ex | piration | Date: N/A | | | |
| E-mail Address: Amy_Ruth@xtoenergy.com | Conditions of Approval: | | | Attached | | | | |
| Date: 10/13/2017 Phone: 432-661-0571 | | N/A | | | Attached | L | | |
| Date: 10/13/2017 Phone: 432-661-0571 Attach Additional Sheets If Necessary | | | | | | | | |

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APPENDIX – B Analytical Reports



June 26, 2017

ROBBIE RUNNELS Basin Environmental Service P.O. Box 301 Lovington, NM 88260

RE: JRU DI 1 -#135H

Enclosed are the results of analyses for samples received by the laboratory on 06/23/17 12:40.

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/ga/lab_accred_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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

| | Basin Envir | onmental Service | | |
|------------|-------------|------------------|----------------|--|
| | ROBBIE RU | JNNELS | | |
| | P.O. Box 3 | 01 | | |
| | Lovington I | NM, 88260 | | |
| | Fax To: | (575) 396-1429 | | |
| | | | | |
| 06/23/2017 | | : | Sampling Date: | |

| Received: | 06/23/2017 | Sampling Date: | 06/22/2017 |
|-------------------|-----------------|---------------------|----------------|
| Reported: | 06/26/2017 | Sampling Type: | Soil |
| Project Name: | JRU DI 1 -#135H | Sampling Condition: | ** (See Notes) |
| Project Number: | NONE GIVEN | Sample Received By: | Celey D. Keene |
| Project Location: | EDDY | | |

Sample ID: FLOOR 1 @ 1.5' (H701651-01)

| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: CK | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 06/24/2017 | ND | 416 | 104 | 400 | 3.77 | |

Sample ID: FLOOR 2 @ 1.5' (H701651-02)

| Chloride, SM4500Cl-B mg/ | | kg Analyzed By: CK | | | | | | | |
|--------------------------|--------|--------------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 06/24/2017 | ND | 416 | 104 | 400 | 3.77 | |

Sample ID: FLOOR 3 @ 1.5' (H701651-03)

| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: CK | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: FLOOR 4 @ 1.5' (H701651-04)

| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: CK | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 720 | 16.0 | 06/24/2017 | ND | 416 | 104 | 400 | 3.77 | |

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

| | Basin Envi | ronmental Service | |
|------------|------------|-------------------|------|
| | ROBBIE RU | JNNELS | |
| | P.O. Box 3 | 01 | |
| | Lovington | NM, 88260 | |
| | Fax To: | (575) 396-1429 | |
| 06/00/00/7 | | Course in a De | |
| 06/23/2017 | | Sampling Da | ate: |

| Received: | 06/23/2017 | Sampling Date: | 06/22/2017 |
|-------------------|-----------------|---------------------|----------------|
| Reported: | 06/26/2017 | Sampling Type: | Soil |
| Project Name: | JRU DI 1 -#135H | Sampling Condition: | ** (See Notes) |
| Project Number: | NONE GIVEN | Sample Received By: | Celey D. Keene |
| Project Location: | EDDY | | |

Sample ID: FLOOR 5 @ 1.5' (H701651-05)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: FLOOR 6 @ 1.5' (H701651-06)

| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: NW 1 @ 1' (H701651-07)

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 288 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: NW 2 @ 1' (H701651-08)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 272 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: NW 3 @ 1' (H701651-09)

| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

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*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

| | | Basin Envir | onmental Service | | | | | |
|-------------------|-----------------|----------------|------------------|---------------------|----------------|--|--|--|
| | | ROBBIE RUNNELS | | | | | | |
| | | P.O. Box 301 | | | | | | |
| | | Lovington I | NM, 88260 | | | | | |
| | | Fax To: | (575) 396-1429 | | | | | |
| | | | | | | | | |
| Received: | 06/23/2017 | | | Sampling Date: | 06/22/2017 | | | |
| Reported: | 06/26/2017 | | | Sampling Type: | Soil | | | |
| Project Name: | JRU DI 1 -#135H | | | Sampling Condition: | ** (See Notes) | | | |
| Project Number: | NONE GIVEN | | | Sample Received By: | Celey D. Keene | | | |
| Project Location: | EDDY | | | | | | | |

