1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

Paged lof 29

Incident ID	NRM2004956954
District RP	
Facility ID	
Application ID	

# **Release Notification**

## **Responsible Party**

Responsible Party XTO Energy	OGRID 5380
Contact Name Kyle Littrell	Contact Telephone 432-221-7331
Contact email Kyle_Littrell@xtoenergy.com	Incident # (assigned by OCD)
Contact mailing address 522 W. Mermod, Carlsbad, NM 88220	

## **Location of Release Source**

Latitude 32.154055

Longitude -103.858082 (NAD 83 in decimal degrees to 5 decimal places)

Site Name Rustler Bluff SWD	Site Type SWD Facility
Date Release Discovered 02/03/2020	API# (if applicable)

Unit Letter	Section	Township	Range	County
М	02	258	30E	Eddy

Surface Owner: State Federal Tribal Private (Name:

## **Nature and Volume of Release**

Materia	(s) Released (Select all that apply and attach calculations or specific	justification for the volumes provided below)
Crude Oil	Volume Released (bbls) 231.98	Volume Recovered (bbls) 231.66
Produced Water	Volume Released (bbls) 470.97	Volume Recovered (bbls) 470.34
	Is the concentration of dissolved chloride in the	Yes No
	produced water >10,000 mg/l?	
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release: Two we	ells were opened to increase production. Simultaneously, main	n heater treater lost pressure causing fluid to dump into water

Cause of Release: Two wells were opened to increase production. Simultaneously, main heater treater lost pressure causing fluid to dump into water tanks resulting in sending all fluid to the Rustler Bluff SWD. This caused overflowing in the SWD site tanks. Total fluid recovered was 702 barrels. A third contractor has been retained to complete remediation activities.

#### Received by OCD: 1/27/2021 1:51:06 Pinte of New Mexico Page 2 Oil Conservation Division

Incident ID	NRM2004956954ge 2 of 2
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMAC?	An unauthorized release of fluids over 25 barrels
Yes 🗌 No	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes by Amy Ruth to 'G	riswold, Jim, EMNRD'; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; 'Hamlet, Robert,</mike.bratcher@state.nm.us>
EMNRD' <robert.han< td=""><td>nlet@state.nm.us&gt;; Venegas, Victoria, EMNRD Victoria.Venegas@state.nm.us rmann@slo.state.nm.us'</td></robert.han<>	nlet@state.nm.us>; Venegas, Victoria, EMNRD Victoria.Venegas@state.nm.us rmann@slo.state.nm.us'
on Tuesday, February	4, 2020 at 10:02 AM via email.
, , , , , , , , , , , , , , , , , , , ,	

## **Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

 $\boxtimes$  The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

N/A

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Kyle_Littrell	Title:SH&ESupervisor
Signature:	Date:2/18/2020
email:Kyle_Littrell@xtoenergy.com	Telephone:
OCD Only	
Received by: <u>Ramona Marcus</u>	Date:

Location:

**Rustler Bluff SWD** 

.

Spill Date:	2/3/2020		
Area 1			
Approximate A	rea = 63.94	sg. ft.	
Average Satura	tion (or depth) of spill = 2.00	inches	
Average Deres	ny Foston - La cal		
Average Porosi	ty Factor = 0.20		
	VOLUME OF LEAK		
Total Crude Oil	= 0.13	bbls	
Total Produced	Water = 0.25	bbls	
	Area 2		
Approximate A	rea = 1589.00	sg. ft.	
Average Satura	tion (or depth) of spill = 0.50	inches	
Average Porosi	ty Factor = 0.03		
Total Crude Oil		hhls	
Total Produced	Water = 0.24	bbls	
	Area 3		
Approximate A	rea = 1895.00	sg. ft.	
Average Satura	tion (or depth) of spill = 0.25	inches	
	- Factor		
Average Porosi	y Factor = 0.03		
	VOLUME OF LEAK		
Total Crude Oil	= 0.07	bbls	
Total Produced	Wáter = 0.14	bbls	
	Area 4		
Approximate A	rea = 3941.44	cubic ft.	
Total Cruda Oil	VOLUME OF LEAK		
Total Crude OII	= 231.66	bbls	
Total Flouteu	Water – 470.34		
	ΤΟΤΔΙ ΥΟΙ ΙΜΕ ΟΕ Ι ΕΛΚ		
Total Crude Oil	= 221 09	hhle	
Total Produced	Water = 470 97	bbls	
Total Crude Oil	= 231 66	hhls	
Total Produced	Water = 470 34	bbls	
Total Crude Oil Total Produced	TOTAL VOLUME RECOVERED         =       231.66         Water =       470.34	b	

