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

Page 1 of 140

Revised August 24, 2018 Submit to appropriate OCD District office

)

Incident ID	NRM2023138718
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID	
Contact Name	Contact Telephone	
Contact email	Incident # (assigned by OCD)	
Contact mailing address		

Location of Release Source

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

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name:

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	Yes No
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		

Page	2
1 uge	-

Oil Conservation Division

Incident ID	NRM2023138718
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?	
19.15.29.7(A) NMAC?		
🗌 Yes 🗌 No		
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?		

Initial Response

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

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:

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:	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by: Ramona Marcus	Date: 8/18/2020
Adrian Baker	SH&E Coordinator

432-221-7331

3.90 bbls

•

Location:	Poker Lake Unit 89		
Spill Date:	8/5/2020		
	Area 1		
Approximate A	rea =	1807.00	sq. ft.
Average Satura	tion (or depth) of spill =	0.75	inches
Average Porosi	ty Factor =	0.03	
	VOLUME OF LEAK		
Total Crude Oil	=	1.23	bbls
Total Produced	Water =	4.37	bbls
	Area 2		
Approximate A	rea =	2386.00	sq. ft.
Average Satura	Average Saturation (or depth) of spill = 0.19		
Average Porosi	ty Factor =	0.03	
	VOLUME OF LEAK		
Total Crude Oil	=	0.04	bbls
Total Produced	Water =	0.16	bbls
	TOTAL VOLUME OF LEAK		
Total Crude Oil	=	1.27	bbls
Total Produced	Water =	4.53	bbls
	TOTAL VOLUME RECOVERED		
Total Crude Oil	=	1 10	hhls

Total Produced Water =

Received by OCD: 11/3/2020 3:37:13 PM State of New Mexico

Oil Conservation Division

	Page 4 of 14	10
Incident ID	NRM2023138718	
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?	>100 (ft 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 not 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

- Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs

Photographs including date and GIS information

- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 11/3/2020 3:37:13 PM Form C-141 State of New Me Page 4 Oil Conservation D	exico Division	Incident ID District RP Facility ID Application ID	Page 5 of 140 NRM2023138718
I hereby certify that the information given above is true and compregulations all operators are required to report and/or file certain public health or the environment. The acceptance of a C-141 rep failed to adequately investigate and remediate contamination that addition, OCD acceptance of a C-141 report does not relieve the and/or regulations.	plete to the best of my knowledge a release notifications and perform co ort by the OCD does not relieve the pose a threat to groundwater, surfa operator of responsibility for comp	and understand that pursu prrective actions for rele e operator of liability sho ace water, human health liance with any other fec	uant to OCD rules and eases which may endanger ould their operations have or the environment. In deral, state, or local laws
Printed Name: Kyle Littrell	Title: <u>SH&E</u>	Supervisor	
Signature:	Date:10/28/202	20	
email: Kyle Littrell@xtoenergy.com	Telephone:	(432)-221-7331	
OCD Only Received by:	Telephone Date:		

Received by OCD: 11/3/2020 3:37:13 PM State of New Mexico

Oil Conservation Division

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

Incident ID	NRM2023138718
District RP	
Facility ID	
Application ID	

Remediation Plan

Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. Extents of contamination must be fully delineated. Contamination does not cause an imminent risk to human health, the environment, or groundwater. 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&E Coordinator _____ Signature: _____ Date: __10/28/2020__ email: _____ Kyle_Littrell@xtoenergy.com _____ Telephone: ____(432)-221-7331_____ OCD Only Received by: _____ Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: Date:

Page 5

LT Environmental, Inc.

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

October 30, 2020

WSP

proud member

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

RE: Deferral and Variance Request Poker Lake Unit 89 Incident Number NRM2023138718 Eddy County, New Mexico

To Whom It May Concern:

LT Environmental, Inc. (LTE), on behalf of XTO Energy, Inc. (XTO), presents the following Closure Request detailing site assessment, excavation, and soil sampling activities at the Poker Lake Unit 89 (Site) in Unit G, Section 25, Township 24 South, Range 30 East, in Eddy County, New Mexico (Figure 1). The purpose of the site assessment, excavation, and soil sampling activities was to address impacts to soil following the release of crude oil and produced water at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, XTO is submitting this Deferral Request for no further action (NFA) for Incident Number NRM2023138718 until final reclamation of the well pad. A variance to the requirement for full delineation of soil left in place is requested in support of this deferral.

RELEASE BACKGROUND

On August 5, 2020, fluid was discovered releasing from the stuffing box packing at the Site. Approximately 1.27 barrels (bbls) of crude oil and approximately 4.53 bbls of produced water were released onto the caliche well pad surrounding the well head and pumpjack. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately 1.10 bbls of crude oil and approximately 3.90 of produced water were recovered. No released fluids escaped the well pad. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification and Corrective Action Form C-141 (Form C-141) on August 18, 2020 and was assigned Incident Number NRM2023138718.

SITE CHARACTERIZATION

LTE characterized the Site 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). Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest water well data. The nearest permitted water well with depth



to groundwater data is the New Mexico Office of the State Engineer (NMOSE) well C02110, located approximately 1.39 miles northwest of the Site. The water well has a depth to groundwater of 400 feet and a total depth of 600 feet. Ground surface elevation at the water well location is 3,412 feet above mean sea level (AMSL), which is approximately 33 feet lower in elevation than the Site. All wells used for depth to groundwater determination are depicted on Figure 1 and the associated well water records are included in Attachment 1. The closest continuously flowing water or significant watercourse is an unnamed dry wash located approximately 1.25 miles northeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). The Site receptors are depicted on Figure 1.

During October 2020, in an effort to confirm depth to water in the area, a borehole (BH02) was advanced to a depth of 110 feet bgs via truck-mounted hollow stem auger. The borehole was located approximately 48 feet southwest of the Site. The location of the borehole BH02 is provided on Figure 1. An LTE geologist logged and described soils continuously. The borehole lithologic/soil sampling log is included in Attachment 2. The borehole was left open for over 72 hours to allow for potential slow infill of ground water. After the 72-hour waiting period without observing groundwater, it was confirmed that groundwater beneath the Site is greater than 110 feet bgs. The borehole was properly abandoned utilizing hydrated bentonite chips.

CLOSURE CRITERIA

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg);
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg;
- TPH-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg;
- Total petroleum hydrocarbons (TPH): 2,500 mg/kg; and
- Chloride: 20,000 mg/kg.

SITE ASSESSMENT ACTIVITIES AND ANALYTICAL RESULTS

On August 12, 2019, LTE personnel were at the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. LTE personnel collected six preliminary soil samples (SS01 through SS06) within the release extent from a depth of approximately 0.5 feet bgs to assess the lateral extent of impacted soil. Soil from the preliminary



soil samples was field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photo-ionization detector (PID) and Hach[®] chloride QuanTab[®] test strips, respectively. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2.

The preliminary soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported 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 BTEX following United States Environmental Protection Agency (USEPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following USEPA Method 8015M/D; and chloride following USEPA Method 300.0.

Laboratory analytical results for the preliminary soil samples SS01, SS02, SS04, and SS05 indicated that TPH-GRO/TPH-DRO, total TPH, and chloride concentrations exceeded the Closure Criteria. Laboratory analytical results for preliminary soil samples SS03 and SS06 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, total TPH and chloride concentrations were compliant with the Closure Criteria. Based on visible staining in the release area, field screening activities, and laboratory analytical results for the preliminary soil samples, delineation and excavation activities were warranted.

EXCAVATION AND DELINEATION SOIL SAMPLING ACTIVITIES

Between August 19, 2020 and August 24, 2020, LTE personnel returned to the Site to oversee excavation and delineation activities as indicated by visual observations, field screening activities, and laboratory analytical results for the preliminary soil samples.

Two potholes (PH01 and PH02) were advanced via track hoe to a depth of 1 foot bgs to confirm the absence of impacted soil at the SS03 and SS06 preliminary soil sample locations. One discrete delineation soil sample was collected from each pothole from a depth of 1 foot bgs. Soil from the potholes was field screened for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach[®] chloride QuanTab[®] test strips, respectively. Field screening results and observations for each pothole were logged on lithologic/soil sampling logs, which are included in Attachment 2. The delineation soil sample locations are depicted on Figure 3. The delineation soil samples were collected, handled, and analyzed as described above and submitted to Xenco in Carlsbad, New Mexico.

Based on field screening activities and laboratory analytical results for the preliminary and delineation soil samples, excavation activities were completed to remove impacted soil in the areas surrounding preliminary soil samples SS01, SS02, SS04, and SS05. To direct excavation activities, LTE screened soil for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach[®] chloride QuanTab[®] test strips, respectively. Following removal of impacted soil, LTE



collected 5-point composite soil samples every 200 square feet from the excavations. The 5-point composite samples were collected by depositing five aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. The excavation was separated into two areas (eastern and western), divided by the well head and pump jack. XTO safety policy prohibts mechanical or nonmechanical soil removal within 10 feet of an active wellhead. The eastern excavation measured approximately 331 square feet in area and was completed to a depth of approximately 1 foot bgs. A total of 3 composite floor samples (FS06 through FS08) were collected from the excavation from a depth of 1 foot bgs. The western excavation measured approximately 2,885 square feet in area and was completed to depths ranging from 0.5 feet to 1 foot bgs. A total of 14 composite floor soil samples (FS01 through FS05 and FS09 through FS17) were collected from the excavation from depths ranging from 0.5 feet to 1 foot bgs. Due to the shallow depth of the excavations, the soil samples represented the floors and sidewalls of the excavations. The excavation soil samples were collected, handled, and analyzed as described above. The excavation extents and excavation soil sample locations are depicted on Figure 4. Photographic documentation was conducted during the Site visit. A photographic log is included in Attachment 3.

The combined excavations measured approximately 3,217 square feet in area and were completed to a maximum depth of approximately 1 foot bgs. A total of approximately 119 cubic yards of impacted soil were removed from the excavations. The impacted soil was transported and properly disposed of at the R360 Facility located in Hobbs, New Mexico. After completion of confirmation sampling, the excavations were backfilled.

ANALYTICAL RESULTS

Laboratory analytical results for the preliminary soil samples SS01, SS02, SS04, and SS05 indicated that TPH-GRO/TPH-DRO, total TPH, and chloride concentrations exceeded the Closure Criteria. Laboratory analytical results for preliminary soil samples SS03 and SS06 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, total TPH, and chloride concentrations were compliant with the Closure Criteria.

Laboratory analytical results for the delineation soil samples collected from potholes PH01 and PH02 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, total TPH, and chloride concentrations were compliant with the Closure Criteria.

Laboratory analytical results for excavation samples FS01 through FS17, collected from the final excavation extent, indicated that benzene, BTEX, TPH-GRO/TPH-DRO, total TPH, and chloride concentrations were compliant with the Closure Criteria.

The laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Attachment 4.



DEFERRAL REQUEST

Initial and follow-up response efforts as a result of the August 5, 2020 crude oil and produced water release included removal of freestanding fluid by a hydrovac truck, excavation and removal of impacted soil, and collection of confirmation soil samples. Preliminary soil samples SS01 through SS06 were collected from within the release extent. Laboratory analytical results for preliminary soil samples SS01, SS02, SS04, and SS05 indicated that TPH-GRO/ TPH-DRO, total TPH, and chloride concentrations exceeded the Closure Criteria. Based on the analytical results, the impacted soil was excavated to depths ranging from 0.5 feet bgs to 1 foot bgs. The excavation encompassed an area of approximately 3,217 square feet and a total volume of 119 cubic yards of soil was removed. Laboratory analytical results for the excavation soil samples collected from the final excavation extent, indicated that benzene, BTEX, TPH-GRO/ TPH-DRO, total TPH, and chloride concentrations were compliant with the Closure Criteria. XTO backfilled the excavation with material purchased locally and recontoured the Site to match pre-existing site conditions.

Stained soil on the ground surface is evident immediately adjacent to the wellhead; however, to eliminate risk to worker safety and wellbore integrity, XTO prohibits soil removal and subsurface investigation within 10 feet of an active wellhead. LTE was unable to access the area under the active pump jack for surface scraping and requests a deferral to address the soil at final reclamation of the well pad since it exists on an active well pad beneath active production equipment that would require major facility deconstruction to remove.

VARIANCE REQUEST

LTE was unable to investigate vertical delineation of stained soil left in place immediately below the active pump jack. Excavation confirmation sample results and delineation soil samples from potholes provide lateral delineation. These same samples indicate any residual impact is less than one foot in depth, suggesting there is less than 2 cubic yards of impacted soil remaining. Site characterization indicates there are no nearby receptors that would be impacted by de minimus soil at the wellhead. As such, LTE and XTO believe leaving the residual impacts in place until final reclamation without full vertical delineation at the wellhead is equally protective of public health, safety and environment.

Initial response efforts and excavation of impacted soil have mitigated impacts at this Site. De minimus residual impacted soil exists immediately under the active pump jack. XTO respectfully requests to defer remediation of that soil until final reclamation or major site construction for Incident Number NRM2023138718.

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

Received by OCD: 11/3/2020 3:37:13 PM



Page 12 of 140

District 2 Page 6

Sincerely,

LT ENVIRONMENTAL, INC.

Kaeri Jennings

Kalei Jennings Project Environmental Scientist

Ashley L. Ager

Ashley L. Ager, P.G. Senior Geologist

cc: Kyle Littrell, XTO United States Bureau of Land Management- New Mexico Robert Hamlet, NMOCD Victoria Venegas, NMOCD Cristina Eads, NMOCD

Attachments:

- Figure 1 Site Location Map
- Figure 2 Preliminary Soil Sample Locations
- Figure 3 Delineation Soil Sample Locations
- Figure 4 Excavation Soil Sample Locations
- Table 1Soil Analytical Reports
- Attachment 1 Water Well Records
- Attachment 2 Lithologic/Soil Sample Logs
- Attachment 3 Photographic Log
- Attachment 4 Laboratory Analytical Reports

Received by OCD: 11/3/2020 3:37:13 PM

FIGURES





. Released to Imaging: 3/31/2021 1:45:13 PM







. Released to Imaging: 3/31/2021 1:45:13 PM

P:\XTO Energy\GIS\MXD\012920120_PLU 89\012920120_FIG04_EXCAVATION_2020.mxd

Received by OCD: 11/3/2020 3:37:13 PM

TABLES



TABLE 1 SOIL ANALYTICAL RESULTS

POKER LAKE UNIT 89 INCIDENT NUMBER NRM2023138718 EDDY COUNTY, NEW MEXICO XTO ENERGY, INC.

Sample Name	Sample Depth (feet bgs)	Sample Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table	e 1 Closure Crit	eria	10	NE	NE	NE	50	NE	NE	NE	1,000	2,500	20,000
SS01	0.5	08/12/2020	<0.00200	<0.00200	< 0.00200	<0.00200	< 0.00200	<250	3,650	597	3,650	4,250	49,300
SS02	0.5	08/12/2020	< 0.00200	0.00856	0.0697	0.213	0.292	<300	14,000	2,010	14,000	16,000	13,600
SS03	0.5	08/12/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.0	804	198	804	1,000	7,660
SS04	0.5	08/12/2020	<0.00197	0.00215	0.0100	0.0212	0.0334	<300	16,500	2,460	16,500	19,000	21,700
SS05	0.5	08/12/2020	<0.00198	0.00270	0.0989	0.0884	0.190	<299	10,400	1,490	10,400	11,900	28,100
SS06	0.5	08/12/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.1	78.7	<50.1	78.7	78.7	1,520
PH01	1	08/19/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	180
PH02	1	08/24/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	16.5
FS01	1	08/19/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	190
FS02	1	08/19/2020	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	187
FS03	1	08/19/2020	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	184
FS04	1	08/19/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.3	<50.3	<50.3	<50.3	<50.3	19.9
FS05	1	08/19/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	51.7
FS06	1	08/19/2020	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<50.1	<50.1	<50.1	<50.1	<50.1	141
FS07	1	08/20/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	77.9
FS08	1	08/20/2020	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	58.7
FS09	0.5	08/20/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.9	120	<49.9	120	120	532
FS10	0.5	08/20/2020	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<49.9	830	192	830	1,020	2,100
FS11	1	08/20/2020	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	168
FS12	0.5	08/20/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.9	283	76.0	283	359	912
FS13	0.5	08/20/2020	<0.00199	<0.00199	< 0.00199	< 0.00199	<0.00199	<50.0	195	<50.0	195	195	4,490
FS14	1	08/20/2020	<0.00200	<0.00200	< 0.00200	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	79.9
FS15	1	08/20/2020	<0.00200	<0.00200	< 0.00200	<0.00200	<0.00200	<49.8	109	<49.8	109	109	575



.