Sample ID: NW 4 @ 1' (H701651-10)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: NW 5 @ 1' (H701651-11)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: NW 6 @ 1' (H701651-12)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: SW 1 @ 1' (H701651-13)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: SW 2 @ 1' (H701651-14)

| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NONE GIVEN

EDDY

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

Celey D. Keene

Analytical Results For:

| | Basin Env | ironmental Servic | e | |
|-----------------|------------|-------------------|---------------------|----------------|
| | ROBBIE R | UNNELS | | |
| | P.O. Box 3 | 301 | | |
| | Lovington | NM, 88260 | | |
| | Fax To: | (575) 396-142 | 29 | |
| 06/23/2017 | | | Sampling Date: | 06/22/2017 |
| 06/26/2017 | | | Sampling Type: | Soil |
| JRU DI 1 -#135H | | | Sampling Condition: | ** (See Notes) |

Sample ID: SW 3 @ 1' (H701651-15)

Received:

Reported:

Project Name:

Project Number:

Project Location:

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample Received By:

Sample ID: SW 4 @ 1' (H701651-16)

| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 320 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: SW 5 @ 1' (H701651-17)

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 352 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Sample ID: SW 6 @ 1' (H701651-18)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: CK | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 960 | 16.0 | 06/23/2017 | ND | 432 | 108 | 400 | 0.00 | |

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
|-------|--|
| 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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*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| 1 | Environmental Service Technologics | 5 | | | | | | | | |
|--|--|---|---|---|--------|--------------------|------|--------------------------------|---|----------|
| Project Manager: Robbi | Robbie Runnels | | | | | | 2 | | | |
| Address: P.O. Box 301 | | | ny: | XTO Energy | | | | | | |
| City: Lovington | State: NM Zip: | 88260 | An | 5 | | | | | | |
| Phone #: (575)396-2378 | Fax #: (575)396-1429 | | ess: | | | | | | | |
| Project #: | Project Owner: | XTO Energy | City: | | 1 |) | | | | |
| Project Name: JRU DI 1 - #135H | - #135H | | State: NM Zip: | 88260 <u>e</u> | 5M) | 21B | | | | |
| Project Location: Eddy | | | * | oric | 801 | (80) | | | | |
| Sampler Name: Jody Walters | ers | | Fax #: | Chi | РН (| EX | | | | |
| | | MATRIX | PRESERV. SAMPLING | | ТР | BT | | | | |
| Lab I.D. | Sample I.D. | | BASE: COOL | | | | | | | |
| HT014SI | ב ת | GRC WAS < SOIL OIL SLU | | | - | | _ | | | |
| Floor 2 | g 1.5' | | | | | | | | | |
| 3 Floor 3 @ | 1.5' | 1 × | x 6/22/17 | 10:10 x | | | | | | |
| Floor 4 | 9 1.5' g | 1 × | x 6/22/17 | 10:15 x | | | | | | |
| S Floor 5 @ | ັງ 1.5' g | 1 × | x 6/22/17 | 10:20 × | | | | | | |
| 🔓 Floor 6 @ | ູ 1.5' g | 1 × | x 6/22/17 | 10:25 x | | | .9 | | | |
| 1 | 1' g | 1 × | x 6/22/17 | 10:45 × | | | | | | |
| | | 1 × | x 6/22/17 | 10:50 × | | | | | | |
| | 1' g | 1 × | x 6/22/17 | 10:55 x | | | | | | |
| 10 | | 1 × | x 6/22/17 | 11:00 × | F | | | | | |
| -LEASE NOT LET. Leabury and Usingles. Cardinals leability a ranayses. All claims including those for negligence and any service. In no event shall Cardinal be liable for incidental or stillates or subcessors arising out of or related to the perfor stillates. | T-Ex-SE VOI FET. Laboling and Ulanages, Cartinat's liability and client's soutisme remoty for any client sing whether based in ontriad or fort, shall be limited to the amount paid by the client for the analyses. All clients including those for negligence and any other cause whatsoever shall be deemed waked unkess made in writing and treacked by Cardinal within 30 days after completion of the applicable service. In one west shall Cardinal be liable for incidental or consequental diamages, including which ut limitation, business interruptiong, loss of use, or loss of profils incurred by client, its subsidiaries, stiffliated of subcessors arising out of or related to the performance of services hereunder by Cardinal within the applicable in the based uncon any of the above stated to the performance of services hereunder by Cardinal invariants, whetheresuchdam is based uncon any of the above stated to the performance of services hereunder by Cardinal invariants and the service of the above stated to the performance of services hereunder by Cardinal invariants, whetheresuchdam is based uncon any of the above stated to the performance of services hereunder by Cardinal invariants and the service of the performance of services hereunder by Cardinal invariants and the service of the above stated to the performance of services hereunder by Cardinal invariants and the service of the above stated to the performance of services hereunder by Cardinal invariants and the service of the above stated to the performance of services hereunder by Cardinal invariants and the service of the above state of the performance of services hereunder by Cardinal invariants and the service of the above state of the performance of services hereunder by Cardinal invariants and the service of the above state of the performance of services hereunder by Cardinal invariants and the service of the above state of the performance of services hereunder by Cardinal invariants and the service of thereunder by Cardinal invariants and the service of thereu | g whether based in contract or tort, si d unless made in writing and received I ion, business interruptions, loss of use, rdless of whethersuch dam is based I | rard or rort, shall be limited to the amount pad by the c and received by Cardinal within 30 days after complete by loss of use, or loss of profits incurred by client, its su faim is based upon any of the above stated reasons or | lient for the on of the applicable ubsidiaries, otherwise. | | | | | | |
| Refinquished By: | Date: 6-25-17 | Received By: | | Phone Result: Fax Result: REMARKS: | | Yes □ N Yes □ N | No A | Add'l Phone #: Add'l Fax #: | | |
| Relinguished By: | 6.40 | Received By: WUU | , Ç | : : | | | | |) | |
| Delivered By: (Circle One) | One) | Sample Condition | CHES | _ rease email results to | esuits | | | nv.com, am | And Basimenv.com, amy_Rum@xtoenergy.com | ergy.com |
| Sampler - UPS - Bus - O | Other: 7,1 | | Coll #15 | | | TE | | | | |
| FORM-006 Revision 1.0 | † Cai | rdinal cannot accept v | † Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 | fax written chan | ges to | 575-393-; | 2476 | | | |