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Page 4 of 29

Incident ID	NRM2004956954
District RP	
Facility ID	
Application ID	

# Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>(&gt;100) (ft</u> bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	🗌 Yes 🛛 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

#### Characterization Report Checklist: Each of the following items must be included in the report.

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

Field data

Data table of soil contaminant concentration data

 $\square$  Depth to water determination

Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-mile of the lateral extents of the release

 $\boxtimes$  Boring or excavation logs

Photographs including date and GIS information

Topographic/Aerial maps

Laboratory data including chain of custody

Received by OCD: 1/27/2	021 1:51:06 PM	Annian		Page 5 of 2
Form C-141			Incident ID	NRM2004956954
Page 2 Oil Conse	Oil Conservation	Division	District RP	
			Facility ID	
			Application ID	
I hereby certify that the in regulations all operators a public health or the enviro failed to adequately invest addition, OCD acceptance and/or regulations.	formation given above is true and comp ever, use of the table is modified to formation given above is true and con- re required to report and/or file certai nment. The acceptance of a C-141 re- igate and remediate contamination th of a C-141 report does not relieve th	nal to be remediated, t leting the remediation. by site- and release-spe mplete to the best of my k n release notifications and eport by the OCD does no at pose a threat to ground e operator of responsibilit	The closure criteria for a relea cific parameters. nowledge and understand that pur- l perform corrective actions for rel t relieve the operator of liability sl water, surface water, human health y for compliance with any other for	suant to OCD rules and leases which may endanger hould their operations have h or the environment. In ederal, state, or local laws
Printed Name:	Kyle Littrell	Title:	SH&E Supervisor	
Signature:	1 Ja Standt		Date:1/25/2021	_
email: Kyle_Li	ttrell@xtoenergy.com	Tel	ephone:(432)-221-7331_	
OCD Only Received by: Cristin	a Eads	Da	nte: 01/27/2021	

Page 6

Oil Conservation Division

	Page 6 of 29
Incident ID	NRM2004956954
District RP	
Facility ID	
Application ID	

# Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

<b><u>Closure Report Attachment Checklist</u>:</b> Each of the following	; items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29	0.11 NMAC
Photographs of the remediated site prior to backfill or photo must be notified 2 days prior to liner inspection)	os of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OI	DC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
I hereby certify that the information given above is true and comp and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and r human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regu- restore, reclaim, and re-vegetate the impacted surface area to the of accordance with 19.15.29.13 NMAC including notification to the Printed Name: <u>Kyle Littrell</u> Signature: <u>Kyle Littrell</u> email: <u>Kyle Littrell@xtoenergy.com</u>	lete to the best of my knowledge and understand that pursuant to OCD rules ain release notifications and perform corrective actions for releases which of a C-141 report by the OCD does not relieve the operator of liability emediate contamination that pose a threat to groundwater, surface water, if a C-141 report does not relieve the operator of responsibility for alations. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. 
OCD Only	
Received by: Cristina Eads	Date:01/27/2021
Closure approval by the OCD does not relieve the responsible part remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and	ty of liability should their operations have failed to adequately investigate and e water, human health, or the environment nor does not relieve the responsible d/or regulations.
Closure Approved by: Auture	Date: 04/15/2021
Printed Name: Cristina Eads	Title: Environmental Specialist

.

WSP USA

3300 North "A" Street Building 1, Unit 222 Midland, Texas 79705 432.704.5178

January 22, 2021

New Mexico Oil Conservation Division District 2 811 South First Street Artesia, New Mexico 88210

#### RE: Closure Request Addendum Rustler Bluff SWD Incident Number NRM2004956954 Eddy County, New Mexico

To Whom It May Concern:

WSP USA Inc. (WSP) (formerly LT Environmental, Inc.), on behalf of XTO Energy, Inc. (XTO), presents the following addendum to the Closure Request submitted September 2, 2020. This Addendum provides an update to the excavation and soil sampling activities at the Rustler Bluff Salt Water Disposal (SWD) (Site) located in Unit M, Section 2, Township 25 South, Range 30 East, in Eddy County, New Mexico (Figure 1), in response to the denial of the Closure Request by the New Mexico Oil Conservation Division (NMOCD). In the denial, NMOCD requested that XTO conduct additional investigation of depth to groundwater or complete additional remediation activities in the area of floor sample FS14. Based on the additional excavation and soil sampling activities described below, XTO is requesting no further action (NFA) for Incident Number NRM2004956954.