TABLE 1 SOIL ANALYTICAL RESULTS

POKER LAKE UNIT 89 INCIDENT NUMBER NRM2023138718 EDDY COUNTY, NEW MEXICO XTO ENERGY, INC.

Sample Name	Sample Depth (feet bgs)	Sample Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table	e 1 Closure Crite	eria	10	NE	NE	NE	50	NE	NE	NE	1,000	2,500	20,000
FS16	1	08/24/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	438
FS17	0.5	08/24/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	1,440

Notes:

bgs - below ground surface

BTEX - benzene, toluene, ethylbenzene, and total xylenes

DRO - diesel range organics

GRO - gasoline range organics

mg/kg - milligrams per kilogram

MRO - motor oil range organics NMAC - New Mexico Administrative Code NMOCD - New Mexico Oil Conservation Division NE - not established

TPH - total petroleum hydrocarbons

Bold - indicates result exceeds the applicable regulatory standard

< - indicates result is below laboratory reporting limits

Table 1 - closure criteria for soils impacted by a release per NMAC 19.15.29 August 2018

Text

indicates removal of impacted soil



. Released to Imaging: 3/31/2021 1:45:13 PM

Received by OCD: 11/3/2020 3:37:13 PM

. Released to Imaging: 3/31/2021 1:45:13 PM



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

 Data Category:
 Geographic Area:

 Site Information
 V

 United States
 V

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News 🔊

USGS 321203103511801 24S.30E.23.3124143

Available data for this site SUMMARY OF ALL AVAILABLE DATA \checkmark GO

Well Site

DESCRIPTION:

Latitude 32°12'03", Longitude 103°51'18" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: 474 feet Land surface altitude: 3,423 feet above NAVD88. Well completed in "Rustler Formation" (312RSLR) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1959-03- 26	1959-03- 26	1
Revisions	Unavailable (timeseries:0	(site:0)))	

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center

Email questions about this site to <u>New Mexico Water Science Center Water-</u> <u>Data Inquiries</u>

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=321203103511801

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2020-08-25 18:07:25 EDT 0.3 0.28 caww01





•

	WR File Number:	C 02110	0		Subbasi	n: CUB	Cross	Reference:	-	
	Primary Purpose:	STK	72-12-1	1 LIVES	STOCK W	ATERING				
	Primary Status:	DCL	DECLA	ARATIO	ON					
	Total Acres:	0			Subfile:	-			Header: -	
	Total Diversion:	3			Cause/C	Case: -				
	Owner:	CLARE	ENCE W.	MCDO	ONALD					
ocument	ts on File									
			Stat	us			From/			
	T		1	э т		Deres	T		D'	C
urrent P	Trn # Doc File/A 199332 DCL 1984-03	Act <u>-01</u>	1 DCL	2 Tr PRC C	ransaction	Desc.	To T JTM in meters	Acres 0	Diversion 3	Consumptiv
urrent P POD <u>C 021</u>	Trn # Doc File/A 199332 DCL 1984-03 Points of Diversion Image: Constraint of Diversion Number Well 10 *An (*) after northin	Act <u>-01</u> I Tag Sou	1 DCL Q urce 64	2 Tr PRC C Q16Q4S 4 3	Fransaction 202110 Sec Tws Rn 23 24S 30 on was derive	Desc. (NAD83 U E 6080. ed from PLS	To T JTM in meters X Y 36 3562950 S - see Help	Acres 0	Diversion 3	Consumptiv
Current P POD <u>C 021</u> Place of U	Trn # Doc File/A 199332 DCL 1984-03 Points of Diversion Number Well 10 *An (*) after northin Jse	Act <u>-01</u> I Tag Son ng value ind	1 DCL 1 Q urce 64	2 Th PRC C Q16Q4S 4 3 M locatio	Sec Tws Rn 23 24S 30 24 24S 30	Desc. (NAD83 U gg E 6080. ed from PLS	To T JTM in meters X N 36 3562950 S - see Help	Acres 0	Diversion 3 Location De	Consumptiv
Current P POD <u>C 021</u> lace of U	Trn # Doc File/A 199332 DCL 1984-03 Points of Diversion Number Well 10 *An (*) after northin Jse Q Q 256 64 Q16 Q4Sec Tw	Act -01 I Tag Son ng value ind s Rng	1 DCL 1 urce 64 icates UT! Acres 0	2 Tr PRC C Q16Q4S 4 3 M locatio	Fransaction 02110 Sec Tws Rn 23 24S 30 on was derive rsion 3	Desc. (NAD83 U PE 6080. ed from PLS9 CU Use STK	To T JTM in meters: X X 36 3562950 S - see Help Priority	Acres 0 Y * Other Status Other DCL NO I	Diversion 3 Location Des r Location E PLACE OF U	Consumptiv sc Desc SE GIVEN.
urrent P POD <u>C 021</u> lace of U ource	Trn # Doc File/A 199332 DCL 1984-03 Points of Diversion Number Well 10 *An (*) after northin Jse Q Q 256 64 Q16 Q4Sec Tw	Act -01 I Tag Son ng value ind rs Rng	1 DCL 1 urce 64 icates UT! Acres 0	2 Tr PRC C Q16Q4S 4 3 M locatio	ransaction 02110 Sec Tws Rn 23 24S 30 on was derive rsion 3	Desc. (NAD83 U PE 6080. ed from PLS3 CU Use STK	To T JTM in meters: X Y 36 3562950 S - see Help Priority	Acres 0 X X Status Other DCL NO I	Diversion 3 Location Des r Location E PLACE OF U	Consumptiv se Desc SE GIVEN.



PCW Rcv Date:

Depth Well:

Pipe Discharge Size:

*UTM location was derived from PLSS - see Help

7.00

Log File Date:

Pump Type:

Casing Size:

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data.

600 feet

8/25/20 4:06 PM

POINT OF DIVERSION SUMMARY

400 feet

Source:

Depth Water:

Estimated Yield: 15 GPM

_

		New Me. Wa	xico Office of ter Right	the State E Summa	'ngineer ary
get image list	WR File Number: Primary Purpose: Primary Status:	C 03960 STK 72-12-1 I PMT PERMIT	Subbasin: C IVESTOCK WATERING	Cross Reference	: -
	Total Acres: Total Diversion: Owner: Contact:	3 BUREAU OF LAN STEVE DALY	Subfile: - Cause/Case: - ND MANAGEMENT		Header: -
Documents	on File Image: Trn # Doc File/ 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 588952 72121 2016- 59895 72121 2016- 59997 59997 Well 0 POD1 1 1	Status Act 1 2 06-15 PMT LO PMT LO Q Tag Source 64Q1 Shallow 1 3	Transaction Desc. G C 03960 POD1 (NAD83 1) 6Q4Sec Tws Rng 2 21 24S 30E 6050	From/ To Acres T UTM in meters) X Y Other 62 3563712	s Diversion Consumptive 3 r Location Desc

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/25/20 4:09 PM

WATER RIGHT SUMMARY



New Mexico Office of the State Engineer **Point of Diversion Summary**

Well Tag	POD C 0.	9 Number 3960 POD1	(quarters a (quarters Q64 Q1 1 3	re 1=N [*] are sma 6 Q4 2	W 2=N illest to Sec 21	tE 3=SW (argest) Tws 24S	4=SE) Rng 30E	(NAD83 U X 605062	TM in meters) Y 3563712	
Driller Licer Driller Nam	Driller Co SEN	mpar	ıy:	VAI	IGUARE) WATER	WELLS			
Drill Start I	Date:	11/12/2016	Drill Finis	h Dat	e:	11	/12/2016	Pl	ug Date:	
Log File Da	te:	11/17/2016	PCW Rev	Date	:			So	urce:	Shallow
Pump Type:	:		Pipe Discl	narge	Size:			Es	timated Yield:	
Casing Size:	:	6.00	Depth We	11:		47	5 feet	De	epth Water:	250 feet
	Wate	er Bearing Stratifi	cations:	То	p I	Bottom	Descrij	ption		
				18	32	250	Sandstone/Gravel/Conglomerat			;
				40	02	460	Sandsto	one/Grave	l/Conglomerate	•
		Casing Perf	orations:	То	p I	Bottom				
				25	50	290				
				39	95	435				

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data.

8/25/20 4:09 PM

POINT OF DIVERSION SUMMARY

		New Me Wa	exico Office (I ter Righ	of the Sta t Sum	te Eng ma	gineer ry	∕ ∕ ∙
get image list	WR File Number: Primary Purpose: Primary Status:	C 03716 EXP EXPLO PMT PERMI	Subbasin: CU RATION Г	JB Cross Re	ference:	-	
	Total Acres: Total Diversion: Owner: Contact:	0 BOPCO LP DAVID CORGII	Subfile: Cause/Case: .L	-	1	Header: -	
Documents	s on File Trn # Doc File/ 539192 EXPL 2014-	Statu /Act 1 - <u>01-21</u> PMT L	s 2 Transaction Desc. OG C 03716	From/ To T	Acres 0	Diversion 0	Consumptive
Current Po POD N <u>C 0371</u>	vints of Diversion Number Well 6 POD1	Q Tag Source 640 Shallow 4	(NAD 216Q4Sec Tws Rng 2 2 02 25S 30E 6	83 UTM in meters) X Y 09069 3559211	Other La NEAR B JACKSO WELLS	o cation Desc UCK DN & TWIN	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data.

8/25/20 4:12 PM

WATER RIGHT SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD C 0	9 Number 3716 POD1	(quar (qua Q64 4	ters are rters ar Q16 2	1=N e sma Q4 2	W 2=N allest to Sec 02	E 3=SW largest) Tws 25S	v 4=se) Rng 30E	(NAD83 UTM in meters) X Y 609069 3559211	
Driller Lice Driller Nan	ense: 1e:	1229 RICHARD CARTE	Drille ER	r Con	ıpar	ıy:	CA	RTER'S	WELL DRILLING	
Drill Start l Log File Da	Date:	02/05/2014 03/12/2014	Drill I PCW	Finish Rev I	Dat Date	te: :	0.	3/03/203	14 Plug Date: Source:	Shallow
Pump Type Casing Size	:		Pipe I Depth)ischa Well	irge :	Size:	6	00 feet	Estimated Yield: Depth Water:	50 GPM 425 feet
	Wate	er Bearing Stratific:	ations:		Та 44	ор E 42	Bottom 600	Desc) Sands	ription stone/Gravel/Conglomerate	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data.

8/25/20 4:12 PM

POINT OF DIVERSION SUMMARY

		New N W	Iexico Off ater R	fice of t	he State Sumn	En na	nginee I ry	r
Z	WR File Number:	C 03891	Subba	sin: CUB	Cross Refer	ence:	-	
get image list	Primary Purpose:	MON MON	NITORING WELL					
<u> </u>	Primary Status:	PMT PER	MIT					
	Total Acres:		Subfile	: -			Header: -	
	Total Diversion:	0	Cause/	Case: -				
	Owner:	ENTERPRISI	E FIELD SERVICE	S LLC				
	Contact:	ED WATTEN	BARGER					
Documents	on File		atus		From/			
	Trn # Doc File	Act 1	2 Transaction	Desc	ггош/ То	Acres	Diversion	Consumptive
images	571228 EXPL 2015-	<u>-07-24</u> PMT	LOG C 03891 PO	D1	T	0	0	
Current Po	oints of Diversion			(NAD83 UTM	M in meters)			
POD N <u>C 0389</u> <u>C 0389</u>	Number Well 01 POD1 01 01 POD2 01	Tag Source Shallow	Q 64Q16Q4Sec Tws R 4 4 2 01 25S 3 2 4 2 01 25S 3	ng X 0E 610608 0E 610607	Y 3558890 3558967	Other I WELL WELL	Location Des 1 2	ic

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data.

8/25/20 4:13 PM

WATER RIGHT SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD	Number	(quarte (quar Q64	ers are 1= ters are s Q16 Q	NW 2 malles	=NE 3=SV t to largest ec Tws	W 4=SE)	(NAD83 UT X	ΓM in meters) Υ	
	C 0	3891 POD1	4	4	2 0	1 258	30E	610608	3558890 🌍	
Driller License: 1723 Driller Name:		Driller	Driller Company: SBQ2, LLC DBA CO.			LC DBA STEV	WART BROTH	ERS DRILLING		
Drill Start I	Date:	11/10/2015	Drill F	inish I	ate:	1	1/14/2	015 Plu	ig Date:	
Log File Date: 12		12/04/2015	PCW F	PCW Rcv Date:				Source:		Shallow
Pump Type:		Pipe D	Pipe Discharge Size:				Est	timated Yield:	33 GPM	
Casing Size: 6.13		Depth	Depth Well:			635 feet Dept		pth Water:	429 feet	
Water Bearing Stratific			ications:		Тор	Botton	n Des	cription		
				420 450 Sandstone/Gra		dstone/Gravel	/Conglomerate			
					450	46	0 San	dstone/Gravel	/Conglomerate	
					460	49	0 San	dstone/Gravel	/Conglomerate	
					490	50	0 San	dstone/Gravel	/Conglomerate	
					500	53	0 San	dstone/Gravel	/Conglomerate	
					530	63	5 San	dstone/Gravel	/Conglomerate	
Casing Perfora			forations:		Тор	Botton	n			
					460	63	5			

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability for any particular purpose of the data.

8/25/20 4:13 PM

POINT OF DIVERSION SUMMARY



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

 Data Category:
 Geographic Area:

 Site Information
 V

 United States
 V

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News 🔊

USGS 321214103525501 24S.30E.21.23144

Available data for this site SUMMARY OF ALL AVAILABLE DATA \checkmark GO

Well Site

DESCRIPTION:

Latitude 32°12'14", Longitude 103°52'55" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: not determined. Land surface altitude: 3,371 feet above NAVD88. Well completed in "Rustler Formation" (312RSLR) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1976-12- 01	1998-01- 28	4
Revisions	Unavailable (site:0) (timeseries:0)		

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science $\ensuremath{\mathsf{Center}}$

Email questions about this site to <u>New Mexico Water Science Center Water-</u> <u>Data Inquiries</u>

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=321214103525501

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2020-08-25 18:08:40 EDT 0.28 0.27 caww01







USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

 Data Category:
 Geographic Area:

 Site Information
 V

 United States
 V

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News 🔊

USGS 321034103465501 24S.31E.33.231113

Available data for this site SUMMARY OF ALL AVAILABLE DATA \checkmark GO

Well Site

DESCRIPTION:

Latitude 32°10'38.2", Longitude 103°46'53.0" NAD83 Eddy County, New Mexico , Hydrologic Unit 13070001 Well depth: 740 feet Land surface altitude: 3,461.00 feet above NGVD29. Well completed in "Rustler Formation" (312RSLR) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1959-03- 12	1959-03- 12	1
Revisions	Unavailable (site:0) (timeseries:0)		

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center

Email questions about this site to <u>New Mexico Water Science Center Water-</u> <u>Data Inquiries</u>

Questions about sites/data? Feedback on this web site
Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=321034103465501

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2020-08-25 18:10:57 EDT 0.26 0.25 caww01







USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

 Data Category:
 Geographic Area:

 Site Information
 V

 United States
 V

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News 🔊

USGS 320956103503001 24S.30E.36.33333

Available data for this site SUMMARY OF ALL AVAILABLE DATA \checkmark GO

Well Site

DESCRIPTION:

Latitude 32°09'56", Longitude 103°50'30" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: 480 feet Land surface altitude: 3,408 feet above NAVD88. Well completed in "Rustler Formation" (312RSLR) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1958-08- 19	1987-10- 15	4
Revisions	Unavailable (timeseries:0	(site:0)	

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center

Email questions about this site to <u>New Mexico Water Science Center Water-</u> <u>Data Inquiries</u>

Questions about sites/data? Feedback on this web site

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=320956103503001

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2020-08-25 18:11:56 EDT 0.25 0.25 caww02







USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

 Data Category:
 Geographic Area:

 Site Information
 V

 United States
 V

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News 🔊

USGS 320856103502801 25S.30E.12.113211

Available data for this site SUMMARY OF ALL AVAILABLE DATA \checkmark GO

Well Site

DESCRIPTION:

Latitude 32°08'56", Longitude 103°50'28" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: 482 feet Land surface altitude: 3,371 feet above NAVD88. Well completed in "Alluvium, Bolson Deposits and Other Surface Deposits" (110AVMB) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1959-03- 25	1998-01- 28	5
<u>Revisions</u>	Unavailable (timeseries:0	(site:0)))	

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center

Email questions about this site to <u>New Mexico Water Science Center Water-</u> <u>Data Inquiries</u>

Questions about sites/data? Feedback on this web site

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=320856103502801

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2020-08-25 18:15:07 EDT 0.27 0.25 caww01







USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

 Data Category:
 Geographic Area:

 Site Information
 V

 United States
 V

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News 🔊

USGS 321310103482101 24S.31E.17.13120

Available data for this site SUMMARY OF ALL AVAILABLE DATA \checkmark GO

Well Site

DESCRIPTION:

Latitude 32°13'14.1", Longitude 103°48'23.4" NAD83 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: not determined. Land surface altitude: 3,530.00 feet above NGVD29. Well completed in "Alluvium, Bolson Deposits and Other Surface Deposits" (110AVMB) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1959-02- 03	2013-01- 17	4
Revisions	Unavailable (timeseries:0	(site:0)))	

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center

Email questions about this site to <u>New Mexico Water Science Center Water-</u> <u>Data Inquiries</u>

Questions about sites/data? Feedback on this web site

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=321310103482101

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2020-08-25 18:16:42 EDT 0.27 0.26 caww01







USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

 Data Category:
 Geographic Area:

 Site Information
 V

 United States
 V

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News 🔊

USGS 321334103494901 24S.30E.12.432344

Available data for this site SUMMARY OF ALL AVAILABLE DATA \checkmark GO

Well Site

DESCRIPTION:

Latitude 32°13'34", Longitude 103°49'49" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: 500 feet Land surface altitude: 3,522 feet above NAVD88. Well completed in "Rustler Formation" (312RSLR) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1961-06- 14	1961-06- 14	1
Revisions	Unavailable (timeseries:0	(site:0))	

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center

Email questions about this site to <u>New Mexico Water Science Center Water-</u> <u>Data Inquiries</u>

Questions about sites/data? Feedback on this web site

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=321334103494901

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2020-08-25 18:17:32 EDT 0.28 0.27 caww01







USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

 Data Category:
 Geographic Area:

 Site Information
 V

 United States
 V

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News 🔊

USGS 321421103464901 24S.31E.04.433422

Available data for this site SUMMARY OF ALL AVAILABLE DATA \checkmark GO

Well Site

DESCRIPTION:

Latitude 32°14'23.7", Longitude 103°46'47.8" NAD83 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: 627 feet Land surface altitude: 3,419.00 feet above NGVD29. Well completed in "Rustler Formation" (312RSLR) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1959-03- 13	2013-01- 16	2
Revisions	Unavailable (timeseries:0	(site:0)	

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center

Email questions about this site to <u>New Mexico Water Science Center Water-</u> <u>Data Inquiries</u>

Questions about sites/data? Feedback on this web site

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=321421103464901

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2020-08-25 18:18:27 EDT 0.28 0.27 caww01







LT Environmental, Inc. 508 West Stevens Street Carlsbad, New Mexico 88220 Compliance · Engineering · Remediation LITHOLOGIC / SOIL SAMPLING LOG									BH or MW Name: BHC2 Site Name: CLU B9 RP or Incident Number: DRM 2023 38718 LTE Job Number: 0/2920/20			
									Logged By: MM	Method: HS	A	
Lat/Long: 32, 189487, Field Screening: Hole Diameter: 41/41 Total Depth: 1/0 1/4												
Backfil	ll or Well C	onstruction	n Materia	ls / Commer	ints:	store.	A PPG-12	Mately	15-2 mulesthan A	HOL due Wes	toci	SHOL
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	* 1	Lithology/Re	emarks		Backfill / Well Completio
0	1999	131	N		1 2/1	0	SD-ST	0-3'5	and, Fine grain, (Goriy graded,	-	
Μ			N			1	xx	Rd/B M	r, few clay, No sta wist,	in, No odor,		
Μ			\sim		-	3	GWGC	3-5	Stavel, 2 mil-30	mil, Well Slockd,		
M			~			5 6 7 8 9	CCHE	5-13' se N	taliche, Tan/Br, Me grave (Smin, 10 Odor, Moist	n, No odor , Mod. consolid -20 mil), No Sta	ated, In,	
M	Ser Free		~			+ 10 + 11 + 12 + 13 + 14 + 15 + 16 + 10 + 10 + 10 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 17 + 16 + 17 + 16 + 17 + 16 + 17 + 16 + 16 + 17 + 16 + 16 + 17 + 16 + 16 + 16 + 16 + 16 + 16 + 16 + 16	51-519	13' Sa T 1	nd, Fine, grain, h un/rd, some sin vo odor, Mois -graven (amin-s	veil gradeò, t, Nostain, it. Smil)	1.1.1.1.1.1.1.1.1.1.1.1	
						20 -21 -23 -23	45					

A proud member of WSP								BH or MW Name: BH02 Site Name: PLU 89 RP or Incident Number: NRM 2023 1387 18
	LITHOLOGIC / SOIL SAMPLING LOC							LTE Job Number: 012920120
at/Lor	ng:	Lini	olog	10 / 301	Field Scree	ning:		Hole Diameter:/// Total Depth: ///
Backfil	ll or Well C	onstruction	n Materia	ls / Comme	Chloride, F	PID	-	8 /4 // Depth to Water
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks Backfill / Well Completion
D			N			29 -25 -26	SW- SM	14'-44'SAnd, Fine Soain, Lellgroded, Tun IBF, Some Silt, No Stain, No odor, Ory - Stavel Few (R-BMI)
M	1		N			28		24 - increase in grain size to malium - color shipt to Almond Brown - - large caliche stone surfaced
Μ			N			- 31 - 32 - 33 - 34	SW- SM	34 -increase in grain size to large
	1					-35 -36 -37 -38		- Sand begining to clump together When emerging From EH, (snithand) - No Mare gravel
M			\sim			-39 -40 -41		
۰M			2			- H2 - H3 - H4 - H5 - H6	SW- SC	- 44'- 110' Sand, Fine grain, Well Graded, BC/ Tan, Some Clay, Non-cohsive, Very 10% Plas, Nostain, No 2010,

8

4	proud mark	P	Cá Comj	LT Envi 508 Wes arlsbad, I pliance - E	ronmenta st Stevens New Mexic Engineering	I, Inc. Street to 88220 • Remedia		BH or MW Name: BH02 Site Name: pLU 89 RP or Incident Number: NRA2023 [387]8 LTE Job Number: 01222 0120					
	and the	LITH	OLOGI	C / SOI	L SAMP	LING LO	DG	19.7	Logged By: WM	N	Method Hta	15	4
Lat/Lo	ng:				Field Scree	ening:		in al - Fil	Hole Diameter & 1/4 "	1	otal Depth: 110	14	
Backfi	l or Well C	onstruction	n Material	ls / Comme	nts:	D	201		014	IL	Depth to Water:	-	
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol		Lithology/R	Remarks			Backfill / Well Completion
MMM			2 2 2			48° 50 51 52 53 54 55 56 57 58 57 58 57 58 50 57 58 50 57 58 50 57 58 50 57 58 50 57 58 50 57 58 50 57 58 50 50 51 52 53 54 55 55 50 57 50 50 50 50 50 50 50 50 50 50 50 50 50	SH-SC	44'-20 64' -	incrense Frequent	Clay, NOSO ing on kliche pice zed by A	Aliche Pieces		
M			N			67 68 69 70 71 72	Shi- Sc	70' g	lain Size incl	rase t	o large		

A proved member of WSP LT Environmental, Inc. 508 West Stevens Street Carlsbad, New Mexico 88220 Compliance · Engineering · Remediation									BH or MW Name: BH02 Site Name: PLU89 RP or Incident Number: NRM 2023 38718 LTE Job Number: 0129 20120			
LITHOLOGIC / SOIL SAMPLING LOG Lat/Long: Field Screening: Chloride_PUD									Logged By: AIM Hole Diameter: 8 1/4	Method: HS/ Total Depth: 10/14 Depth to Water	4	
Backfil	ll or Well C	onstruction	Material	s / Commer	ts:	1.18	Alexan	A. T.				
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol		Lithology/Rema	rks	Backfill / Well Completion	
Μ			N			3 24 75 76 77	SU- SC	44'-	Sand, large gra Britan, Some Very IOW Plas, N Odor, Moist - Clumping - Caliche Fro	in, hiell gladed, _ clay, Non-consive, o stain, No on exit gments Present (fai)		
M			2			78 79 80 81 82	541- 5(
M			Ν			83 84 85 86						
Μ			N			-88 -89 -10* -91 -92	SN BC	Restart	Bit 10/8/20 @			
~			\sim			-93 -94 -95 -96						

A proud m of WSP	Permber LITHO	Com Com DLOG	LT Envir 508 West arlsbad, N pliance · Er IC / SOII	onmenta Stevens ew Mexic ngineering SAMPI Field Scree Chloride, P	BH or MW Name: BH or MW Name: BH or MW Name: Date: 10/8/20 Site Name: P or Incident Number: LTE Job Number: Logged By: Hole Diameter: 8/4" Total Depth: Depth to Water: Date: 10/8/20 NM 10/8/20	BH or MW Name: BH or MW Name: BH or MW Name: Date: 10/8/20 Site Name: P/U89 RP or Incident Number: NRM 2023 3 8718 LTE Job Number: 012920 120 Logged By: Hole Diameter: 8/4" Total Depth: H0/2,4 Depth to Water:		
Moisture Content Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks	Backfill / Well Completion
M M		S S S	Sa	(ft bgs)	197° -98 -99 -100 -101 -102 -101 -102 -104 -105 -105 -105 -105 -105 -105 -105 -105	SAL SAL SL	HI-116' SAND, large grain, wen graded, BG / Tan, some clay, won-cohesine, Very IOW Plas, No stain, No odor, MOISt • CIVIMPING on exit • Caliche Gragmants present • Caliche Gragmants present • TO @ 110,4 installing 30'screen & Riser 2" Dianeter Io slot screen	Completion

•

LITH Lat/Long: 32.18977, -103.83210 Comments:	LT Envi 508 Wes Carlsbad, I Compliance · E OLOGIC / SOII	ironmental, Inc. st Stevens Street New Mexico 88220 Engineering · Remed C SAMPLING LO Field Screening: TPH, CI-	Identifier: PH01 Project Name: PLU 89 Logged By: FS Hole Diameter:	Date: 8/19/2020 Incident Number: NRM2023138718 Method: Track hoe Total Depth: 1 foot	
Moisture Content Chloride (ppm) Vapor (nom)	Staining Sample #	Depth (ft. bgs.) Sample Depth	Soil/Rock Type	Lithology/Ro	emarks
487 1.4	N PH01	$ \begin{array}{c} 0 \\ 1 \\ 1 \\ 1 \\ $	SP-SC Caliche,	red/brown, no odor, no stain.	

•

I Environmental, Inc.	Com Com LITHOLOGI D	LT Environmen 508 West Steve arlsbad, New Me pliance · Engineen C / SOIL SAMI Field Sc TPH, Cl	ntal, Inc. ns Street xico 88220 ng · Remed PLING LC reening:		Identifier: PH02 Project Name: PLU 89 Logged By: FS Hole Diameter:	Date: 8/19/2020 Incident Number: NRM2023138718 Method: Track hoe Total Depth: 1 foot	
Moisture Content Chloride (ppm)	Vapor (ppm) Staining	# Deptl (ft. bgs.)	Sample Depth	Soil/Rock Type		Litholo	gy/Remarks
386	0 N	0 PH02 1 3 4 5 6 7 8 9 10 11 12	╕ ╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼╸┼	SP-SC	Caliche, 1	red/brown, no odor, no	stain.

. Released to Imaging: 3/31/2021 1:45:13 PM

PHOTOGRAPHIC LOG



Photograph 1: View of release facing North.



Photograph 3: View of excavation facing Southwest.

Photographs Taken: August 12, 2020 through September 10, 2020



Photograph 2: View of release facing West.



Photograph 4: View of excavation facing South.



. Released to Imaging: 3/31/2021 1:45:13 PM

Poker Lake Unit 89 NRM2023138718

Page 1 of 2

PHOTOGRAPHIC LOG



Photograph 5: Southwestern view of Site after backfill was completed.



Photograph 6: Southern view of Site after backfill was completed.



Photograph 7: Southeastern view of Site after backfill was completed.





eurofins Environment Testing

Project Id: 012920120

Contact: Dan Moir

Project Location:

Certificate of Analysis Summary 669982

LT Environmental, Inc., Arvada, CO

Project Name: PLU 89

 Date Received in Lab:
 Thu 08.13.2020 11:45

 Report Date:
 08.17.2020 11:21

 Project Manager:
 Jessica Kramer

Lab Id: 669982-001 669982-002 669982-003 669982-004 669982-005 Field Id: SS01 SS02 SS03 SS04 SS05 Analysis Requested 0.5- ft Depth: 0.5- ft 0.5- ft 0.5- ft 0.5- ft Matrix: SOIL SOIL SOIL SOIL SOIL Sampled: 08.12.2020 11:47 08.12.2020 11:17 08.12.2020 11:24 08.12.2020 11:32 08.12.2020 11:41 BTEX by EPA 8021B 08.14.2020 08:47 08.14.2020 08:47 08.14.2020 08:47 08.14.2020 08:47 08.14.2020 08:47 Extracted: Analyzed: 08.14.2020 16:51 08.14.2020 17:14 08.14.2020 18:10 08.14.2020 18:32 08.14.2020 18:55 RL mg/kg RL mg/kg RL RL RL Units/RL: mg/kg mg/kg mg/kg < 0.00200 < 0.00200 0.00200 < 0.00198 0.00198 < 0.00200 0.00200 0.00200 < 0.00197 0.00197 Benzene 0.00200 0.00856 < 0.00200 0.00200 0.00215 0.00197 0.00270 0.00198 Toluene < 0.00200 0.00200 < 0.00200 0.00200 0.0697 0.00200 < 0.00200 0.00200 0.0100 0.00197 0.0989 0.00198 Ethylbenzene 0.00399 0.132 0.00399 < 0.00400 0.00400 0.0136 0.00394 0.0597 0.00397 < 0.00399 m,p-Xylenes < 0.00200 0.00200 0.0287 o-Xylene < 0.00200 0.00200 0.0814 0.00200 0.00761 0.00197 0.00198 0.00200 0.213 0.00200 < 0.00200 0.00200 0.0212 0.00197 0.0884 0.00198 < 0.00200 Total Xylenes Total BTEX < 0.00200 0.00200 0.292 0.00200 < 0.00200 0.00200 0.0334 0.00197 0.190 0.00198 Chloride by EPA 300 Extracted: 08.14.2020 11:00 08.14.2020 11:00 08.14.2020 11:00 08.14.2020 11:00 08.14.2020 11:00 08.14.2020 13:30 08.14.2020 13:36 08.14.2020 13:42 08.14.2020 13:47 08.14.2020 13:53 Analyzed: RL RL RL RL Units/RL: mg/kg mg/kg mg/kg mg/kg mg/kg RL Chloride 49300 499 13600 200 7660 199 21700 500 28100 500 TPH by SW8015 Mod Extracted: 08.13.2020 17:10 08.13.2020 17:10 08.13.2020 17:10 08.13.2020 17:10 08.13.2020 17:10 Analyzed: 08.14.2020 00:15 08.14.2020 00:35 08.13.2020 23:14 08.14.2020 00:56 08.14.2020 01:16 RL mg/kg RL mg/kg RL RL RL Units/RL: mg/kg mg/kg mg/kg Gasoline Range Hydrocarbons (GRO) <250 250 <300 300 < 50.050.0 <300 300 <299 299 14000 16500 10400 Diesel Range Organics (DRO) 3650 250 999 804 50.0 1000 995 Motor Oil Range Hydrocarbons (MRO) 597 250 999 198 50.0 2460 1490 995 2010 1000 14000 16500 10400 Total GRO-DRO 3650 250 300 804 50.0 300 299 Total TPH 16000 19000 11900 299 4250 250 300 1000 50.0 300

BRL - Below Reporting Limit

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

Jession Vermer

Page 1 of 20

eurofins Environment Testing Xenco

Analytical Report 669982

for

LT Environmental, Inc.

Project Manager: Dan Moir

PLU 89

012920120

08.17.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-37), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2019-058), 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) eurofins Environment Testing Xenco

08.17.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 669982 PLU 89 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) 669982. 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. 669982 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

eurofins Environment Testing Xenco

Sample Cross Reference 669982

PLU 89

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS01	S	08.12.2020 11:17	0.5 ft	669982-001
SS02	S	08.12.2020 11:24	0.5 ft	669982-002
SS03	S	08.12.2020 11:32	0.5 ft	669982-003
SS04	S	08.12.2020 11:41	0.5 ft	669982-004
SS05	S	08.12.2020 11:47	0.5 ft	669982-005

.