Page 17 of 27

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| Style: Linkinger: Fold brands Company: NOT Energy: NOT Energy: NOT Energy: NOT Energy: NOT Energy: NOT Energy: Not VrSIS RECUEST Names: FO3 Box 301 State: NM Z19 Advances Advances </th <th>93-2476</th> <th>yes to 575-393-2476</th> <th>chanç</th> <th>ax written</th> <th>s. Please fi</th> <th>+ Cardinal cannot accept verbal changes. Please fax written chang</th> <th>ept ve</th> <th>ot acc</th> <th>anno</th> <th>nalo</th> <th><u>å</u> (</th> <th>+ 0</th> <th>ĥ</th> <th>FORM-006</th> | 93-2476 | yes to 575-393-2476 | chanç | ax written | s. Please fi | + Cardinal cannot accept verbal changes. Please fax written chang | ept ve | ot acc | anno | nalo | <u>å</u> (| + 0 | ĥ | FORM-006 |
|---|--|---------------------|----------|------------------------------------|------------------------|---|--------------|---------------------------|----------------------------|---------|----------------------|---|---|--|
| Basin Environmental Service Technologies, LLC PLL TO Robbie Runnels PLL TO Box 301 State: NM Zip: 88260 Attr: XIO Energy Box 301 Fax #: (575)396-1429 Address: Fax #: (575)396-1429 Phone #: City: Roby City: Roby State: NM Zip: 8 City: Project Owner: XTO Energy City: Rohne #: Gody Walters MATRIX Preciect NM Zip: 8 Sample I.D. Roles MATRIX Preciect NM Zip: 8 Sample Colspan= Colspan="2">Address: Fax #: Solution | wate | | | ì | # | Ľ | | 5 % | | | 5 | 7,1 | Bus - | Sampler - UPS |
| Basin Environmental Service Technologies, LLC PO. #: RObie Runnels PO. #: Company: XTO Energy Basin Environmental Service Owner: XTO Energy City: RU DI 1 - #135H Fax #: (575)396-1429 Address: Sample L29 Address: Colspan="2">Fax #: (575)396-1429 State: NM Zip: a Address: Colspan="2">Fax #: (575)396-1429 Project Owner: TO Energy State: NM Zip: a Sample I.D. MATRIX PRESERV SAMPI.M NU 5 @ 1' g 1 A dress: Sample I.D. MATRIX PRESERV SAMPI.M NU 6 @ 1' g 1 A dress: 6022/17 Sample I.D. Colspan="2">Colspan="2">SAMPI.M MATRIX PRESERV SAMPI.M Sample I | | | | | (ED BY: | CHECK | ndition | le Cor | Samp | | | | (Circle One) | Delivered By: |
| Basin Environmental Service Technologies, LLC BLL TO BLL TO ANALYSIS Robbie Runnels Fox #: Company: X10 Energy City: Analysis Basin Environmental Service Technologies, LLC Fox #: Company: X10 Energy City: Any Ruth: Any Ruth: Size: Any Ruth: Any Ruth: Size: Any Ruth: Any Ruth: Size: Any Ruth: Size: Any Ruth: Size: Any Ruth: Size: | n@basineny.com, amy Ruth@xtoenergy.com | esults to pr | nail r | Please ei | | | | C | | | | Time: | | (|
| Basin Environmental Service Technologies, LLC BLL TO MAX_YSIS Robble Runnels Fox #: (57)396-1429 Cmpany: XTO Energy Rub 11 #1351 XTO Energy Fox #: (57)396-1429 Address: Sample LDD Address: Rub 11 #1351 TIME Chloride Rub 11 #1351 TIME TIME TIME TIME TIME Chloride Rub 11 #1351 TIME TIME Chloride Rub 11 #1351 TIME TIME Chloride Rub 11 #1351 TIME TIME TIME TIME TIME Chloride Rub 11 #1351 TIME < | | | | | | (| | \sim | B | ě | esei | | | Relinguished/By |
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| P.O. #: Company: XTO Energy Attn: Andress: Andress: Address: Any Ruth Address: Fax#: Fax#: Fax#: Fa | 5 | V 02 | ÷ | therwise. | stated reasons or o | n any of the above s | based po | | ether suc | s of wh | ardless | ices hereunder by Cardinal, re | out of or related to the performance of servi | filiates or successors arisin |