#### BACKGROUND

On September 2, 2020, WSP submitted a Closure Request to the NMOCD for the February 3, 2020 release of crude oil and produced water onto the well pad and adjacent pipeline right-of-way. Approximately 231.98 barrels (bbls) of crude oil and 470.97 bbls of produced water were released. A vacuum truck was dispatched to the Site to recover the freestanding fluid; approximately 231.66 bbls of crude oil and 470.34 bbls of produced water were recovered. XTO reported the release to NMOCD on a Release Notification and Corrective Action Form C-141 (Form C-141) on February 18, 2020 and was subsequently issued Incident Number NRM2004956954.

The Closure Request detailed site characterization according to Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Based on the site characterization, the following Closure Criteria were applied:

• Benzene: 10 milligrams per kilogram (mg/kg)

wsp

District II Page 2

- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 2,500 mg/kg
- TPH-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- Chloride: 20,000 mg/kg

Closure was requested based on laboratory analytical results for the excavation and delineation soil samples indicating benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria.

On November 9, 2020, NMOCD denied Closure Request for Incident Number NRM2004956954 for the following reason:

• The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. The responsible party may choose to remediate the FS14 sample area to the most stringent levels listed in Table 1 in lieu of drilling to determine the depth to groundwater.

#### ADDITIONAL EXCAVATION ACTIVITIES

To address the denial, WSP oversaw additional excavation activities on December 22, 2020 to remove additional soil from the floor of the excavation in the area around floor sample FS14. To direct excavation activities, WSP screened soil for volatile aromatic hydrocarbons and chloride utilizing a photo-ionization detector (PID) and Hach<sup>®</sup> chloride QuanTab<sup>®</sup> test strips, respectively. The excavation was completed to a depth of 7 feet bgs. Upon completion of excavation activities, 5-point composite sample FS14A was collected from the floor of the excavation from a depth of 7 feet bgs.

The excavation soil sample was placed directly into pre-cleaned glass jars, labeled with location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were shipped at or below 4 degrees Celsius (°C) under strict chain-of-custody (COC) procedures to Xenco Laboratories (Xenco) in Carlsbad, New Mexico, for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) following United States Environmental Protection Agency (EPA) Method 8021B; total petroleum hydrocarbons (TPH)-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

The excavation extents and excavation soil sample locations are depicted on Figure 1. Photographic documentation was conducted during excavation activities and photos are included in Attachment 1.

wsp

District II Page 3

#### SOIL ANALYTICAL RESULTS

Laboratory analytical result for floor sample FS14A indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria applied to the Site and compliant with the most stringent Table 1 Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical report is included as Attachment 2.

#### **CLOSURE REQUEST**

Site assessment and excavation activities were conducted at the Site to address the February 3, 2020, release of produced water and crude oil. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria applied to the Site and compliant with the most stringent Table 1 Closure Criteria. Based on the final excavation soil sample analytical results, XTO respectfully requests no further action for Incident Number NRM2004956954.

If you have any questions or comments, please do not hesitate to contact Ms. Ashley Ager at (970) 385-1096 or Ashley.Ager@wsp.com.

Sincerely,

WSP USA, INC.

for Le

Spencer Lo Assistant Geologist

Ushley L. ager

Ashley L. Ager, M.S., P.G. Managing Director, Geologist

cc: Kyle Littrell, XTO Ryan Mann, New Mexico State Land Office

Attachments:

Figure 1Excavation Soil Sample LocationsTable 1Laboratory Analytical ResultsAttachment 1Photographic LogAttachment 2Laboratory Analytical Report