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: PLU 89

 Project ID:
 012920120

 Work Order Number(s):
 669982

Report Date: 08.17.2020 Date Received: 08.13.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

g Certificate

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: SS01	Matrix:	Matrix: Soil			Date Received:08.13.2020 11:45			
Lab Sample Id: 669982-001	Date Co	ollected: 08.1		Sample Depth: 0.5 ft				
Analytical Method: Chloride by El	PA 300					Prep Method: E300)P	
Tech: MAB						% Moisture:		
Analyst: MAB		Date Pr	ep: 08.1	4.2020 11:00		Basis: Wet	Weight	
Seq Number: 3134602								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	49300	499		mg/kg	08.14.2020 13:30		50
Analytical Method:TPH by SW80Tech:DTHAnalyst:DTHSeq Number:3134547	015 Mod	Date Pr	ep: 08.1	3.2020 17:10		Prep Method: SW8 % Moisture: Basis: Wet	015P Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<250	250		mg/kg	08.14.2020 00:15	U	5
Diesel Range Organics (DRO)	C10C28DRO	3650	250		mg/kg	08.14.2020 00:15		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	597	250		mg/kg	08.14.2020 00:15		5
Total GRO-DRO	PHC628	3650	250		mg/kg	08.14.2020 00:15		5
Total TPH	PHC635	4250	250		mg/kg	08.14.2020 00:15		5
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	99	%	70-135	08.14.2020 00:15		
o-Terphenyl		84-15-1	97	%	70-135	08.14.2020 00:15		

.

eurofins Environment Testing Xenco

Certificate of Analytical Results 669982

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id:	SS01		Matrix:	Soil	Date	Received:08.13.2020	11:45
Lab Sample Id: 669982-001			Date Collected	1:08.12.2020 11:17	Sample Depth: 0.5 ft		
Analytical Me	ethod: BTEX by EPA 802	1B			Prep	Method: SW5035A	
Tech:	MAB				% Mo	oisture:	
Analyst:	MAB		Date Prep:	08.14.2020 08:47	Basis	: Wet Weigh	t
Seq Number:	3134693						
Donomotor		Cos Number	Docult DI		TT		D

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.14.2020 16:51	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.14.2020 16:51	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.14.2020 16:51	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	08.14.2020 16:51	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.14.2020 16:51	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.14.2020 16:51	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.14.2020 16:51	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	87	%	70-130	08.14.2020 16:51		
1,4-Difluorobenzene		540-36-3	105	%	70-130	08.14.2020 16:51		

.
eurofins Environment Testing Xenco

Certificate of Analytical Results 669982

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: SS02 Lab Sample Id: 669982-002	Matrix Date C	: Soi ollected: 08.	1 12.2020 11:24		Date Received:08.13.2020 11:45 Sample Depth: 0.5 ft			
Analytical Method: Chloride by EP. Tech: MAB	A 300					Prep Method: E300 % Moisture:	P	
Analyst: MAB		Date P	rep: 08.	14.2020 11:00		Basis: Wet	Weight	
Seq Number: 3134602			1					
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	13600	200		mg/kg	08.14.2020 13:36		20
Analytical Method:TPH by SW801Tech:DTHAnalyst:DTHSeq Number:3134547	5 Mod	Date Pr	rep: 08.	13.2020 17:10		Prep Method: SW8 % Moisture: Basis: Wet	015P Weight	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<300	300		mg/kg	08.14.2020 00:35	U	20
Diesel Range Organics (DRO)	C10C28DRO	14000	999		mg/kg	08.14.2020 00:35		20
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	2010	999		mg/kg	08.14.2020 00:35		20
Total GRO-DRO	PHC628	14000	300		mg/kg	08.14.2020 00:35		20
Total TPH	PHC635	16000	300		mg/kg	08.14.2020 00:35		20
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	86	%	70-135	08.14.2020 00:35		
o-Terphenyl		84-15-1	92	%	70-135	08.14.2020 00:35		

eurofins Environment Testing Xenco

Certificate of Analytical Results 669982

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: Lab Sample I	SS02 d: 669982-002		Matrix: Date Collected	Soil 1: 08.12.2020 11:24	Date Recei Sample De	ved:08.13.2020 1 pth: 0.5 ft	1:45
Analytical Me	ethod: BTEX by EPA 802	21B			Prep Metho	od: SW5035A	
Tech: Analyst:	MAB MAB		Date Prep:	08.14.2020 08:47	% Moistur Basis:	Wet Weight	
Seq Number:	3134693					Ū.	
Parameter		Cas Number	Result RL		Units Analysi	s Date Flag	Dil

<0.0020 0.00856	0 0.00200		mg/kg	08.14.2020 17:14	U	1
0.00856	5 0.00200					
	0.00200		mg/kg	08.14.2020 17:14		1
0.0697	0.00200		mg/kg	08.14.2020 17:14		1
0.132	0.00399		mg/kg	08.14.2020 17:14		1
0.0814	0.00200		mg/kg	08.14.2020 17:14		1
7 0.213	6 0.00200		mg/kg	08.14.2020 17:14		1
0.292	0.00200		mg/kg	08.14.2020 17:14		1
Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
460-00-4	90	%	70-130	08.14.2020 17:14		
540-36-3	94	%	70-130	08.14.2020 17:14		
	0.0003 0.0097 23-1 0.132 0.0814 7 0.213 0.292 Cas Number 460-00-4 540-36-3	0.00356 0.00200 0.0697 0.00200 23-1 0.132 0.00399 0.0814 0.00200 7 0.213 0.00200 0.292 0.00200 Cas Number % Recovery 460-00-4 90 540-36-3 94	0.00856 0.00200 0.0697 0.00200 23-1 0.132 0.00399 0.0814 0.00200 7 0.213 0.00200 0.292 0.00200 Cas Number % Recovery Units 460-00-4 90 % 540-36-3 94 %	0.00856 0.00200 mg/kg 0.0697 0.00200 mg/kg 23-1 0.132 0.00399 mg/kg 0.0814 0.00200 mg/kg 7 0.213 0.00200 mg/kg 0.292 0.00200 mg/kg Cas Number % Recovery Units Limits 460-00-4 90 % 70-130 540-36-3 94 % 70-130	0.00856 0.00200 mg/kg 08.14.2020 17:14 0.0697 0.00200 mg/kg 08.14.2020 17:14 023-1 0.132 0.00399 mg/kg 08.14.2020 17:14 0.00814 0.00200 mg/kg 08.14.2020 17:14 7 0.213 0.00200 mg/kg 08.14.2020 17:14 7 0.292 0.00200 mg/kg 08.14.2020 17:14 6 8 8 8 90 10000 90 % 70-130 08.14.2020 17:14 540-36-3 94 % 70-130 08.14.2020 17:14	0.00856 0.00200 mg/kg 08.14.2020 17:14 0.0697 0.00200 mg/kg 08.14.2020 17:14 23-1 0.132 0.00399 mg/kg 08.14.2020 17:14 0.0814 0.00200 mg/kg 08.14.2020 17:14 7 0.213 0.00200 mg/kg 08.14.2020 17:14 7 0.213 0.00200 mg/kg 08.14.2020 17:14 6 0.00200 mg/kg 08.14.2020 17:14 7 0.213 0.00200 mg/kg 08.14.2020 17:14 7 0.292 0.00200 mg/kg 08.14.2020 17:14 6 90 % 70-130 08.14.2020 17:14 6 90 % 70-130 08.14.2020 17:14

eurofins Environment Testing Xenco

Certificate of Analytical Results 669982

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: SS03		Matrix: Soil				Date Received:08.13.2020 11:4		
Lab Sample Id: 669982-003		Date Co	ollected: 08.1	2.2020 11:32		Sample Depth: 0.5 f	t	
Analytical Method: Chloride by EP	PA 300					Prep Method: E300)P	
Tech: MAB						% Moisture:		
Analyst: MAB		Date Pr	ep: 08.1	4.2020 11:00		Basis: Wet	Weight	
Seq Number: 3134602								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	7660	199		mg/kg	08.14.2020 13:42		20
Analytical Method:TPH by SW802Tech:DTHAnalyst:DTHSeq Number:3134547	15 Mod	Date Pr	ep: 08.1	3.2020 17:10		Prep Method: SW8 % Moisture: Basis: Wet	015P Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0		mg/kg	08.13.2020 23:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	804	50.0		mg/kg	08.13.2020 23:14		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	198	50.0		mg/kg	08.13.2020 23:14		1
Total GRO-DRO	PHC628	804	50.0		mg/kg	08.13.2020 23:14		1
Total TPH	PHC635	1000	50.0		mg/kg	08.13.2020 23:14		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	87	%	70-135	08.13.2020 23:14		
o-Terphenyl		84-15-1	88	%	70-135	08.13.2020 23:14		

eurofins Environment Testing Xenco

Certificate of Analytical Results 669982

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id:	SS03		Matrix:	Soil	Date Receive	ed:08.13.2020 11:4	5
Lab Sample Io	d: 669982-003		Date Collected	d: 08.12.2020 11:32	Sample Dept	th: 0.5 ft	
Analytical Me	ethod: BTEX by EPA 8021	В			Prep Method	: SW5035A	
Tech:	MAB				% Moisture:		
Analyst:	MAB		Date Prep:	08.14.2020 08:47	Basis:	Wet Weight	
Seq Number:	3134693						
Donomotor		CogNumber	Docult DI	-			р,

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.14.2020 18:10	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.14.2020 18:10	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.14.2020 18:10	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	08.14.2020 18:10	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.14.2020 18:10	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.14.2020 18:10	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.14.2020 18:10	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	92	%	70-130	08.14.2020 18:10		
1,4-Difluorobenzene		540-36-3	100	%	70-130	08.14.2020 18:10		

eurofins Environment Testing Xenco

Certificate of Analytical Results 669982

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: SS04		Matrix: Soil		1		Date Received:08.13	3.2020 11:	45
Lab Sample Id: 669982-004		Date C	ollected: 08.	12.2020 11:41		Sample Depth: 0.5 f	t	
Analytical Method: Chloride by EP	A 300					Prep Method: E300)P	
Tech: MAB						% Moisture:		
Analyst: MAB		Date P	rep: 08.	14.2020 11:00		Basis: Wet	Weight	
Seq Number: 3134602								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	21700	500		mg/kg	08.14.2020 13:47		50
Analytical Method: TPH by SW801 Tech: DTH Analyst: DTH Seq Number: 3134547	15 Mod	Date P	rep: 08.	13.2020 17:10		Prep Method: SW8 % Moisture: Basis: Wet	015P Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<300	300		mg/kg	08.14.2020 00:56	U	20
Diesel Range Organics (DRO)	C10C28DRO	16500	1000		mg/kg	08.14.2020 00:56		20
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	2460	1000		mg/kg	08.14.2020 00:56		20
Total GRO-DRO	PHC628	16500	300		mg/kg	08.14.2020 00:56		20
Total TPH	PHC635	19000	300		mg/kg	08.14.2020 00:56		20
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	89	%	70-135	08.14.2020 00:56		
o-Terphenyl		84-15-1	90	%	70-135	08.14.2020 00:56		

eurofins Environment Testing Xenco

Certificate of Analytical Results 669982

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: Lab Sample Id	SS04 d: 669982-004		Matrix: Date Collected	Soil d: 08.12.2020 11:41		Date Received:08.13.20 Sample Depth: 0.5 ft		2020 11:4	45
Analytical Me	ethod: BTEX by EPA 802	21B				Prep Method:	SW50	35A	
Tech:	MAB					% Moisture:			
Analyst:	MAB		Date Prep:	08.14.2020 08:47		Basis:	Wet W	/eight	
Seq Number:	3134693								
Parameter		Cas Number	Result RI		Units	Analysis Da	ate	Flag	Dil

Tarameter	Cas Munific	A Result	KL		Units	Analysis Date	riag	Dii
Benzene	71-43-2	< 0.00197	0.00197		mg/kg	08.14.2020 18:32	U	1
Toluene	108-88-3	0.00215	0.00197		mg/kg	08.14.2020 18:32		1
Ethylbenzene	100-41-4	0.0100	0.00197		mg/kg	08.14.2020 18:32		1
m,p-Xylenes	179601-23-1	0.0136	0.00394		mg/kg	08.14.2020 18:32		1
o-Xylene	95-47-6	0.00761	0.00197		mg/kg	08.14.2020 18:32		1
Total Xylenes	1330-20-7	0.0212	0.00197		mg/kg	08.14.2020 18:32		1
Total BTEX		0.0334	0.00197		mg/kg	08.14.2020 18:32		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	97	%	70-130	08.14.2020 18:32		
4-Bromofluorobenzene		460-00-4	72	%	70-130	08.14.2020 18:32		

eurofins Environment Testing

Environment Testing Xenco

Certificate of Analytical Results 669982

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: SS05 Lab Sample Id: 669982-005	Matrix: Date C	: Soi ollected: 08.	1 12.2020 11:47		Date Received:08.1 Sample Depth: 0.5 f	3.2020 11: t	:45	
Analytical Method: Chloride by EP	A 300					Prep Method: E300)P	
Tech: MAB						% Moisture:		
Analyst: MAB		Date Pr	rep: 08.	14.2020 11:00		Basis: Wet	Weight	
Seq Number: 3134602								
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	28100	500		mg/kg	08.14.2020 13:53		50
Analytical Method:TPH by SW801Tech:DTHAnalyst:DTHSeq Number:3134547	5 Mod	Date Pr	rep: 08.	13.2020 17:10		Prep Method: SW8 % Moisture: Basis: Wet	8015P Weight	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<299	299		mg/kg	08.14.2020 01:16	U	20
Diesel Range Organics (DRO)	C10C28DRO	10400	995		mg/kg	08.14.2020 01:16		20
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	1490	995		mg/kg	08.14.2020 01:16		20
Total GRO-DRO	PHC628	10400	299		mg/kg	08.14.2020 01:16		20
Total TPH	PHC635	11900	299		mg/kg	08.14.2020 01:16		20
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	100	%	70-135	08.14.2020 01:16		
o-Terphenyl		84-15-1	94	%	70-135	08.14.2020 01:16		

eurofins Environment Testing Xenco

Certificate of Analytical Results 669982

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: Sample Id: C	SS05 669982-005		Matrix: Date Collecte	Soil 1: 08.12.2020 11:47		Date Received:08.13.2020 Sample Depth: 0.5 ft			5
Analytical Metho	od: BTEX by EPA 802	1B				Prep Method:	SW50	35A	
Analyst: N	ЛАВ ЛАВ		Date Prep	08.14.2020 08:47		% Moisture: Basis:	Wet W	/eight	
Seq Number: 3	134693		Dute Hep.					6	
Parameter		Cas Number	Result RI	,	Units	Analysis Da	ıte	Flag	Dil

T ar ameter	Cas Tullibe	i ittouit	KL		Units	Analysis Date	Flag	DI
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	08.14.2020 18:55	U	1
Toluene	108-88-3	0.00270	0.00198		mg/kg	08.14.2020 18:55		1
Ethylbenzene	100-41-4	0.0989	0.00198		mg/kg	08.14.2020 18:55		1
m,p-Xylenes	179601-23-1	0.0597	0.00397		mg/kg	08.14.2020 18:55		1
o-Xylene	95-47-6	0.0287	0.00198		mg/kg	08.14.2020 18:55		1
Total Xylenes	1330-20-7	0.0884	0.00198		mg/kg	08.14.2020 18:55		1
Total BTEX		0.190	0.00198		mg/kg	08.14.2020 18:55		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	128	%	70-130	08.14.2020 18:55		
1,4-Difluorobenzene		540-36-3	97	%	70-130	08.14.2020 18:55		

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	n
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	catory Control Sample Duplicate
MD/S	D Method Duplicate/Samp	le Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NE	ELAC 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 669982

LT Environmental, Inc.