| × × × × × × × Chloride I I I I I I IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | | | |) of the applicable osidiaries, | red by client, its sut | Cardinal within 30 da loss of profits incurr | s of use, pr | ing and re tions, loss | de in writi 3 interrupi | ess mad | ved unka ation, b | atsoever shall be deemed wai amages, including without limit | those for negligence and any other cause what final be liable for incidental or consequental d | natyses. All claims including arvice. In no event shall Cau |
| Basin Environmental Service Technologies, LLC PO.#: Company: XTO Energy Address: Annualis Po.#: Annualis | | | ſ | ant for the | ount paid by the clk | be limited to the any | tort, shall | pontract or | ased in c | ether b | sing wh | lusive remedy for any claim an | Damages. Cardinal's liability and client's excl | LEASE NOTE: Liability and |
| Realin Environmental Service Technologies, LLC PO.#: PO.#: Number Name Proble Runnels Proble Runnels Proble Runnels Proble Runnels Proble Runnels Proble Runnels Real X (57)386-1423 Address: XTO Energy Address: XTO Energy Address: State: NM XTO Energy Address: Proble Runnels Proble Runnels Proble Runnels Proble Runnels Proble Runnels Proble Runnels Address: XTO Energy Address: State: NM Zip: S | | | | | | | | | | | | | | |
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| Resin Environmental Service Technologies, LLC PD.#: PD.#: PD.#: Number N | | | × | 11:55 | 6/22/17 | × | | × | | | <u>د.</u> | 9 | SW 6 @ 1' | 81, |
| Sample LC PILE TO Address: File TO NLE TO Company: XTO Energy Classical Action State: NM Zip: 88260 Attn:: Any Ruth State: NM Zip: 88260 Attn:: Any Ruth State: NM Zip: 88260 Attn:: Any Ruth State: NM Zip: 88260 Attn:: Any Ruth State: NM Zip: 88260 Attn:: Any Ruth State: NM Zip: 88260 Attn:: Any Ruth State: NM Zip: 88260 Attn:: Any Ruth State: NM Zip: 88260 Attn:: Any Ruth State: NM Zip: 88260 Attn:: Any Ruth State: NM Zip: 88260 State: NM Zip: 88260 Project Owner: XTO Energy Cliv: Fax #: Foloride Fax #: Foloride Fax #: Foloride Fax #: Chloride NUE © @ 11 G @ 11 Attribute Soll Site Colspan="2">Chloride TPH (8015M) Site @ 11 | | | × | 11:50 | 6/22/17 | × | | × | | | - | 9 | SW 5 @ 1' | |
| Basin Environmental Service Technologies, LLC PDLE TO PDLE TO PALE TO PALE TO 1. Box 301 State: NM Zip: 88/260 Attn: Anny Ruth | | | × | 11:45 | 6/22/17 | × | | × | | | | 9 | SW 4 @ 1' | |
| Basin Environmental Service Technologies, LLC PDLE TO PDLE TO PALE TO AMALYSIS 1) Box 301 State: NM Zip: 88/260 Attn: Anny Ruth For any Ruth Address: For any Ruth For any Ruth <td< td=""><td></td><td></td><td>×</td><td>11:40</td><td>6/22/17</td><td>×</td><td></td><td>×</td><td></td><td></td><td></td><td>g</td><td>SW 3 @ 1'</td><td></td></td<> | | | × | 11:40 | 6/22/17 | × | | × | | | | g | SW 3 @ 1' | |
| Basin Environmental Service Technologies, LLC PILE TO AnAL YSIS r: Robbie Runnels | | | × | 11:35 | 6/22/17 | × | | × | | | - | 9 | SW 2 @ 1' | |
| Basin Environmental Service Technologies, LLC FILE TO SULL TO FO.#: AnALYSIS r: Robbie Runnels State: NM Zip: 88260 Attn: Any Ruth 0: Box 301 State: NM Zip: 88260 Attn: Any Ruth 0: Box 301 State: NM Zip: 88260 Attn: Any Ruth 0: Box 301 Fax #: (575)396-1429 Address: Any Ruth Any Ruth 0: Box 301 Fax #: (575)396-1429 Address: Any Ruth Address: Any Ruth 0: UPU D1 1 - #135H Fax #: (575)396-1429 State: NM Zip: 88260 B8260 0: UPU D1 1 - #135H Fax #: (570)MOMATEER Fax #: Fax #: Fax #: Fax #: Fax #: Fax #: B8260 Fax #: Fax # | | | × | 11:30 | 6/22/17 | × | | × | | | - | g | SW 1 @ 1' | |