# FIGUR



Released to Imaging: 4/15/2021 2:26:16 PM

**Released to Imaging: 4/15/2021 2:26:16 PM** 

#### Table 1

#### Soil Analytical Results RUSTLER BLUFF SWD INCIDENT NUMBER NRM2004956954 Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Clo	osure Criteria (NM	AC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
Excavation Floor Sa	mples									
FS01	03/05/2020	5	< 0.00199	< 0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	138
FS02	03/05/2020	5	< 0.00200	< 0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	272
FS03	03/05/2020	5	< 0.00197	< 0.00197	<49.9	<49.9	<49.9	<49.9	<49.9	117
FS04	03/05/2020	5	< 0.00201	< 0.00201	<50.2	<50.2	<50.2	<50.2	<50.2	258
FS05	03/05/2020	5	< 0.00199	< 0.00199	<49.8	<49.8	<49.8	<49.8	<49.8	230
FS06	03/05/2020	5	< 0.00200	< 0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	15.0
FS07	03/05/2020	5	< 0.00197	< 0.00197	<49.8	<49.8	<49.8	<49.8	<49.8	269
FS08	03/05/2020	5	< 0.00198	< 0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	290
FS09	03/05/2020	5	< 0.00200	< 0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	294
FS10	03/05/2020	5	< 0.00200	< 0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	195
FS11	03/05/2020	5	< 0.00199	< 0.00199	<50.3	<50.3	<50.3	<50.3	<50.3	265
FS12	03/05/2020	5	< 0.00200	< 0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	255
FS13	03/06/2020	5	< 0.00201	< 0.00201	<50.3	<50.3	<50.3	<50.3	<50.3	270
FS14	04/22/2020	4	< 0.00198	< 0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	1,690
FS14A	12/22/2020	7	< 0.00198	< 0.00198	<50.2	<50.2	<50.2	<50.2	<50.2	599

#### Table 1

#### Soil Analytical Results RUSTLER BLUFF SWD INCIDENT NUMBER NRM2004956954 Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Excavation Sidewall	Samples									
SW01	03/06/2020	0 - 5	< 0.00200	< 0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	192
SW02	03/06/2020	0 - 5	< 0.00201	< 0.00201	<50.2	<50.2	<50.2	<50.2	<50.2	<10.1
SW03	03/06/2020	0 - 5	< 0.00199	< 0.00199	<50.1	<50.1	<50.1	<50.1	<50.1	56.2
SW04	03/06/2020	0 - 5	< 0.00202	< 0.00202	<50.2	<50.2	<50.2	<50.2	<50.2	117
SW05	03/06/2020	0 - 5	< 0.00202	< 0.00202	<50.3	<50.3	<50.3	<50.3	<50.3	74.4
SW06	03/06/2020	0 - 5	< 0.00201	< 0.00201	<50.1	<50.1	<50.1	<50.1	<50.1	108
SW07	04/22/2020	0 - 4	< 0.00202	< 0.00202	<50.1	<50.1	<50.1	<50.1	<50.1	204
SW08	04/22/2020	0 - 4	< 0.00200	< 0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	237
SW09	04/22/2020	0 - 4	< 0.00201	< 0.00201	<50.1	<50.1	<50.1	<50.1	<50.1	18.4

ft - feet/foot

mg/kg - milligrams per kilograms

BTEX - benzene, toluene, ethylbenzene, and total xylenes

TPH - total petroleum hydrocarbons

DRO - diesel range organics

GRO - gasoline range organics

ORO - motor oil range organics

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code

< - indicates result is less than the stated laboratory method practical quantitation limit

NE - Not Established

**BOLD** - indicates results exceed the higher of the background sample result or applicable regulatory standard Greyed data represents samples that were excavated

Released to Imaging: 4/15/2021 2:26:16 PM

# wsp

PHOTOGRAPHIC LOG						
XTO Energy, Inc.	Rustler Bluff SWD	TE012920029				
	Eddy County, NM					

Photo No.	Date		Sector M	CAL
1	December 22, 2020	C. Minister		
Eastern vie	w of excavation.			

Photo No.	Date	
2	December 22, 2020	
Western vie	w of excavation.	
		Zana Carlo Carlo Carlos

•

Released to Imaging: 4/15/2021 2:26:16 PM

eurofins Environment Testing Xenco

# Analytical Report 682652

for

## LT Environmental, Inc.

**Project Manager: Dan Moir** 

#### **Rustler Bluff SWD**

#### TE012920029

#### 01.06.2021

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483)

01.06.2021

Project Manager: **Dan Moir LT Environmental, Inc.** 4600 W. 60th Avenue Arvada, CO 80003

Reference: Eurofins Xenco, LLC Report No(s): 682652 Rustler Bluff SWD Project Address:

#### Dan Moir:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 682652. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 682652 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Environment Testing Xenco

# Sample Cross Reference 682652

## LT Environmental, Inc., Arvada, CO

Rustler Bluff SWD

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
FS14A	S	12.22.2020 14:25	7 ft	682652-001

.