PLU 89

Analytical Method: Seq Number: MB Sample Id: Parameter	Chloride by 3134602 7709464-1- F	y EPA 30 BLK MB	0 Spike	LCS San	Matrix: nple Id: LCS	Solid 7709464-1 LCSD	I-BKS LCSD	Limits	Pr LCSI %RPD	ep Metho Date Pre D Sample RPD	d: E30 p: 08.1 Id: 770 Units	00P 14.2020 9464-1-BSD Analysis	Flag
Chloride		<10.0	Amount 250	Result 260	% Rec	Result	%Rec 105	90-110	1	20	ma/ka	Date 08.14.2020 12:29	
Chionae		<10.0	250	200	104	203	105	90-110	1	20	iiig/ĸg	00.11.2020 12.29	
Analytical Method:	Chloride by	EPA 30	0			~			Pr	ep Metho	d: E30	0P	
Seq Number:	3134602			MS San	Matrix:	S011 670038-00	M S		MSI	Date Pre	p: 08.1 14: 670	14.2020 038-004 SD	
ratem Sample Iu.	070038-004	Domont	Spiles	MS San	mpie iu.	070030-00	MCD	Limita			Iu. 070	Analysis	
Parameter		Result	Amount	Result	%Rec	Result	MSD %Rec	Linnts	70 KFD	Limit	Units	Date	Flag
Chloride		10900	198	11100	101	11100	101	90-110	0	20	mg/kg	08.14.2020 16:04	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by 3134602 670079-003	7 EPA 30	0] MS San	Matrix: nple Id:	Soil 670079-00)3 S		Pr MSI	ep Metho Date Pre D Sample	d: E30 p: 08.1 Id: 670	00P 14.2020 079-003 SD	
Donomotor		Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
r al allieter		Result	Amount	Result	%Rec	Result	%Rec			Limit	_	Date	Ing
Chloride		13.7	200	208	97	211	99	90-110	1	20	mg/kg	08.14.2020 14:18	
Analytical Method: Seq Number:	TPH by SW 3134547	/8015 M	bd]	Matrix:	Solid			Pr	ep Metho Date Pre	d: SW p: 08.1	8015P 13.2020	
MB Sample Id:	7709452-1-I	BLK		LCS San	ple Id:	7709452-1	I-BKS		LCSI) Sample	Id: 770	9452-1-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	876	88	906	91	70-135	3	35	mg/kg	08.13.2020 19:12	
Diesel Range Organics (DRO)	<50.0	1000	919	92	936	94	70-135	2	35	mg/kg	08.13.2020 19:12	
Surrogate		MB %Rec	MB Flag	L0 %]	CS Rec	LCS Flag	LCSI %Re) LCSI c Flag) Li	mits	Units	Analysis Date	
1-Chlorooctane		103		1	13		115		70-	-135	%	08.13.2020 19:12	
o-Terphenyl		107		10	05		105		70-	-135	%	08.13.2020 19:12	
Analytical Method: Seq Number:	TPH by SW 3134547	78015 M	bd] MB San	Matrix: 1ple Id:	Solid 7709452-1	-BLK		Pr	ep Metho Date Pre	d: SW p: 08.1	8015P 13.2020	
Parameter				MB Recult							Units	Analysis	Flag
Motor Oil Range Hydrocart	oons (MRO)			<50.0							mg/kg	08.13.2020 18:52	

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 17 of 20

Xenco

Environment Testing

🔅 eurofins

QC Summary 669982

LT Environmental, Inc.

PLU 89

Analytical Method:	TPH by SV	V8015 M	od						Pi	rep Meth	od: SW	8015P	
Seq Number:	3134547				Matrix:	Soil				Date Pr	ep: 08.1	3.2020	
Parent Sample Id:	669943-001			MS Sar	nple Id:	669943-00	01 S		MS	D Sample	e Id: 669	943-001 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	oons (GRO)	<49.8	995	883	89	914	90	70-135	3	35	mg/kg	08.13.2020 20:12	
Diesel Range Organics	(DRO)	<49.8	995	921	93	947	94	70-135	3	35	mg/kg	08.13.2020 20:12	
Surrogate				N %	IS Rec	MS Flag	MSD %Ree	o MSI c Flag	D Li g	imits	Units	Analysis Date	
1-Chlorooctane				1	03		107		70	-135	%	08.13.2020 20:12	
o-Terphenyl				ç	94		97		70	-135	%	08.13.2020 20:12	

Analytical Method:	BTEX by EPA 8021	В						Pi	rep Meth	od: SW	5035A	
Seq Number:	3134693			Matrix:	Solid				Date Pr	ep: 08.1	4.2020	
MB Sample Id:	7709453-1-BLK		LCS San	nple Id:	7709453-1	I-BKS		LCS	D Sample	e Id: 770	9453-1-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	0.110	110	0.101	101	70-130	9	35	mg/kg	08.14.2020 14:03	
Toluene	< 0.00200	0.100	0.105	105	0.0961	96	70-130	9	35	mg/kg	08.14.2020 14:03	
Ethylbenzene	< 0.00200	0.100	0.0978	98	0.0893	89	71-129	9	35	mg/kg	08.14.2020 14:03	
m,p-Xylenes	< 0.00400	0.200	0.198	99	0.181	91	70-135	9	35	mg/kg	08.14.2020 14:03	
o-Xylene	< 0.00200	0.100	0.0981	98	0.0896	90	71-133	9	35	mg/kg	08.14.2020 14:03	
Surrogate	MB %Rec	MB Flag	L/ %]	CS Rec	LCS Flag	LCSI %Re) LCSE c Flag) Li	imits	Units	Analysis Date	
1,4-Difluorobenzene	98		ç	98		98		70	-130	%	08.14.2020 14:03	
4-Bromofluorobenzene	93		ç	8		98		70	-130	%	08.14.2020 14:03	

Analytical Method:	BTEX by EPA 8021	IB						P	rep Meth	od: SW	5035A	
Seq Number:	3134693			Matrix:	Soil				Date Pr	ep: 08.1	14.2020	
Parent Sample Id:	669976-001		MS Sar	nple Id:	669976-00	01 S		MS	D Sampl	e Id: 669	976-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00199	0.0996	0.105	105	0.105	105	70-130	0	35	mg/kg	08.15.2020 01:59	
Toluene	< 0.00199	0.0996	0.100	100	0.0999	100	70-130	0	35	mg/kg	08.15.2020 01:59	
Ethylbenzene	< 0.00199	0.0996	0.0958	96	0.0926	93	71-129	3	35	mg/kg	08.15.2020 01:59	
m,p-Xylenes	< 0.00398	0.199	0.188	94	0.188	94	70-135	0	35	mg/kg	08.15.2020 01:59	
o-Xylene	< 0.00199	0.0996	0.0936	94	0.0933	94	71-133	0	35	mg/kg	08.15.2020 01:59	
Surrogate			N %	1S Rec	MS Flag	MSI %Re) MSE _C Flag) Li	imits	Units	Analysis Date	
1,4-Difluorobenzene			1	00		100)	70	-130	%	08.15.2020 01:59	
4-Bromofluorobenzene			1	01		99		70	-130	%	08.15.2020 01:59	

99

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

4-Bromofluorobenzene

[D] = 100*(C-A) / B $\begin{array}{l} \text{[D]} & = 100 \ \text{(C-E)} \ / \ (\text{C+E)} \ | \\ \text{[D]} & = 100 \ \text{*} \ (\text{C}) \ / \ [\text{B]} \\ \text{Log Diff.} & = \text{Log(Sample Duplicate)} \ \text{-} \ \text{Log(Original Sample)} \end{array}$ 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 18 of 20

101

70-130

%

Relinquished by: (Signature)	At the function of the second	Relinquished by: (Signature)		ordice: signature or this document and relinque of service. Xenco will be liable only for the co. If Xenco. A minimum charge of \$75.00 will be	Total 200.7 / 6010 200.8 / Circle Method(s) and Metal(s)			SS05	SS04	SS03	SS02	SS01	Sample Identification	Sample Custody Seals: Yes	Cooler Custody Seals: Yes h	Received Intact: (Neg	Temperature (°C):	SAMPLE RECEIPT Te	Sampler's Name:	PO#	Project Number:	Project Name:	Phone: (432) 236-384	City, State ZIP: Midland, TX 7	Address: 3300 North A	Company Name: LT Environme	Project Manager: Dan Moir	
		White	Rece	st of samples and sh applied to each proje	6020: to be analyzed			S 08/12	S 08/12	S 08/1;	S 08/1:	S 08/1:	Matrix Da	N/A Total	N/A Correct	No	14.6	amp Blank: Yes	Fatima Smith		012920120	PLU 89	61	79705	Street	ental, Inc., Perm		
/	Y	A MY	ived by; (Signatu	constitutes a valid pure all not assume any res ect and a charge of \$5	8RCRA 13PPI TCLP / SPL			2/20 11:47	2/20 11:41	2/20 11:32	2/20 11:24	2/20 11:17	ite Time pled Sampled	Containers:	ction Factor:	TNMO	Thermometer	No Wet Ice:	Due	Rust	Rout	п	Email			ian Office		
		0	re)	chase order from cli ponsibility for any lo for each sample sub	M Texas 11 /			0.5'	0.5'	0.5'	0.5'	0.5'	Depth	~	-0.2	07	.0	(Yes) No	Date:	π	ine: U	Irn Around	fsmith@ltenv.	City, State ZIP:	Address:	Company Name	Bill to: (if different	
	1	11:12	Date	sses or ex mitted to)	AI Sh /	-		1 ×	1 ×	1 ×	1 X	1 X	Numbe	r of A 80	Cor (15)	tair	iers			-	-		com, dr	Ca	310	e: XT	Kyl	
		0000	e/Time	ny to Xen (penses in Kenco, but	As Ba As Ba			×	×	×	×	×	BTEX (E	PA	0=80	21)							noir@lt	rlsbad, N	04 E Gre	O Energ	e Littrell	
	4	in 2 M	Relir	co, its affiliates an curred by the clie t not analyzed. Th	Be B Cd Ca Be Cd Cr			×	×	×	X	×	Chloride	e (EP	A 30	0.0)							env.com	IM 88220	ene St	y, Inc.		and for the second
	/	Listel	quished by:	d subcontractor nt if such losses ese terms will be	a Cr Co Cu Co Cu Pb																	ANALYSI						
			(Signature)	s. It assigns star are due to circur enforced unless	Mn Mo Ni S									_	_	_	-					S REQUEST	De	Re		Pr		
		\cap		ndard term mstances l previously	Se Ag									-	-		-	-					liverable	porting:L	State of	ogram:		
		()	Receive	is and con beyond the regotiate																			s: EDD	evel I	Project	USTIPS		
	7	0	ed by: (ditions control d.	Se Ag		-	-		1		-		_	_	-		-		-				Level			Worl	WWW.X6
			Signatu		1 SiO2							-		-	-	-		-	-	-			ADal	D PS		Brov	k Order	enco.co
		~	re)	6	Na Sr TI 31 / 245.1								San	lab, it	TAT clart							Wo	PT D	T/US TF		vnfields R	Commen	B
	1.1	11-11 OZ/EI/S	Date/Time		Sn U V Zn 17470 17471 : Hg								ple Comments	received by 4:30pm	the day received by the							rk Order Notes	Other:			RC Superfund	s	Page 1 of 1



Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334 Chain of Custody

Work Order No: 669782

Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701

Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature Range: 0 - 6 degC							
Date/ Time Received: 08.13.2020 11.45.00 AM	Air and Metal sa	mples A	cceptable Range: Ambient					
Work Order #: 669982	Temperature Measuring device used : T-NM-007							
Sample Rec	eipt Checklist		Comments					
#1 *Temperature of cooler(s)?		2.4						
#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	Received in proper 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: Cloe Clifton Checklist reviewed by: Jessica Kramer

Date: 08.13.2020

At	A.L.	

Date: 08.14.2020

Project Id:

Contact:

eurofins Environment Testing

012920120

Dan Moir

Certificate of Analysis Summary 670438

LT Environmental, Inc., Arvada, CO

Project Name: PLU 89

Eddy County Project Manager: Jessica Kramer **Project Location:** Lab Id: 670438-001 670438-002 670438-003 670438-004 670438-005 670438-006 Field Id: FS01 FS02 FS03 FS04 FS05 FS06 Analysis Requested Depth: 1- ft 1- ft 1- ft 1- ft 1- ft 1- ft Matrix: SOIL SOIL SOIL SOIL SOIL SOIL Sampled: 08.19.2020 10:29 08.19.2020 10:27 08.19.2020 10:38 08.19.2020 10:40 08.19.2020 10:51 08.19.2020 10:57 BTEX by EPA 8021B 08.19.2020 16:00 08.19.2020 16:00 08.19.2020 16:00 08.19.2020 16:00 Extracted: 08.19.2020 16:00 08.19.2020 16:00 08.19.2020 23:01 Analyzed: 08.19.2020 22:00 08.19.2020 22:20 08.19.2020 22:41 08.19.2020 23:21 08.20.2020 00:37 RL mg/kg RL RL RL RL RL Units/RL: mg/kg mg/kg mg/kg mg/kg mg/kg < 0.00198 < 0.00199 0.00199 < 0.00200 0.00200 < 0.00202 0.00202 < 0.00200 0.00200 0.00198 < 0.00200 0.00200 Benzene 0.00200 < 0.00198 0.00198 < 0.00199 0.00199 < 0.00200 0.00200 < 0.00200 0.00200 < 0.00202 0.00202 Toluene < 0.00200 < 0.00198 < 0.00200 0.00200 0.00198 < 0.00199 0.00199 < 0.00200 0.00200 < 0.00200 0.00200 < 0.00202 0.00202 Ethylbenzene 0.00401 < 0.00396 0.00396 < 0.00398 0.00398 < 0.00399 0.00399 < 0.00399 0.00399 < 0.00404 0.00404 < 0.00401 m,p-Xylenes < 0.00200 0.00200 < 0.00202 0.00202 o-Xylene < 0.00200 0.00200 < 0.00198 0.00198 < 0.00199 0.00199 0.00200 < 0.00200 0.00200 0.00198 0.00199 < 0.00200 0.00200 < 0.00200 0.00200 < 0.00202 0.00202 < 0.00200 < 0.00198 < 0.00199 Total Xylenes Total BTEX < 0.00200 0.00200 < 0.00198 0.00198 < 0.00199 0.00199 < 0.00200 0.00200 < 0.00200 0.00200 < 0.00202 0.00202 Chloride by EPA 300 Extracted: 08.19.2020 16:31 08.19.2020 16:31 08.19.2020 16:31 08.19.2020 16:31 08.19.2020 16:31 08.19.2020 16:31 08.19.2020 21:11 08.19.2020 21:28 08.19.2020 21:34 08.19.2020 21:50 08.19.2020 21:56 08.19.2020 22:02 Analyzed: RL RL RL RL RL RL Units/RL: mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg Chloride 190 9.96 187 10.0 184 9.92 19.9 9.96 51.7 9.96 141 9.94 TPH by SW8015 Mod Extracted: 08.19.2020 16:15 08.19.2020 16:15 08.19.2020 16:15 08.19.2020 16:15 08.19.2020 16:15 08.19.2020 16:15 Analyzed: 08.19.2020 16:38 08.19.2020 16:58 08.19.2020 17:19 08.19.2020 17:39 08.19.2020 17:59 08.19.2020 18:19 mg/kg RL mg/kg RL mg/kg RL RL mg/kg RL mg/kg RL Units/RL: mg/kg Gasoline Range Hydrocarbons (GRO) < 50.2 50.2 < 50.0 50.0 <49.9 49.9 < 50.3 50.3 < 50.2 50.2 < 50.150.1 <50.2 Diesel Range Organics (DRO) 50.2 < 50.0 50.0 <49.9 49.9 < 50.3 50.3 < 50.2 50.2 < 50.1 50.1 Motor Oil Range Hydrocarbons (MRO) < 50.2 50.2 < 50.0 50.0 <49.9 49.9 <50.3 50.3 < 50.2 50.2 < 50.1 50.1 Total GRO-DRO < 50.2 50.2 < 50.0 50.0 <49.9 49.9 <50.3 50.3 < 50.2 50.2 < 50.1 50.1 Total TPH <50.2 50.2 <50.3 <50.2 < 50.0 50.0 <49.9 49.9 50.3 50.2 < 50.1 50.1

BRL - Below Reporting Limit

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

Jession Vermer

Date Received in Lab: Wed 08.19.2020 13:29

Report Date: 08.21.2020 17:52

Page 1 of 25

Project Id:

Project Location:

Contact:

Г

eurofins Environment Testing Xenco

> 012920120 Dan Moir

Eddy County

Certificate of Analysis Summary 670438

LT Environmental, Inc., Arvada, CO

Project Name: PLU 89

Date Received in Lab:Wed 08.19.2020 13:29Report Date:08.21.2020 17:52Project Manager:Jessica Kramer

	Lab Id:	670438-007			
Analysis Requested	Field Id:	PH01			
Thurysis Requested	Depth:	1- ft			
	Matrix:	SOIL			
	Sampled:	08.19.2020 09:34			
BTEX by EPA 8021B	Extracted:	08.19.2020 16:00			
	Analyzed:	08.20.2020 00:58			
	Units/RL:	mg/kg RL			
Benzene		<0.00200 0.00200			
Toluene		<0.00200 0.00200			
Ethylbenzene		<0.00200 0.00200			
m,p-Xylenes		<0.00400 0.00400			
o-Xylene		<0.00200 0.00200			
Total Xylenes		<0.00200 0.00200			
Total BTEX		<0.00200 0.00200			
Chloride by EPA 300	Extracted:	08.19.2020 16:31			
	Analyzed:	08.19.2020 22:07			
	Units/RL:	mg/kg RL			
Chloride		180 9.90			
TPH by SW8015 Mod	Extracted:	08.19.2020 16:15			
	Analyzed:	08.19.2020 18:39			
	Units/RL:	mg/kg RL			
Gasoline Range Hydrocarbons (GRO)		<50.2 50.2			
Diesel Range Organics (DRO)		<50.2 50.2			
Motor Oil Range Hydrocarbons (MRO)		<50.2 50.2			
Total GRO-DRO		<50.2 50.2			
Total TPH		<50.2 50.2			

BRL - Below Reporting Limit

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

Jession Vramer

Page 2 of 25

eurofins Environment Testing Xenco

Analytical Report 670438

for

LT Environmental, Inc.