| ILC ILL TO ANALYSIS ILL TO ANALYSIS ILL TO Company: XTO Energy Clip: 88260 Attn: Amy Ruth INU DI 1 - #135H Fax #: (575)396-1429 Address: XTO Energy City: Integration of the second of the | | | × | 11:10 | 6/22/17 | × | | × | | | - | g | NW 6 @ 1' | |
| Basin Environmental Service Technologies, LLC P.O. #: P.O. #: P.O. #: P.O. #: Company: XTO Energy XTO Energy XTO Energy XTO Energy XTO Energy City:: Address: Address: Address: Address: Address: Address: Address: Address: Eddy Project Owner: XTO Energy City:: Fax #: | | | × | 11:05 | 6/22/17 | × | | × | | | - | ß | NW 5 @ 1' | |
| Image: Project Owner: XTO Energy Company: XTO Energy Company: XTO Energy JRU DI 1 - #135H Fax #: (575)396-1429 Address: Addres: Address: Addres: | | | | TIME | DATE | ICE / COOL | | | | GROUNDW | # CONTAIN | | Sample I.D. | Lab I.D. 4710/1651 |
| Image: Massine Environmental Service Technologies, LLC Image: Massine Environmental Service Environmental Environmental Service Environmental Environmental Service Environmental Environmental Service Environmental Envitental Environmental Environmental Environmental Envir | | | | | | - | | | | /ATER | IERS | | | |
| Image: Market Service Technologies, LLC Image: Market Service Service Service Service Technologies, LLC Imar | | | | ดิ | SAMPLI | PRESERV. | | ATRIX | R | | | | | _ |
| Basin Environmental Service Technologies, LLC PLC PLC ANALYSIS Robbie Runnels P.O. #: P.O. #: ANALYSIS Box 301 State: NM Zip: 88260 Attn: Amy Ruth J396-2378 Fax #: (575)396-1429 Address: Address: Address: Address: JRU DI 1 - #135H Project Owner: XTO Energy City: State: NM Zip: 88260 Ledy Phone #: Phone #: Phone #: Phone #: Phone #: Phone #: | | | Chi | | | x #: | Fa | | | | | | Jody Walters | |
| e: Basin Environmental Service Technologies, LLC BILL TO ANALYSIS er: Robbie Runnels P.O. #: P.O. | | - | lori | | | one#: | Ph | | | | | | | roject Location: |
| Name: Basin Environmental Service Technologies, LLC BILL TO ANALYSIS anager: Robbie Runnels P.O. #: P.O. #: ANALYSIS P.O. Box 301 State: NM Zip: 88260 Attn: Amy Ruth (575)396-2378 Fax #: (575)396-1429 Address: Image: Address: | | | de | 38260 | | MN | St | | | | | | JRU DI 1 - #135H | |
| y Name: Basin Environmental Service Technologies, LLC BILL TO ANALYSIS fanager: Robbie Runnels P.O. #: P.O. #: Image: NM Zip: 88260 P.O. #: Image: NM Company: NTO Energy | | | | | | Y: | C | Z | nerg | О Ш | Ľ | roject Owner: | P | roject #: |
| pany Name: Basin Environmental Service Technologies, LLC BILL TO ANALYSIS ct Manager: Robbie Runnels P.O. #: P.O. #: ANALYSIS ess: P.O. Box 301 Company: XTO Energy VIO Energy Lovington State: NM Zip: 88260 Attn: Amy Ruth Image: No. #: Image: No. #: | | | | | | ldress: | Ad | | | | 29 | | | |
| Name: Basin Environmental Service Technologies, LLC BILL TO ANALYSIS Ianager: Robbie Runnels P.O. #: Image: Company: XTO Energy P.O. Box 301 Company: XTO Energy Image: Company: XTO Energy | | | | - | Amy Ruth | 5 | At | | 0 | 826 | | | | |
| Basin Environmental Service Technologies, LLC BILL TO ANALYSIS Robbie Runnels P.O. #: Image: Comparison of the service | | | | nergy | XTO E | mpany: | ç | | | | | | Box 301 | |
| Basin Environmental Service Technologies, LLC BILL TO BILL TO ANALYSIS | | | | | | 0. # | P. | | | | | | Robbie Runnels | roject Manager: |
| | 1 | | | | LL TO | Bl | | | | ဂ | F | rvice Technologies | Basin Environmental Se | ompany Name: |