Environment Testing Xenco

## **CASE NARRATIVE**

Client Name: LT Environmental, Inc. Project Name: Rustler Bluff SWD

Project ID: TE012920029 Work Order Number(s): 682652 
 Report Date:
 01.06.2021

 Date Received:
 12.28.2020

#### Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

# **Certificate of Analytical Results 682652**

# LT Environmental, Inc., Arvada, CO

Rustler Bluff SWD

Sample Id:	FS14A		Matrix:	Soil			Date Received:1	2.28.2020 10	):05
Lab Sample Io	d: 682652-001		Date Col	lected: 12.22	.2020 14:25		Sample Depth: 7	' ft	
Analytical Me	thod: Chloride by EF	PA 300					Prep Method: E	E300P	
Tech:	MAB								
Analyst:	MAB		Date Pre	p: 12.28	.2020 15:00		% Moisture:		
Seq Number:	3146199			L			Basis: V	Vet Weight	
Parameter		Cas Number	Result	RL		Units	Analysis Date	e Flag	Dil
Chloride		16887-00-6	599	10.0		mg/kg	01.06.2021 08:5	0	1
Analytical Me Tech: Analyst: Seq Number:	ethod: TPH by SW80 CAC CAC 3146197	15 Mod	Date Pre	p: 12.28	.2020 16:58		Prep Method: S % Moisture: Basis: V	SW8015P Vet Weight	
Parameter		Cas Number	Result	RL		Units	Analysis Date	e Flag	Dil
Gasoline Range	Hydrocarbons (GRO)	PHC610	<50.2	50.2		mg/kg	12.29.2020 01:2	21 U	1
Diesel Range Or	ganics (DRO)	C10C28DRO	<50.2	50.2		mg/kg	12.29.2020 01:2	21 U	1
Motor Oil Range H	lydrocarbons (MRO)	PHCG2835	<50.2	50.2		mg/kg	12.29.2020 01:2	21 U	1
Total GRO-DRC	)	PHC628	<50.2	50.2		mg/kg	12.29.2020 01:2	21 U	1
Total TPH		PHC635	<50.2	50.2		mg/kg	12.29.2020 01:2	21 U	1
Surrogate		Ca	as Number %	% Recovery	Units	Limits	s Analysis Da	ate Flag	
1-Chlorooc	ctane	11	1-85-3	108	%	70-135	12.29.2020 01	:21	
o-Terpheny	yl	84	-15-1	106	%	70-135	12.29.2020 01	:21	

.

Xenco

# **Certificate of Analytical Results 682652**

## LT Environmental, Inc., Arvada, CO Rustler Bluff SWD

Sample Id:	FS14A	Matrix:	Soil	Date Received	1:12.28.2020 10:05
Lab Sample I	d: 682652-001	Date Collected	: 12.22.2020 14:25	Sample Depth	: 7 ft
Analytical Me Tech: Analyst: Seq Number:	ethod: BTEX by EPA 8021B MAB MAB 3146209	Date Prep:	12.28.2020 13:49	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	3 0.00198		mg/kg	12.29.2020 02:04	U	1
Toluene	108-88-3	< 0.00198	8 0.00198		mg/kg	12.29.2020 02:04	U	1
Ethylbenzene	100-41-4	< 0.00198	8 0.00198		mg/kg	12.29.2020 02:04	U	1
m,p-Xylenes	179601-23-1	< 0.00396	5 0.00396		mg/kg	12.29.2020 02:04	U	1
o-Xylene	95-47-6	< 0.00198	8 0.00198		mg/kg	12.29.2020 02:04	U	1
Total Xylenes	1330-20-7	< 0.00198	8 0.00198		mg/kg	12.29.2020 02:04	U	1
Total BTEX		< 0.00198	3 0.00198		mg/kg	12.29.2020 02:04	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	112	%	70-130	12.29.2020 02:04		
1,4-Difluorobenzene		540-36-3	98	%	70-130	12.29.2020 02:04		

.

Xenco

**Environment Testing** 

🔅 eurofins

# Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- **F** RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

\*\* Surrogate recovered outside laboratory control limit.

BRL	Below Reporting Limit.	ND Not Detected.			
RL	Reporting Limit				
MDL	Method Detection Limit	SDL Sample Det	ection Limit	LOD Limit of Detection	
PQL	Practical Quantitation Limit	MQL Method Qua	antitation Limit	LOQ Limit of Quantitation	1
DL	Method Detection Limit				
NC	Non-Calculable				
SMP	Client Sample		BLK	Method Blank	
BKS/	LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labor	atory Control Sample Duplicate
MD/S	<b>D</b> Method Duplicate/Samp	le Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NE	LAC certification not offered	for this compound.			

\* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Xenco

**Environment Testing** 

🔅 eurofins

**QC Summary** 682652

#### LT Environmental, Inc. Rustler Bluff SWD

Analytical Method:	Chloride by	7 EPA 30	0						Pı	ep Meth	od: E30	OP	
Seq Number:	3146199				Matrix:	Solid				Date Pr	ep: 12.2	28.2020	
MB Sample Id:	7717983-1-1	BLK		LCS Sar	nple Id:	7717983-1	I-BKS		LCS	D Sample	e Id: 771	7983-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		<10.0	250	258	103	258	103	90-110	0	20	mg/kg	12.28.2020 15:29	
Analytical Method:	Chloride by	y EPA 30	0						Pı	ep Meth	od: E30	00P	
Seq Number:	3146199				Matrix:	Soil	1.0			Date Pr	ep: 12.2	28.2020	
Parent Sample Id:	682649-001			MS Sar	nple Id:	682649-00	01 S		MS	D Sample	e Id: 682	649-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		<10.1	202	203	100	203	100	90-110	0	20	mg/kg	12.28.2020 15:48	
Analytical Method:	Chloride by	y EPA 30	0						Pı	ep Meth	od: E30	00P	
Seq Number:	3146199				Matrix:	Soil				Date Pr	ep: 12.2	28.2020	
Parent Sample Id:	682651-003			MS Sar	nple Id:	682651-00	)3 S		MS	D Sample	e Id: 682	651-003 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		1470	200	1680	105	1670	100	90-110	1	20	mg/kg	12.28.2020 17:11	
Analytical Method:	TPH by SW	78015 M	bd		N	G 1' 1			Pı	ep Meth	od: SW	8015P	
Seq Number:	3140197 7719029 1 1			I CS Sar	matrix:	50110 7718038 1	BKS		LCS	Date Pr	ep: 12.2	28.2020 2038 1 BSD	
MB Sample Id:	//18038-1-1	BLK			lipie iu.	//10030-1	I-DKS		LUS		= Iu. //I	0030-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ons (GRO)	<50.0	1000	1050	105	1120	112	70-135	6	35	mg/kg	12.28.2020 22:58	
Diesel Range Organics (	DRO)	<50.0	1000	1090	109	1120	112	70-135	3	35	mg/kg	12.28.2020 22:58	
Surrogate		MB %Rec	MB Flag	L %	CS Rec	LCS Flag	LCSI %Re	) LCS c Flag	D Li g	mits	Units	Analysis Date	
1-Chlorooctane		94		ç	94		96		70	-135	%	12.28.2020 22:58	
o-Terphenyl		97		1	00		119		70	-135	%	12.28.2020 22:58	
Analytical Method: Seq Number:	<b>TPH by SW</b> 3146197	78015 M	od	MB San	Matrix: nple Id:	Solid 7718038-1	-BLK		Pr	ep Meth Date Pr	od: SW ep: 12.2	8015P 28.2020	
Parameter				MB							Units	Analysis	Flag
	0.000			Result								Date	
Motor Oil Range Hydrocart	oons (MRO)			<50.0							mg/kg	12.28.2020 22:38	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 9 of 12

Xenco

**Environment Testing** 

🔅 eurofins

QC Summary 682652

# LT Environmental, Inc.

Rustler Bluff SWD

Analytical Method:	TPH by SV	V8015 M	od						Pı	rep Meth	od: SW	8015P				
Seq Number:	3146197			]	Matrix:	Soil		Date Prep: 12.28.2020								
Parent Sample Id:	682735-001			MS San	nple Id:	682735-00	01 S		MS	D Sample	e Id: 682	735-001 SD				
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag			
Gasoline Range Hydrocarb	ons (GRO)	< 50.1	1000	1110	111	1180	118	70-135	6	35	mg/kg	12.28.2020 23:59				
Diesel Range Organics	(DRO)	<50.1	1000	1130	113	1130	113	70-135	0	35	mg/kg	12.28.2020 23:59				
Surrogate				N %1	IS Rec	MS Flag	MSD %Rec	MSD Flag	) Li ç	imits	Units	Analysis Date				
1-Chlorooctane				1	)9		105		70	-135	%	12.28.2020 23:59				
o-Terphenyl				10	)6		108		70	-135	%	12.28.2020 23:59				