Project Manager: Dan Moir

PLU 89

012920120

08.21.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-37), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2019-058), 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)

Page 89 of 140

08.21.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 670438 PLU 89 Project Address: Eddy County

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) 670438. 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. 670438 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

Page 4 of 25

eurofins Environment Testing Xenco

Sample Cross Reference 670438

PLU 89

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
FS01	S	08.19.2020 10:27	1 ft	670438-001
FS02	S	08.19.2020 10:29	1 ft	670438-002
FS03	S	08.19.2020 10:38	1 ft	670438-003
FS04	S	08.19.2020 10:40	1 ft	670438-004
FS05	S	08.19.2020 10:51	1 ft	670438-005
FS06	S	08.19.2020 10:57	1 ft	670438-006
PH01	S	08.19.2020 09:34	1 ft	670438-007

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: PLU 89

 Project ID:
 012920120

 Work Order Number(s):
 670438

 Report Date:
 08.21.2020

 Date Received:
 08.19.2020

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Environment Testi Xenco

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: FS01 Lab Sample Id: 670438-001		Matrix: Date Co	Soil llected: 08.19	9.2020 10:27		Date Received:08.1 Sample Depth: 1 ft	19.2020 13:	29
Analytical Method: Chloride	e by EPA 300					Prep Method: E30	0P	
Analyst: MAB		Data Dua		0 2020 16.21		Basis: Wat	Woight	
Seq Number: 3135047		Date Pre	p: 08.1	9.2020 10:51		Basis. We	t weight	
Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	190	9.96		mg/kg	08.19.2020 21:11		1
Analytical Method:TPH byTech:DTHAnalyst:DTHSeq Number:3135008	SW8015 Mod	Date Pre	p: 08.19	9.2020 16:15		Prep Method: SW % Moisture: Basis: Wet	8015P t Weight	
Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (Gl	RO) PHC610	<50.2	50.2		mg/kg	08.19.2020 16:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.2	50.2		mg/kg	08.19.2020 16:38	U	1
Motor Oil Range Hydrocarbons (MRO) PHCG2835	<50.2	50.2		mg/kg	08.19.2020 16:38	U	1
Total GRO-DRO	PHC628	<50.2	50.2		mg/kg	08.19.2020 16:38	U	1
Total TPH	PHC635	<50.2	50.2		mg/kg	08.19.2020 16:38	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	95	%	70-135	08.19.2020 16:38	3	
o-Terphenyl		84-15-1	89	%	70-135	08.19.2020 16:38	3	

eurofins Environment Testing Xenco

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id:	FS01		Matrix:	Soil	Date Receive	ed:08.19.2020 13:29
Lab Sample Id	l: 670438-001		Date Collected	1:08.19.2020 10:27	Sample Dept	h: 1 ft
Analytical Me	ethod: BTEX by EPA 802	1B			Prep Method	: SW5035A
Tech:	MAB				% Moisture:	
Analyst:	MAB		Date Prep:	08.19.2020 16:00	Basis:	Wet Weight
Seq Number:	3135050					
Donomotor		Cog Number	Decult DI	T	····	

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.19.2020 22:00	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.19.2020 22:00	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.19.2020 22:00	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	08.19.2020 22:00	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.19.2020 22:00	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.19.2020 22:00	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.19.2020 22:00	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	106	%	70-130	08.19.2020 22:00		
1,4-Difluorobenzene		540-36-3	106	%	70-130	08.19.2020 22:00		

eurofins Environment Testing Xenco

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: FS02		Matrix:	Soil			Date Received:08.1	9.2020 13:	29
Lab Sample Id: 670438-002		Date Co	llected: 08.19	9.2020 10:29		Sample Depth: 1 ft		
Analytical Method: Chloride by El	PA 300					Prep Method: E30	0P	
Tech: MAB						% Moisture:		
Analyst: MAB		Date Pre	p: 08.19	9.2020 16:31		Basis: Wet	Weight	
Seq Number: 3135047								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	187	10.0		mg/kg	08.19.2020 21:28		1
Analytical Method:TPH by SW80Tech:DTHAnalyst:DTHSeq Number:3135008	15 Mod	Date Pre	ep: 08.19	9.2020 16:15		Prep Method: SW8 % Moisture: Basis: Wet	8015P Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0		mg/kg	08.19.2020 16:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0		mg/kg	08.19.2020 16:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0		mg/kg	08.19.2020 16:58	U	1
Total GRO-DRO	PHC628	<50.0	50.0		mg/kg	08.19.2020 16:58	U	1
Total TPH	PHC635	<50.0	50.0		mg/kg	08.19.2020 16:58	U	1
Surrogate	(Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	1	111-85-3	92	%	70-135	08.19.2020 16:58		
o-Terphenyl	8	34-15-1	88	%	70-135	08.19.2020 16:58		

eurofins Environment Testing Xenco

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id:	FS02		Matrix:	Soil	Date Receive	d:08.19.2020 13	:29	
Lab Sample I	Lab Sample Id: 670438-002			1:08.19.2020 10:29	Sample Depth: 1 ft			
Analytical Me	ethod: BTEX by EPA 802	21B			Prep Method:	SW5035A		
Tech:	MAB				% Moisture:			
Analyst:	MAB		Date Prep:	08.19.2020 16:00	Basis:	Wet Weight		
Seq Number:	3135050							
Paramotor		Cas Number	Result DI	T	nita Analysia D	ata Flag	ъя	

r ar anneter	Cas Nullibe	i Kesult	KL		Units	Analysis Date	riag	DII
Benzene	71-43-2	< 0.00198	3 0.00198		mg/kg	08.19.2020 22:20	U	1
Toluene	108-88-3	< 0.00198	8 0.00198		mg/kg	08.19.2020 22:20	U	1
Ethylbenzene	100-41-4	< 0.00198	8 0.00198		mg/kg	08.19.2020 22:20	U	1
m,p-Xylenes	179601-23-1	< 0.00396	5 0.00396		mg/kg	08.19.2020 22:20	U	1
o-Xylene	95-47-6	< 0.00198	8 0.00198		mg/kg	08.19.2020 22:20	U	1
Total Xylenes	1330-20-7	< 0.00198	3 0.00198		mg/kg	08.19.2020 22:20	U	1
Total BTEX		< 0.00198	3 0.00198		mg/kg	08.19.2020 22:20	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	106	%	70-130	08.19.2020 22:20		
1,4-Difluorobenzene		540-36-3	103	%	70-130	08.19.2020 22:20		

🔅 eurofins Environment Testing

Xenco

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: FS03		Matrix:	Soil			Date Received:08.19	9.2020 13:	29
Lab Sample Id: 670438-003		Date Co	ollected: 08.1	9.2020 10:38		Sample Depth: 1 ft		
Analytical Method: Chloride by EP	PA 300					Prep Method: E300	P	
Tech: MAB						% Moisture:		
Analyst: MAB		Date Pro	ep: 08.1	9.2020 16:31		Basis: Wet	Weight	
Seq Number: 3135047								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	184	9.92		mg/kg	08.19.2020 21:34		1
Analytical Method:TPH by SW80Tech:DTHAnalyst:DTHSeq Number:3135008	15 Mod	Date Pro	ep: 08.1	9.2020 16:15		Prep Method: SW8 % Moisture: Basis: Wet	015P Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9		mg/kg	08.19.2020 17:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9		mg/kg	08.19.2020 17:19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9		mg/kg	08.19.2020 17:19	U	1
Total GRO-DRO	PHC628	<49.9	49.9		mg/kg	08.19.2020 17:19	U	1
Total TPH	PHC635	<49.9	49.9		mg/kg	08.19.2020 17:19	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	91	%	70-135	08.19.2020 17:19		
o-Terphenyl		84-15-1	87	%	70-135	08.19.2020 17:19		

eurofins Environment Testing Xenco

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id:	FS03		Matrix:	Soil	Date Receive	d:08.19.2020 13	:29	
Lab Sample I	Lab Sample Id: 670438-003			1:08.19.2020 10:38	Sample Depth: 1 ft			
Analytical Me	ethod: BTEX by EPA 802	21B			Prep Method:	SW5035A		
Tech:	MAB				% Moisture:			
Analyst:	MAB		Date Prep:	08.19.2020 16:00	Basis:	Wet Weight		
Seq Number:	3135050							
Paramotor		Cas Number	Result DI	I.	ita Analysia D	ata Flag	ъя	

r ar ameter	Cas Nullibe	i Kesuit	KL		Units	Analysis Date	Flag	DII
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	08.19.2020 22:41	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	08.19.2020 22:41	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	08.19.2020 22:41	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	08.19.2020 22:41	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	08.19.2020 22:41	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	08.19.2020 22:41	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	08.19.2020 22:41	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	106	%	70-130	08.19.2020 22:41		
1,4-Difluorobenzene		540-36-3	99	%	70-130	08.19.2020 22:41		

Environment Testin Xenco

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: I Lab Sample Id: (FS04 670438-004		Matrix Date C	: Soil	19.2020 10:40		Date Received:08.1 Sample Depth: 1 ft	9.2020 13:	29
Analytical Metho	od: Chloride by EPA	. 300					Prep Method: E30	0P	
Tech: M	ЛАВ						% Moisture:		
Analyst: N	ЛАВ		Date P	rep: 08.	19.2020 16:31		Basis: Wet	Weight	
Seq Number: 3	135047								
Parameter		Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	19.9	9.96		mg/kg	08.19.2020 21:50		1
Analytical Metho Tech: D Analyst: D Seq Number: 3	od: TPH by SW8015 OTH OTH 135008	5 Mod	Date P	rep: 08.3	19.2020 16:15		Prep Method: SW8 % Moisture: Basis: Wet	8015P Weight	
Parameter		Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hyd	drocarbons (GRO)	PHC610	<50.3	50.3		mg/kg	08.19.2020 17:39	U	1
Diesel Range Organ	nics (DRO)	C10C28DRO	<50.3	50.3		mg/kg	08.19.2020 17:39	U	1
Motor Oil Range Hydr	rocarbons (MRO)	PHCG2835	<50.3	50.3		mg/kg	08.19.2020 17:39	U	1
Total GRO-DRO		PHC628	<50.3	50.3		mg/kg	08.19.2020 17:39	U	1
Total TPH		PHC635	<50.3	50.3		mg/kg	08.19.2020 17:39	U	1
Surrogate			Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctan	ne		111-85-3	90	%	70-135	08.19.2020 17:39	1	
o-Terphenyl			84-15-1	87	%	70-135	08.19.2020 17:39	1	

eurofins Environment Testing Xenco

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id:	FS04		Matrix:	Soil	Date Receive	d:08.19.2020 13	:29		
Lab Sample I	Lab Sample Id: 670438-004			1:08.19.2020 10:40	Sample Deptl	Sample Depth: 1 ft			
Analytical Me	ethod: BTEX by EPA 802	21B			Prep Method:	SW5035A			
Tech:	MAB				% Moisture:				
Analyst:	MAB		Date Prep:	08.19.2020 16:00	Basis:	Wet Weight			
Seq Number:	3135050								
Paramotor		Cas Number	Result DI	T	nita Analysia D	lata Elag	ъя		

rarameter	Cas Nullibe	er Kesun	KL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.19.2020 23:01	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.19.2020 23:01	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.19.2020 23:01	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	08.19.2020 23:01	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.19.2020 23:01	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.19.2020 23:01	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.19.2020 23:01	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	103	%	70-130	08.19.2020 23:01		
4-Bromofluorobenzene		460-00-4	103	%	70-130	08.19.2020 23:01		

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: FS05 Lab Sample Id: 670438-005		Matrix: Date Co	Soil llected: 08.19	9.2020 10:51		Date Received:08.1 Sample Depth: 1 ft	19.2020 13:	29
Analytical Method: Chloride by EF	PA 300					Prep Method: E30	OP	
A malante MAD			00.10	0000 16 21		% Moisture.	W/-:-1-4	
Seq Number: 3135047		Date Pre	ep: 08.19	9.2020 16:31		Basis: we	tweight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	51.7	9.96		mg/kg	08.19.2020 21:56		1
Analytical Method:TPH by SW80Tech:DTHAnalyst:DTHSeq Number:3135008	15 Mod	Date Pre	ep: 08.19	9.2020 16:15		Prep Method: SW % Moisture: Basis: Wet	8015P t Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.2	50.2		mg/kg	08.19.2020 17:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.2	50.2		mg/kg	08.19.2020 17:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.2	50.2		mg/kg	08.19.2020 17:59	U	1
Total GRO-DRO	PHC628	<50.2	50.2		mg/kg	08.19.2020 17:59	U	1
Total TPH	PHC635	<50.2	50.2		mg/kg	08.19.2020 17:59	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	95	%	70-135	08.19.2020 17:59)	
o-Terphenyl		84-15-1	89	%	70-135	08.19.2020 17:59)	

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: Lab Sample Id	Sample Id:FS05Lab Sample Id:670438-005			Soil l: 08.19.2020 10:51	Date Receive Sample Dept	Date Received:08.19.2020 13:29 Sample Depth: 1 ft			
Analytical Me Tech:	ethod: BTEX by EPA 802 MAB	21B			Prep Method % Moisture:	: SW5035A			
Analyst: Seq Number:	MAB 3135050		Date Prep:	08.19.2020 16:00	Basis:	Wet Weight			
Daramatar		Cas Number	Result DI	Ţ	Inita Analysia I	lata Elaz	Di		

Parameter	Cas Numbe	er Kesult	KL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.19.2020 23:21	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.19.2020 23:21	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.19.2020 23:21	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	08.19.2020 23:21	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.19.2020 23:21	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.19.2020 23:21	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.19.2020 23:21	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	103	%	70-130	08.19.2020 23:21		
4-Bromofluorobenzene		460-00-4	103	%	70-130	08.19.2020 23:21		

eurofins Environment Testing Xenco

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: FS06		Matrix:	Soil			Date Received:08.19.2020 13:29			
Lab Sample Id: 670438-006		Date Co	llected: 08.19	9.2020 10:57		Sample Depth: 1 ft			
Analytical Method: Chloride by EF	PA 300					Prep Method: E300)P		
Tech: MAB						% Moisture:			
Analyst: MAB		Date Pro	ep: 08.19	9.2020 16:31		Basis: Wet	Weight		
Seq Number: 3135047									
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil	
Chloride	16887-00-6	141	9.94		mg/kg	08.19.2020 22:02		1	
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH Seq Number: 3135008	15 Mod	Date Pre	ep: 08.19	9.2020 16:15		Prep Method: SW8 % Moisture: Basis: Wet	015P Weight		
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil	
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.1	50.1		mg/kg	08.19.2020 18:19	U	1	
Diesel Range Organics (DRO)	C10C28DRO	<50.1	50.1		mg/kg	08.19.2020 18:19	U	1	
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.1	50.1		mg/kg	08.19.2020 18:19	U	1	
Total GRO-DRO	PHC628	<50.1	50.1		mg/kg	08.19.2020 18:19	U	1	
Total TPH	PHC635	< 50.1	50.1		mg/kg	08.19.2020 18:19	U	1	
Surrogate	(Cas Number	% Recovery	Units	Limits	Analysis Date	Flag		
1-Chlorooctane	1	111-85-3	96	%	70-135	08.19.2020 18:19			
o Tornhonyl	s	24 15 1	02	0/2	70 135	08 19 2020 18:19			

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: Lab Sample Id	FS06 d: 670438-006		Matrix: Date Collecte	Soil d: 08.19.2020 10:57	Date Received:08.19.2020 13:29 Sample Depth: 1 ft					
Analytical Me Tech:	ethod: BTEX by EPA 802 MAB	1B			Prep Method % Moisture:	: SW5035A				
Analyst:	MAB		Date Prep:	08.19.2020 16:00	Basis:	Wet Weight				
Seq Number:	3135050									
Donomotor		Cag Number	Dogult DI		· · · · · · · · · · · · · · · · · · ·					