Revision 1.0

Page 8 of 8

Page 18 of 27



June 29, 2017

ROBBIE RUNNELS Basin Environmental Service P.O. Box 301 Lovington, NM 88260

RE: JRU DI 1 -#135H

Enclosed are the results of analyses for samples received by the laboratory on 06/28/17 9:50.

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/ga/lab_accred_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.

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. Keine

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 |
| | |
| 06/28/2017 | Sampling Date: |
| 00/2017 | Compliant Transi |

| Received: | 06/28/2017 | Sampling Date: | 06/27/2017 |
|-------------------|-----------------|---------------------|---------------|
| Reported: | 06/29/2017 | Sampling Type: | Soil |
| Project Name: | JRU DI 1 -#135H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | EDDY | | |

Sample ID: FLOOR 7 @ 1.5' (H701689-01)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 06/28/2017 | ND | 448 | 112 | 400 | 0.00 | |

Sample ID: SW 7 @ 1' (H701689-02)

| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 06/28/2017 | ND | 448 | 112 | 400 | 0.00 | |

Sample ID: NW 7 @ 1' (H701689-03)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 06/28/2017 | ND | 448 | 112 | 400 | 0.00 | |

Sample ID: EW @ 1' (H701689-04)

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/28/2017 | ND | 448 | 112 | 400 | 0.00 | |

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine

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: | 06/28/2017 | Sampling Date: | 06/27/2017 |
|-------------------|-----------------|---------------------|---------------|
| Reported: | 06/29/2017 | Sampling Type: | Soil |
| Project Name: | JRU DI 1 -#135H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | EDDY | | |

Sample ID: WW @ 1' (H701689-05)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 06/28/2017 | ND | 448 | 112 | 400 | 0.00 | |

Sample ID: FLOOR 4 @ 2.5' (H701689-06)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 06/28/2017 | ND | 448 | 112 | 400 | 0.00 | |

Sample ID: SW 6A @ 1' (H701689-07)

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 06/28/2017 | ND | 448 | 112 | 400 | 0.00 | |

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Celeg D. Keine

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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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