Analytical Method:	BTEX by EPA 8021	В						P	rep Meth	od: SW	5035A					
Seq Number:	3146209		]	Matrix:	Solid				Date Prep: 12.28.2020							
MB Sample Id:	7717957-1-BLK		LCS San	nple Id:	7717957-1	1-BKS		LCS	SD Sample Id: 7717957-1-BSD							
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag				
Benzene	< 0.00200	0.100	0.0977	98	0.0915	92	70-130	7	35	mg/kg	12.28.2020 13:30					
Toluene	< 0.00200	0.100	0.0938	94	0.0877	88	70-130	7	35	mg/kg	12.28.2020 13:30					
Ethylbenzene	< 0.00200	0.100	0.0974	97	0.0906	91	71-129	7	35	mg/kg	12.28.2020 13:30					
m,p-Xylenes	< 0.00400	0.200	0.205	103	0.190	95	70-135	8	35	mg/kg	12.28.2020 13:30					
o-Xylene	< 0.00200	0.100	0.101	101	0.0935	94	71-133	8	35	mg/kg	12.28.2020 13:30					
Surrogate	MB %Rec	MB Flag	L0 %]	CS Rec	LCS Flag	LCSI %Re	) LCSI c Flag		imits	Units	Analysis Date					
1,4-Difluorobenzene	102		1	04		97		70	-130	%	12.28.2020 13:30					
4-Bromofluorobenzene	111		1	09		107		70	-130	%	12.28.2020 13:30					

<b>Analytical Method:</b>	BTEX by EPA 8021	lB		Prep Method: SW5035A												
Seq Number:	3146209			Matrix:	Soil				Date Prep: 12.28.2020							
Parent Sample Id:	682650-002		MS Sar	nple Id:	682650-002 S			MSD Sample Id: 682650-002 SD								
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag				
Benzene	< 0.00200	0.0998	0.0862	86	0.0994	100	70-130	14	35	mg/kg	12.28.2020 21:22					
Toluene	0.0198	0.0998	0.0912	72	0.0919	72	70-130	1	35	mg/kg	12.28.2020 21:22					
Ethylbenzene	0.00766	0.0998	0.0915	84	0.0955	88	71-129	4	35	mg/kg	12.28.2020 21:22					
m,p-Xylenes	0.0286	0.200	0.189	80	0.199	86	70-135	5	35	mg/kg	12.28.2020 21:22					
o-Xylene	0.00960	0.0998	0.0962	87	0.0999	91	71-133	4	35	mg/kg	12.28.2020 21:22					
Surrogate			N %	1S Rec	MS Flag	MSE %Re	) MSI c Flag	D Li g	imits	Units	Analysis Date					
1,4-Difluorobenzene			1	00		101		70	-130	%	12.28.2020 21:22					

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

4-Bromofluorobenzene

 $\begin{array}{l} [D] = 100*(C-A) \ / \ B \\ RPD = 200* \ | \ (C-E) \ / \ (C+E) \ | \\ [D] = 100*(C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$ 

 $LCS = Laboratory \ Control \ Sample \\ A = Parent \ Result \\ C = MS/LCS \ Result \\ E = MSD/LCSD \ Result$ 