Parameter	Cas Numbe	r Result	RL	RL		Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	08.20.2020 00:37	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	08.20.2020 00:37	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202	0.00202		08.20.2020 00:37	U	1
m,p-Xylenes	179601-23-1	< 0.00404	0.00404		mg/kg	08.20.2020 00:37	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	08.20.2020 00:37	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	08.20.2020 00:37	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	08.20.2020 00:37	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	101	%	70-130	08.20.2020 00:37		
4-Bromofluorobenzene		460-00-4	110	%	70-130	08.20.2020 00:37		

eurofins Environment Testing Xenco

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: PH01 Lab Sample Id: 670438-007		Matrix: Date Co	Soil Ilected: 08.19	9.2020 09:34		Date Received:08.19.2020 13:29 Sample Depth: 1 ft				
Analytical Method: Chloride by	EPA 300					Prep Method: E30	0P			
Tech: MAB						% Moisture:				
Analyst: MAB		Date Pre	ep: 08.19	9.2020 16:31		Basis: Wet	t Weight			
Seq Number: 3135047										
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil		
Chloride	16887-00-6	180	9.90		mg/kg	08.19.2020 22:07		1		
Analytical Method:TPH by SWTech:DTHAnalyst:DTHSeq Number:3135008	8015 Mod	Date Pro	ep: 08.19	9.2020 16:15		Prep Method: SW % Moisture: Basis: Wet	8015P t Weight			
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil		
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.2	50.2		mg/kg	08.19.2020 18:39	U	1		
Diesel Range Organics (DRO)	C10C28DRO	<50.2	50.2		mg/kg	08.19.2020 18:39	U	1		
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.2	50.2		mg/kg	08.19.2020 18:39	U	1		
Total GRO-DRO	PHC628	<50.2	50.2		mg/kg	08.19.2020 18:39	U	1		
Total TPH	PHC635	<50.2	50.2		mg/kg	08.19.2020 18:39	U	1		
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag			
1-Chlorooctane		111-85-3	95	%	70-135	08.19.2020 18:39)			
o-Terphenyl		84-15-1	91	%	70-135	08.19.2020 18:39)			

Certificate of Analytical Results 670438

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id:	PH01		Matrix:	Soil	D	Date Received	:08.19.2020 13	3:29
Lab Sample I	Lab Sample Id: 670438-007			d: 08.19.2020 09:34	S	ample Depth	: 1 ft	
Analytical Me	ethod: BTEX by EPA 802	21B			Р	rep Method:	SW5035A	
Tech:	MAB				%	6 Moisture:		
Analyst:	MAB		Date Prep:	08.19.2020 16:00	В	Basis:	Wet Weight	
Seq Number:	3135050							
Paramotor		Cas Number	Recult DI		Unita	Analysis Da	to Flog	D:

Parameter	Cas Numbe	r Kesun	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.20.2020 00:58	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.20.2020 00:58	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.20.2020 00:58	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	08.20.2020 00:58	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.20.2020 00:58	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.20.2020 00:58	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.20.2020 00:58	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	100	%	70-130	08.20.2020 00:58		
1,4-Difluorobenzene		540-36-3	102	%	70-130	08.20.2020 00:58		

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	n
DL	Method Detection Limit				
NC	Non-Calculable				
SMP	Client Sample		BLK	Method Blank	
BKS/I	LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labor	catory Control Sample Duplicate
MD/S	D 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 670438

LT Environmental, Inc.

PLU 89

Analytical Method: Seq Number: MB Sample Id:	Chloride by 3135047 7709778-1- I	Chloride by EPA 300 135047 709778-1-BLK MB Spike			Matrix: LCS Sample Id:		Solid : 7709778-1-BKS		Prep Method: Date Prep: LCSD Sample Id:		od: E30 ep: 08.1 e Id: 770	E300P 08.19.2020 7709778-1-BSD	
Parameter		MB	Spike	LCS Besult	LCS	LCSD Boggett	LCSD	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		<10.0	250 250	265	106	Result 269	% кес 108	90-110	1	20	mg/kg	08.19.2020 19:42	
Analytical Method: Seq Number:	Chloride by 3135047	7 EPA 30	0] MS San	Matrix:	Soil	15 8		Pr	ep Metho Date Pro	od: E30 ep: 08.1	0P 9.2020 385 015 SD	
Parameter	070383-013	Parent	Spike	MS San MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		<9.96	Amount 199	205	%Rec 103	Result 205	%Rec 103	90-110	0	20	mg/kg	08.19.2020 19:59	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by 3135047 670438-001	7 EPA 30	0] MS San	Matrix:	Soil 670438-00)1 S		Pr MSI	ep Metho Date Pro D Sample	od: E30 ep: 08.1 e Id: 670	0P 9.2020 438-001 SD	
Parameter	070120 001	Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		Result 190	Amount 200	Result 393	%Rec 102	Result 392	%Rec 101	90-110	0	20	mg/kg	Date 08.19.2020 21:17	-
Analytical Method: Seq Number: MB Sample Id:	TPH by SW 3135008 7709750-1-1	/8015 M	od	LCS San	Matrix:	Solid 7709750-1	I-BKS		Pr LCSI	ep Metho Date Pro Sample	od: SW3 ep: 08.1	8015P .9.2020 9750-1-BSD	
Parameter	1109150-1-1	MB Result	Spike Amount	LCS Sum LCS Result		LCSD		Limits	%RPD	RPD Limit	Units	Analysis	Flag
Gasoline Range Hydrocarbo Diesel Range Organics (ons (GRO) DRO)	<50.0 <50.0	1000 1000	908 915	91 92	907 931	91 93	70-135 70-135	0 2	35 35	mg/kg mg/kg	08.19.2020 10:52 08.19.2020 10:52	
Surrogate		MB %Rec	MB Flag	L0 %]	CS Rec	LCS Flag	LCSI %Re) LCS : Flag	D Li	mits	Units	Analysis Date	
1-Chlorooctane o-Terphenyl		96 92		1 1	18 04		116 103		70- 70-	-135 -135	% %	08.19.2020 10:52 08.19.2020 10:52	
Analytical Method: Seq Number:	TPH by SW 3135008	/8015 M	bd] MB San	Matrix: 1ple Id:	Solid 7709750-1	I-BLK		Pr	ep Metho Date Pro	od: SW ep: 08.1	8015P 9.2020	
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocarb	oons (MRO)			<50.0							mg/kg	08.19.2020 10:32	

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

.

. Released to Imaging: 3/31/2021 1:45:13 PM

Page 22 of 25

Final 1.000

QC Summary 670438

eurofins Environment Testing Xenco

LT Environmental, Inc.

PLU 89

Analytical Method:	TPH by SW	/8015 M	od						Pı	rep Meth	od: SW	8015P	
Seq Number:	3135008				Matrix:	Soil				Date Pr	ep: 08.1	9.2020	
Parent Sample Id:	670382-001			MS Sar	nple Id:	670382-00	01 S		MS	D Sample	e Id: 670	382-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ons (GRO)	<49.9	998	905	91	913	91	70-135	1	35	mg/kg	08.19.2020 11:53	
Diesel Range Organics (DRO)	<49.9	998	925	93	936	94	70-135	1	35	mg/kg	08.19.2020 11:53	
Surrogate				N %]	1S Rec	MS Flag	MSD %Red	o MSE c Flag) Li g	imits	Units	Analysis Date	
1-Chlorooctane				1	09		108		70	-135	%	08.19.2020 11:53	
o-Terphenyl				9	95		96		70	-135	%	08.19.2020 11:53	

Analytical Method:	BTEX by EPA 8021	B			Prep Method: SW5035A							
Seq Number:	3135050]	Matrix:	Solid				Date Pr	ep: 08.1	9.2020	
MB Sample Id:	7709774-1-BLK		LCS San	nple Id:	7709774-1	I-BKS		LCS	D Sampl	e Id: 770	9774-1-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	0.0945	95	0.0997	100	70-130	5	35	mg/kg	08.19.2020 17:11	
Toluene	< 0.00200	0.100	0.0893	89	0.0930	93	70-130	4	35	mg/kg	08.19.2020 17:11	
Ethylbenzene	< 0.00200	0.100	0.0957	96	0.0969	97	71-129	1	35	mg/kg	08.19.2020 17:11	
m,p-Xylenes	< 0.00400	0.200	0.193	97	0.196	98	70-135	2	35	mg/kg	08.19.2020 17:11	
o-Xylene	< 0.00200	0.100	0.0963	96	0.0963	96	71-133	0	35	mg/kg	08.19.2020 17:11	
Surrogate	MB %Rec	MB Flag	L0 %]	CS Rec	LCS Flag	LCSI %Re) LCSI c Flag		imits	Units	Analysis Date	
1,4-Difluorobenzene	92		9	07		101		70	-130	%	08.19.2020 17:11	
4-Bromofluorobenzene	106		9	9		100		70	-130	%	08.19.2020 17:11	

Analytical Method:	BTEX by EPA 8021	B						Pi	rep Meth	od: SW	5035A	
Seq Number:	3135050]	Matrix:	Soil				Date Pr	rep: 08.1	19.2020	
Parent Sample Id:	670385-015		MS San	nple Id:	670385-01	15 S		MS	D Sampl	e Id: 670	385-015 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	0.101	101	0.105	105	70-130	4	35	mg/kg	08.19.2020 17:52	
Toluene	< 0.00200	0.0998	0.0872	87	0.0993	99	70-130	13	35	mg/kg	08.19.2020 17:52	
Ethylbenzene	< 0.00200	0.0998	0.0871	87	0.103	103	71-129	17	35	mg/kg	08.19.2020 17:52	
m,p-Xylenes	< 0.00399	0.200	0.174	87	0.204	102	70-135	16	35	mg/kg	08.19.2020 17:52	
o-Xylene	< 0.00200	0.0998	0.0859	86	0.101	101	71-133	16	35	mg/kg	08.19.2020 17:52	
Surrogate			M %1	IS Rec	MS Flag	MSI %Re) MSI c Flag) Li g	imits	Units	Analysis Date	

Surrogate	%Rec	Flag	%Rec	Flag		Date
1,4-Difluorobenzene	98		101	70-130	%	08.19.2020 17:52
4-Bromofluorobenzene	100		100	70-130	%	08.19.2020 17:52

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 23 of 25

Final 1.000
Final 1.000

40

Address: 3300 Morth City, State ZIP: Midland TX Phone: Project Name: PLU 69 Project Number: 01292012 Project Location Eddy County Sampler's Name: Eathma Smith Po #: Eathma Smith Sample Custody Seals: Yes No Cooler Custody Seals: Yes No Sample Custody Seals: Yes No Sample Custody Seals: Yes No Sample Custody Seals: Yes No Cooler Custody Seals: Yes No Sample Custody Seals: Yes No Cooler Custody Seals: Yes No Cooler Custody Seals: Yes No Cooler Custody Seals: Yes No Cooler Custody Seals: Yes No Na Total 200.7 / 6010 200.8 / 6020: Circle Method(S) and Metal(S) to be Notice: Signature of this document and relinguishment of Xenco. A minimum charge of \$75.00 will be applied to Address Son Son will be in the cost of samp of Xenco. A minimum charge of \$75.00 will be applied to Address Son Son will be applied to Address Son Son will be applied to the cost of samp of Xenco. A minimum charge of \$75.00 will be applied to Address Son Son will be applied to the cost of samp of Xenco. A minimum charge of \$75.00 will be applied to Address Son Son Will be applied to the cost of samp Address Son Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp Address Son Will be applied to the cost of samp	A Street control of the sampled sampled samples constitutes a valid purchase order foolds and a charge of 55 for each sampled sampled sampled sampled constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and a charge of 55 for each samples constitutes a valid purchase order foolds and a charge of 55 for each samples constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes and a charge of 55 for each sample assume any responsibility for a constitutes a valid purchase order foolds and shall not assume any responsibility for a constitutes and charge of 55 for each sample assume any responsibility for a	Address: 3(104 E Groone S ity, State ZIP: (articlond, Nn1 60 ord) Press: 3(104 E Groone S and Press: 3(104 E Groone S and Press: 3(104 E Groone S and Press: 3(104 E Groone S Number of Containers Number of Containe	AMALYSIS REQUEST AMALYSIS REQUEST AMALYSIS REQUEST Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Pb Mn Mo Ni Se Ag TI U cors. It assigns standard terms and conditions ses are due to circumstances beyond the control the enforced unless previously negotiated. Neceive	st PRP Brownfields RF ct: ADaPT 0 ADaPT 0 Pres MeOH: Me None: NO HNO3: HN H2S04: H2 HCL: HL NaOH: Na Zn Acetate+ TAT starts the reo Sam Ag SiO2 Na Sr TI Sn U 1631/245.1/
Project Manager: Dan II loin		11 to: (It different) Kyle Liffrell		Work Order Comment
Company Name: UT Environmen	A Streat	Address: SIDUE Como	Program: UST/PS State of Project	ST PRP Brownfields R
Address: 3300 North	A Street	Address: SIOH E Greenes	State of Projec	
Phone: (432) 236 - 3	RQ. LA Email: fam	Hanning that was the first the	Deliverables: EDE	
Project Name DI 11 0.0	Time Anna			
	i utri Arou	Pres.	ANALYSIS REQUEST	PTC PTC
Project Number: 01292012	0 Routine	Code		MeOH: M
Sampler's Name Tation County	Rush:	1)		None: NC
PO#	Quote #:) 07 0)		
) quote #:	5		H2S04: H
SAMPLE RECEIPT Temp B	lank: Yes No Wet Ice: Yes	s 0(())= 30		HCL: HL
Temperature (°C): 1.2/1.0	Thermometer ID	iner 8 4 (PA		NaOH: Na
Received Intact: 1 Vok No	+ OOL MN- 1	EP/		Zn Acetate
Sample Custody Seals: Yes N N	VIA Correction Factor: C.	e ar of C (E X (TAT starts th
ab Sample Identification Ma	atrix Date Time Dep	Numb TPH BTI		Sam
SSO10 E	5 8/12/20 1156 0.1	5 - X X X		
Jatel	M			
*				
	/			
	/			
Total 200.7 / 6010 200.8 / 6020:	8RCRA 13PPM	Texas 11 Al Sb As Ba Be B Cd Ca	Cr Co Cu Fe Pb Mg Mn Mo Ni K Se	Ag SiO2 Na Sr TI Sn
Notice: Signature of this document and relinquishment of	of samples constitutes a valid purchase order from	m client company to Xenco, its affiliates and subcontract	ctors. It assigns standard terms and conditions	
of service. Xenco will be liable only for the cost of samp of Xenco. A minimum charge of \$75.00 will be applied to	oles and shall not assume any responsibility for a o each project and a charge of \$5 for each sample	ny losses or expenses incurred by the client if such loss submitted to Xenco, but not analyzed. These terms will I	ses are due to circumstances beyond the control be enforced unless previously negotiated.	
Relinquished by: (Signature)	Received by: (Signature)	Date/Time Relingu	uished by: (Signature) Receive	ed by: (Signature)
Latin (Un Attan	B. 13:29		In more than the second second
Junder	Jox Urtan	4 ho.91 00.19.0		
		5 4		

Project Id:

Project Location:

Contact:

eurofins Environment Testing Xenco

012920120

Dan Moir

Eddy County

Certificate of Analysis Summary 670440

LT Environmental, Inc., Arvada, CO

Project Name: XTO Energy

 Date Received in Lab:
 Wed 08.19.2020 13:29

 Report Date:
 08.21.2020 17:53

 Project Manager:
 Jessica Kramer

Lab Id: 670440-001 Field Id: SS06 Analysis Requested 0.5- ft Depth: Matrix: SOIL Sampled: 08.12.2020 11:56 BTEX by EPA 8021B 08.19.2020 16:00 Extracted: Analyzed: 08.20.2020 01:18 RL Units/RL: mg/kg 0.00200 < 0.00200 Benzene 0.00200 Toluene < 0.00200 < 0.00200 0.00200 Ethylbenzene 0.00399 < 0.00399 m,p-Xylenes o-Xylene < 0.00200 0.00200 0.00200 < 0.00200 Total Xylenes Total BTEX < 0.00200 0.00200 Chloride by EPA 300 Extracted: 08.19.2020 16:31 Analyzed: 08.19.2020 22:13 Units/RL: RL mg/kg Chloride 1520 49.9 TPH by SW8015 Mod Extracted: 08.19.2020 16:15 Analyzed: 08.19.2020 18:59 Units/RL: mg/kg RL Gasoline Range Hydrocarbons (GRO) < 50.150.1 Diesel Range Organics (DRO) 78.7 50.1 Motor Oil Range Hydrocarbons (MRO) < 50.1 50.1 Total GRO-DRO 78.7 50.1 Total TPH 78.7 50.1

BRL - Below Reporting Limit

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

Page 1 of 11

eurofins Environment Testing Xenco

Analytical Report 670440

for

LT Environmental, Inc.