| | (575) 393-2326 FAX (575) 393-2476 | 575) 393-24 | 6 | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|-------------------|--------------|---------------|------------|---------|--------------------|--------------------|------------------|------------|------------------|--|--|----------|--------------|------|-----|-----------------------------|--------------------------------|---|---------|----|------------------------------|-----------|--|
| Company Name: | : Basin Environmental Service Technologies, LLC | ervice Techno | logie | es, l | TC | | | | 100 | | | BI | BILL TO | | | | | | ANAL | ANALYSIS | | REQUEST | ST | | | |
| Project Manager: | r: Robbie Runnels | | | | | | | | P | P.O. #: | # | | | | | | | | | | | | | | | |
| Address: P.O. | P.O. Box 301 | | | | | | | | 0 | ĥ | Company: | × | XTO Energy | nergy | | | | | | | | | | | | |
| City: Lovington | | State: NM 2 | Zip: | | 88260 | 0 | | | Þ | Attn: | | | Amy Ruth | - | | | | | | | | | | | | |
| Phone #: (575 | (575)396-2378 Fa | Fax #: (575)396-1429 | -14: | 29 | | | | | Þ | ddr | Address: | | 522 W. Mermod | rmod | | | | | | | | | | | | |
| Project #: | P | Project Owner: | | XTO Energy | Ē | ner | уg | | 0 | City: | | | Carlsbad | | | |) | | | | | | | | | |
| Project Name: | JRU DI 1 - #135H | | | | | | | | s | State: | | MN | Zip: 8 | 88220 | le | 5 M) | 21B | | | | | | | | | |
| Project Location: | i: Eddy , N.M. | | | | | | | | σ | hon | Phone #: | | (423)556-8730 | 8730 | oric | 801 | (80) | JSH | | | | | | | | |
| Sampler Name: Jody Walters | Jody Walters | | | | | | | | т | Fax # | | | | | Chl | PH (| ΈX | RI | | | | > | | | | |
| FOR LAB USE ONLY | | | | _ | | з | MATRIX | X | | 몃 | RES | PRESERV | . SAMPLING | G | | TF | вт | | | | | | | | | |
| Lab I.D. HาDլնեզ | Sample I.D. | | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | | | | | | | | | | | | |
| - | Floor 7 @ 1.5' | | G | - | | | × | | | | × | | 6/27/2017 | 1:00 | × | | | × | | | | | | | \square | |
| | SW 7 @ 1' | | G | - | | | × | - | | - | × | | 6/27/2017 | 1:05 | × | | | × | | | | | | | | |
| | NW 7 @ 1' | | G | - | | | × | | | | × | | 6/27/2017 | 1:10 | × | | | × | | | | | | | | |
| 4 | EW @ 1' | | G | - | | | × | | | - | × | | 6/27/2017 | 1:15 | × | | | × | | | | | | | | |
| | WW @ 1' | | G | - | | | × | - | - | | × | | 6/27/2017 | 1:20 | × | | | × | | | | | | | | |
| | FLoor 4 @ 2.5' | | G | - | | | × | | | - | × | | 6/27/2017 | 1:25 | × | | | × | | | | | | | | |
| | SW 6A @ 2 1 | | G | - | | | × | | | | × | | 6/27/2017 | 1:30 | × | | | × | | | | | | | _ | |
| | | | _ | _ | | | | | | | | | | | | | | | | | | | | | | |