110

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

12.28.2020 21:22

Released to Imaging: 4/15/2021 2:26:16 PM

Page 10 of 12

108

70-130

%

Total 200.7 / 6010       200.8 / 6020:       BRCRA 13PPM Texas 11 AI Sb As Ba Be DCd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2         Circle Method(s) and Metal(s) to be analyzed       TCLP / SPLP 6010:       BRCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni K Se Ag Ti U       1         volte: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expresses incurred by the client if such losses are due to circumstances beyond the control Xenco. but not analyzed. These terms will be enforced unless previously negotiated.         Relinquished by: (Signature)       Received by: (Signature)       Date/Time       Relinquished by: (Signature)       Received by: (Signature)	Protein 200.7 / 6010       200.8 / 6020:       BRCRA 13PPM Texas 11 Al Sb As Ba Be Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2         Circle Method(s) and Metal(s) to be analyzed       TCLP / SPLP 6010:       BRCRA Sb As Ba Be Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag Tl U       1         volce: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions service. Xenco will be liable only for the cost of samples constitutes a valid purchase order from client company to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.         Descrived by: (Signature)       Received by: (Signature)       Date/Time       Relinquished by: (Signature)       Received by: (Signature)	Total 200.7 / 6010       200.8 / 6020:       8RCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2         Circle Method(s) and Metal(s) to be analyzed       TCLP / SPLP 6010:       8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U       1         Monotice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions ferryice. Xenco will be lable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control ferry will be enforced unless previously negotiated.	Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2			No La	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			FSIMA SIZZZI VIVXX	Sample Identification Matrix Date Time Depth Depth Number TPH (EF	Sample Custody Seals: Yes No N/A Total Containers: J of A 80 e	Cooler Custody Seals: Yes No N/A Correction Factor: 0.2 0 15 8 3	Received Intact: (Yeg ' NoWIM_00] Intail (21) 00.0)	Temperature (°C): O.S. O.(c) Thermometer ID e	SAMPLE RECEIPT Temp, Blank: Yes No Wet Ice? Yes No	Sampler's Name: Benjamin Belill Due Date:	P.O. Number: NR w 2004956454 Rush:	Project Number: TE017970029 Routine	Project Name: Rustler Black SWD Turn Around ANALYSIS REQUEST	Phone:     432.236.3849     Email:     bbelill@ltenv.com     Deliverables:     EDD     ADa	City, State ZIP: Midland, TX 79705 City, State ZIP: Carlsbad, NM 88220 Reporting:Level II Level III Level II Level II Level II Level II Le	Address: 3300 North A Street Address: 3104 E Green Street State of Project:	Company Name: LT Environmental, Inc., Permian office Company Name: XTO Energy Program: UST/PST PRP Brow	Project Manager: Dan Moir Bill to: (if different) Kyle Littrell Work Order	Chain of Custody         Work Order I           Page 27 of 29         Mouston, TX (281) 240-4200         Dallas, TX (214) 902-0300         San Antonio, TX (210) 509-3334         Work Order I           Midland, TX (432-704-5440)         EL Paso, TX (915)585-3443         Lubbock, TX (806)794-1296         Work Order I           Hobbs, NM (575-332-7550)         Phoenix, AZ (480-355-0900)         Atlanta, GA (770-449-8800)         Tampa, FL (813-520-2000)         WMW. Xenco.cor
Mo Ni K Se Ag SiO2 Na Sr TI Sn U V Zn TI U 1631/245.1/7470 /7471 : Hg erms and conditions es beyond the control usly negotiated. Received by: (Signature) Date/Time	Mo Ni K Se Ag SiO2 Na Sr TI Sn U V Zn TI U 1631/245.1/7470 /7471 : Hg erms and conditions es beyond the control usly negotiated. Received by: (Signature) Date/Time	Mo Ni K Se Ag SiO2 Na Sr TI Sn U V Zn TI U 1631 / 245.1 / 7470 / 7471 : Hg erms and conditions es beyond the control usly negotiated.	Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn 1631/2451/7470 /7471 · Ho							Compsite	Sample Comments	lab, if received by 4:30pm	TAT starts the day received by the							Work Order Notes	oles: EDD ADaPT Other:	g:Level IIevel III}ST/USTRRPbvel IV	of Project:	ı: UST/PST ☐PRP ☐Brownfields ☐RC ☐uperfund [	Work Order Comments	Work Order No: 182652

## **Eurofins Xenco, LLC**

## Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature Range: 0 - 6 degC									
Date/ Time Received: 12.28.2020 10.05.00 AM	Air and Metal samples Acceptable Range: Ambient									
Work Order #: 682652	Temperature Measuring device used : T_NM_007									
Sample Recei	pt Checklist	Comments								
#1 *Temperature of cooler(s)?	.6									
#2 *Shipping container in good condition?	Yes									
#3 *Samples received on ice?	Yes									
#4 *Custody Seals intact on shipping container/ cooler?	Yes									
#5 Custody Seals intact on sample bottles?	Yes									
#6*Custody Seals Signed and dated?	Yes									
#7 *Chain of Custody present?	Yes									
#8 Any missing/extra samples?	No									
#9 Chain of Custody signed when relinquished/ received?	Yes									
#10 Chain of Custody agrees with sample labels/matrix?	Yes									
#11 Container label(s) legible and intact?	Yes									
#12 Samples in proper container/ bottle?	Yes	Samples received in bulk containers.								
#13 Samples properly preserved?	Yes									
#14 Sample container(s) intact?	Yes									
#15 Sufficient sample amount for indicated test(s)?	Yes									
#16 All samples received within hold time?	Yes									
#17 Subcontract of sample(s)?	No									
#18 Water VOC samples have zero headspace?	N/A									

#### \* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 12.28.2020

Checklist reviewed by: Jessica WAMER Jessica Kramer

Date: 12.28.2020

CONDITIONS

Action 15866

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 OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
XTO ENERGY, INC 6401 Holiday Hill Road	5380	15866	C-141
Building #5 Midland, TX79707			
OCD Reviewer	Condition		
ceads	None		