| LEASE NOTE: Liability and nalyses. All claims includin arvice. In-me event shall Ca | LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the nanyses. All claims including those for negligence and any other cause whatsoever shall be demonded waived unknown withing and received by Cardinal within 30 days after completion of the applicable narives. All claims including those for negligence and any other cause whatsoever shall be demonded waived unknown to business interaction of the contract or forth incruding those for negligence and any other cause whatsoever shall be demonded waived unknown to use not near of rords incruded by cardinal within 30 days after completion of the applicable narives. All claims including the shall be demonded by the shall be | clusive remedy for any whatsoever shall be de I damages including w | claim a emed v | arising | whet unles | her bat | intern | contra riting a | ct or to nd rec | rt, sha eived | or los | mited dinal v | to the amount paid b within 30 days after c | y the client for the ompletion of the ap nt its subsidiaries | plicable | | | | | | | | | | | |
| filiates or successors arisin | ccessors arising out of or related to the performance of ser | of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise | dinal, r | egard | less o | whet | ler suo | th clair | n is ba | sed u | pon ar | ly of th | e above stated reaso | ons or otherwise. | F | | | | | | | | | | | |
| Relinquished By | P | Date -28-17 | Received By: | eive | d | ¥: | | | | | | | , | Phone Result: Fax Result: | lft | □ Yes | | No | Add'l Phone Add'l Fax #: | Add'l Phone #: Add'l Fax #: | | | , | | | |
| Voduo | | 22 | 2 | - | 2 | | | • | | | | | | #7 S | Ê | mple | H | 000 | à | à | 6 | 14 | P | sample ID changed by Robbie. | | |
| Refinduished By: | | Date: / / | Received By: | eive | ed t | Y: | | - | 2 | | | | | | | | | | | • | A | - | - | | | |

Relinquished By:

Mr L

Time: 090

6/28/1 0

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

5

N 5 d

Cool Intact Yes Yes Sample Condition

CHECKED BY:

Please email results to pm@basinenv.com & amy_ruth@xtoenergy.com

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

Revision 1.0 FORM-006

APPENDIX – C Photo Documentation

JRU DI 1 #135 2RP-4250



Source of release

5/25/2017



Release, facing west

5/25/2017

Unit G, Section 21, T22S, R30E



Release, facing east

5/25/2017



Release, facing west

5/25/2017

JRU DI 1 #135 2RP-4250



Excavation, facing northwest

6/27/2017



Excavation, facing west

6/27/2017

Unit G, Section 21, T22S, R30E



Excavation, facing west

6/27/2017



Excavation, facing west

6/27/2017

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

| Operator: | OGRID: |
|----------------------------|--|
| XTO PERMIAN OPERATING LLC. | 373075 |
| 6401 HOLIDAY HILL ROAD | Action Number: |
| MIDLAND, TX 79707 | 197904 |
| | Action Type: |
| | [IM-SD] Incident File Support Doc (ENV) (IM-BNF) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|---|-------------------|
| bhall | Closure approved. Although it is noted that no TPH/BTEX samples were collected but this release is being closed out under the old rules since the report and final c-141 are dated in 2017. | 3/16/2023 |

Page 27 of 27

Action 197904