Project Manager: Dan Moir

XTO Energy

012920120

08.21.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-37), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2019-058), 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)

eurofins Environment Testing Xenco

08.21.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 670440 XTO Energy Project Address: Eddy County

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) 670440. 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. 670440 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 670440

LT Environmental, Inc., Arvada, CO

XTO Energy

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS06	S	08.12.2020 11:56	0.5 ft	670440-001

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: XTO Energy

 Project ID:
 012920120

 Work Order Number(s):
 670440

 Report Date:
 08.21.2020

 Date Received:
 08.19.2020

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

Certificate of Analytical Results 670440

LT Environmental, Inc., Arvada, CO

XTO Energy

Sample Id: SS06		Matrix:	Soil		Date Received:08.1	9.2020 13	:29
Lab Sample Id: 670440-001		Date Colle	cted: 08.12.2020 11:56		Sample Depth: 0.5	ft	
Analytical Method: Chloride by E	PA 300				Prep Method: E30	OP	
Tech: MAB					% Moisture:		
Analyst: MAB		Date Prep:	08.19.2020 16:31		Basis: We	t Weight	
Seq Number: 3135047		-					
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1520	49.9	mg/kg	08.19.2020 22:13		5
Analytical Method: TPH by SW80	015 Mod				Prep Method: SW	8015P	
Tech: DTH					% Moisture:		
Analyst: DTH		Date Prep:	08.19.2020 16:15		Basis: We	t Weight	
Seq Number: 3135008		-					
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.1	50.1	mg/kg	08.19.2020 18:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	78.7	50.1	mg/kg	08.19.2020 18:59		1

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.1	50.1		mg/kg	08.19.2020 18:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	78.7	50.1		mg/kg	08.19.2020 18:59		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.1	50.1		mg/kg	08.19.2020 18:59	U	1
Total GRO-DRO	PHC628	78.7	50.1		mg/kg	08.19.2020 18:59		1
Total TPH	PHC635	78.7	50.1		mg/kg	08.19.2020 18:59		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	94	%	70-135	08.19.2020 18:59		
o-Terphenyl		84-15-1	88	%	70-135	08.19.2020 18:59		

Xenco

LT Environmental, Inc., Arvada, CO XTO Energy

Sample Id:	SS06		Matrix:	Soil	Date Receive	d:08.19.2020 13:29
Lab Sample I	d: 670440-001		Date Collected	1:08.12.2020 11:56	Sample Dept	h: 0.5 ft
Analytical Me	ethod: BTEX by EPA 802	1B			Prep Method	: SW5035A
Tech:	MAB				% Moisture:	
Analyst:	MAB		Date Prep:	08.19.2020 16:00	Basis:	Wet Weight
Seq Number:	3135050					
Donomotor		Cag Number	Docult DI	T		Nata Elas D

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.20.2020 01:18	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.20.2020 01:18	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.20.2020 01:18	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	08.20.2020 01:18	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.20.2020 01:18	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.20.2020 01:18	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.20.2020 01:18	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	105	%	70-130	08.20.2020 01:18		
4-Bromofluorobenzene		460-00-4	104	%	70-130	08.20.2020 01:18		

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	n
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	catory Control Sample Duplicate
MD/S	D Method Duplicate/Samp	le Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NE	ELAC 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 670440

LT Environmental, Inc.

XTO Energy

Analytical Method: Seq Number: MB Sample Id:	Chloride by 3135047	Y EPA 30 BL K	0	LCS San	Matrix:	Solid 7709778-1	I-BKS		Pr LCSI	ep Metho Date Pre D Sample	od: E30 ep: 08.1	0P .9.2020 9778-1-BSD	
NID Sample Id.	//0///8-1-1	MB	Spike	LCS	LCS	LCSD	LCSD	Limits	%RPD	RPD	Units	Analysis	Flog
Parameter		Result	Amount	Result	%Rec	Result	%Rec			Limit		Date	riag
Chloride		<10.0	250	265	106	269	108	90-110	1	20	mg/kg	08.19.2020 19:42	
Analytical Method:	Chloride by	y EPA 30	0		Matuin	Seil			Pr	rep Metho	od: E30	0P	
Parent Sample Id:	5155047 670385-015			MS Sar	nnle Id	670385-01	15.8		MS	Date Pre	· Id· 670	385-015 SD	
Parameter	070585-015	Parent	Spike	MS Sal	MS	MSD Boggit	MSD % Baa	Limits	%RPD	RPD Limit	Units	Analysis	Flag
Chloride		<9.96	199	205	103	205	103	90-110	0	20	mg/kg	08.19.2020 19:59	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by 3135047 670438-001	y EPA 30	0	MS Sar	Matrix:	Soil 670438-00	01 S		Pr MSI	ep Metho Date Pre D Sample	od: E30 ep: 08.1 e Id: 670	0P 9.2020 438-001 SD	
_	0,0100 001	Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	
Parameter		Result	Amount	Result	%Rec	Result	%Rec	2	, vili 2	Limit		Date	Flag
Chloride		190	200	393	102	392	101	90-110	0	20	mg/kg	08.19.2020 21:17	
Analytical Method: Seq Number:	TPH by SW 3135008	78015 M	bd		Matrix:	Solid			Pr	ep Metho Date Pre	od: SW3 ep: 08.1	8015P 9.2020	
MB Sample Id:	7709750-1-1	BLK		LCS San	nple Id:	7709750-1	I-BKS		LCSI	D Sample	d: 770	9750-1-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 Diesel Range Organics (ons (GRO) DRO)	<50.0 <50.0	1000 1000	908 915	91 92	907 931	91 93	70-135 70-135	0 2	35 35	mg/kg mg/kg	08.19.2020 10:52 08.19.2020 10:52	
Surrogate		MB %Rec	MB Flag	L %]	CS Rec	LCS Flag	LCSI %Re) LCSI c Flag	D Li ;	mits	Units	Analysis Date	
1-Chlorooctane o-Terphenyl		96 92		1	18 04		116 103		70 70	-135 -135	% %	08.19.2020 10:52 08.19.2020 10:52	
Analytical Method: Seq Number:	TPH by SW 3135008	78015 Me	od	MB San	Matrix:	Solid 7709750-1	I-BLK		Pr	ep Metho Date Pre	od: SW3 ep: 08.1	8015P 9.2020	
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocart	oons (MRO)			<50.0							mg/kg	08.19.2020 10:32	

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 11

🔅 eurofins

QC Summary 670440

Environment Testing Xenco

LT Environmental, Inc.

XTO Energy

Analytical Method: Seq Number:	TPH by SW 3135008	78015 Mc	od	l MS San	Matrix:	Soil	115		Pr	ep Metho Date Pr	od: SW ep: 08.1	8015P 9.2020 382-001 SD	
Parameter	670382-001	Parent Result	Spike Amount	MS San MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ons (GRO)	<49.9	998	905	91	913	91	70-135	1	35	mg/kg	08.19.2020 11:53	
Diesel Range Organics (DRO)	<49.9	998	925	93	936	94	70-135	1	35	mg/kg	08.19.2020 11:53	
Surrogate				M %1	IS Rec	MS Flag	MSD %Ree	o MSD c Flag) Li	mits	Units	Analysis Date	
1-Chlorooctane				10)9		108		70	-135	%	08.19.2020 11:53	
o-Terphenyl				9	5		96		70	-135	%	08.19.2020 11:53	

Analytical Method:	BTEX by EPA 8021	B						P	rep Meth	od: SW	5035A	
Seq Number:	3135050			Matrix:	Solid				Date Pr	ep: 08.1	19.2020	
MB Sample Id:	7709774-1-BLK		LCS San	nple Id:	7709774-2	1-BKS		LCS	D Sampl	e Id: 770	9774-1-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	0.0945	95	0.0997	100	70-130	5	35	mg/kg	08.19.2020 17:11	
Toluene	< 0.00200	0.100	0.0893	89	0.0930	93	70-130	4	35	mg/kg	08.19.2020 17:11	
Ethylbenzene	< 0.00200	0.100	0.0957	96	0.0969	97	71-129	1	35	mg/kg	08.19.2020 17:11	
m,p-Xylenes	< 0.00400	0.200	0.193	97	0.196	98	70-135	2	35	mg/kg	08.19.2020 17:11	
o-Xylene	< 0.00200	0.100	0.0963	96	0.0963	96	71-133	0	35	mg/kg	08.19.2020 17:11	
Surrogate	MB %Rec	MB Flag	L %]	CS Rec	LCS Flag	LCSI %Re) LCSI c Flag	D L g	imits	Units	Analysis Date	
1,4-Difluorobenzene	92		ç	97		101		70	-130	%	08.19.2020 17:11	
4-Bromofluorobenzene	106		ç	99		100	1	70	-130	%	08.19.2020 17:11	

Analytical Method:	BTEX by EPA 8021					Pı	ep Meth	od: SW	5035A			
Seq Number:	3135050]	Matrix:	Soil				Date Pr	ep: 08.1	9.2020	
Parent Sample Id:	670385-015		MS San	nple Id:	670385-01	5 S		MS	D Sampl	e Id: 670	385-015 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	0.101	101	0.105	105	70-130	4	35	mg/kg	08.19.2020 17:52	
Toluene	< 0.00200	0.0998	0.0872	87	0.0993	99	70-130	13	35	mg/kg	08.19.2020 17:52	
Ethylbenzene	< 0.00200	0.0998	0.0871	87	0.103	103	71-129	17	35	mg/kg	08.19.2020 17:52	
m,p-Xylenes	< 0.00399	0.200	0.174	87	0.204	102	70-135	16	35	mg/kg	08.19.2020 17:52	
o-Xylene	< 0.00200	0.0998	0.0859	86	0.101	101	71-133	16	35	mg/kg	08.19.2020 17:52	
Surrogate			N %1	IS Rec	MS Flag	MSD %Ree	o MSI c Flag) Li g	mits	Units	Analysis Date	

Surrogate	%Rec	Flag	%Rec	Flag		Date
1,4-Difluorobenzene	98		101	70-130	%	08.19.2020 17:52
4-Bromofluorobenzene	100		100	70-130	%	08.19.2020 17:52

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

[D] = 100*(C-A) / B $\begin{array}{l} \text{[D]} & = 100^{+} \left[(\text{C-E}) / (\text{C+E}) \right] \\ \text{[D]} & = 100^{+} (\text{C}) / [\text{B}] \\ \text{Log Diff.} & = \text{Log(Sample Duplicate)} - \text{Log(Original Sample)} \end{array}$ 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 10 of 11

Final 1.000

Project Manager: Dan II (o) Bill to: (if different) Kyle Liff roll Work Order Comme	Project Manager: Dan II loir Bill to: (if different) Kyle Liff roll Work Order Comme	S 8/12/20 11 5:0 5:1 X X X 1 0:5 11 2:21/8 2 0:032			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 Na Sr Tick Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti 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 K Se Ag Tick	Project Manager: DACINITICIAL Bit Company Name: Cl Environmental Inc., Porm.an Office Gadress: 3:300 North A Street Gadress: Project Name: Plut 9:9 Frage Frage Frage Frage Project Name: Plut 9:9 Temperature (C): 1:37.1236 - 36:43 Gadress: Gadress: SAMPLE RECEIPT Temperature (C): 1:37.1.0 Temperature (C): 1:37.1.0 Rush: Sample rs Name: Conter Custody Seals: Yes (N) Gorraction Factor: Due Date: Sample Custody Seals: Yes (N) NA Corraction Factor: Diate Sample Custody Seals: Yes (N) NA Corraction Factor: Diate Sample Identification Matrix Sampled Sampled Sampled Sample Received Matals In the Journal of Sampled Sampled Sampled Diate Circle Method(s) and Metal(s) to be analyzed Total 200.7 (6010 200.8 (6020: CILP / SPLP 6010: Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: Circle / Sple 6010: CILP / SPLP 6010: Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: TCLP / SPLP 6010: Status A. Aminum charge of \$5.00 with be appleid to each projectal and a sumple of \$5.00 with be analyzed TCLP / SPL	Ill to: (if affreenel K.y.le L:ffr.21) Address: SIOU F E Groane ST Riv, State ZIP: Carlshord, NIT 89,220 Inthal Henv, com, dimorral Henv, dise ande to distormations is and did terms with s	Work Order Comme Program: UST/PST PRP Brownfields[State of Project: Reporting:Level II PST/UST Deliverables: EDD ADaPT Sate Image: Ima		
		Number City, state zip: Indiand, TX, TPTOC Email: City, state zip: Option State of Project. State of Project. Project Name PLU, PO Tum Around Tum Around Tum Around Tum Around Project. Pro	Project Name: Proj	Inverse State of Project Project Name PLU 09 Email: City, State ZIP: Culture City, State ZIP: Culture Project Project City, State ZIP: Culture Project Project <t< td=""><td>Interest of the original original of the original of the original of the original</td><td>Company Name: C(Environmental Inc. Kermion Office co</td><td>mpany Name: XTO Energy</td><td>Program: UST/PST PRP Brownfields</td></t<>	Interest of the original original of the original of the original of the original	Company Name: C(Environmental Inc. Kermion Office co	mpany Name: XTO Energy	Program: UST/PST PRP Brownfields		
Address: 2200 N/Ath A Strant Office Company Name: XTO Energy Program: UST/PST PRP Brownfields	Address: ADD North A Strand Wice company Name: XTO Enorgy Program: UST/PST PRP Brownfields	Phone: (H32) 236 - 36 Hq Email: Family form (and form (an	Phone [H32] 236 - 3849 Email: Formulation Image: Formulation For	Phone: [4]32]236-3844 Enait Family Fa	Project Number PLU PL	city, state ZIP: Midland TX 79705	The state ZID- Port Lond VIM 60.220	Renorting! evel II TI evel III TPST/IST		
Company Name: Cl Environmental Inc., Perm.an Office company Name: XTO Enorgy Program: UST/PST PRP Brownfields Address: 3300 North A Street Address: 3104 E Green St State of Project: Gity, State ZIP: Mulland, TX 19105 City, State ZIP: City, State ZIP: City, State ZIP: Program: UST/PST PRP Brownfields	Company Name: CL Environmental, Inc., Perm.an Whice company Name: XTO Environmental, Inc., Perm	Project Name: PLU 69 Turn Around Project Number: 0124 20120 Routine Routine Project Number: Nacht Since Routine Project Number: Routine Routine Project Number: Routine Routine Project Number: Routine Routine Project Number: Routine Routine Project Number	Project Name: PLU 6/9 Turn Around Project Location PLU 6/9 Rouine Project Location PLU 6/9 Rouine Project Location PLU 6/9 Review Revi	Project Name PLU 09 Turn Around Project Number 0124 20120 Ruline Sampler's Name FdLy County Ruline Pow ANALYSIS REQUEST Sampler's Name FdLy County Ruline Pow Temp Blank: Temp Blank: Temp Blank: Pow Temperature (*C): 1.2 Temperature (*C): Received Intact: Total Containers: Total Containers: Sample Custody Seals: Yes NA Correction Fedor: O.O. Sample Custody Seals: Yes NA Correction Fedor: O.O. Sample Custody Seals: Yes NA Correction Fedor: O.O. None Total Containers: D.P. Na Na None Sample Custody Seals: Yes Na Na None Total Containers: D.P. Na Na None Sample Custody Seals: Yes Na Na None Sampled Sampled Sampled Na Na None Sampled Sampled Na Na Na None Sampled Sampled Na Na Na None Sampled Sampled N	Project Name PLU 0:0 Turn Around Project Name D12 2 01 2 0 Routine	Phone: (432) 236 - 3849 Email: for	nithaoltenv.com, dimoircia ltenv.com	Deliverables: EDD ADaPT -		
Company Name: Cl Environmental Inc., Permin Office company Name: XTO Energy Program: UST/PST PRP Brownfields Address: 3300 North A Streat Address: 3104 E Greane St State of Project: City, State ZIP: Mid and, TX T9T05 city, state ZIP: Carlebrad, NM 88220 Program: UST/PST PRP Brownfields Phone: (432) 236 - 38 49 Email: Forn thailtenvicern, dmoirrightenvicern, dmoirrightenvicern Program: UST/PST PRP Brownfields	<th colsp<="" td=""><td>Project Number OI22020 Rutine Rutine Rush: Rush:<!--</td--><td>Project Number O127 20120 Routine Rou</td><td>Project Number O1/24/20120 Routine Rush: Sampler's Name: Fathma Smith Outerty Rush: Rush: P0 #: Temperature (*C): 1.0 Thermometer ID No Received intact: Ves NA Conrection Factor: 0.00 Sample Custody Seals: Ves NA Conrection Factor: 0.2 Sample Custody Seals: Ves NA Contraction Factor: 0.2 Sample Custody Seals: Ves NA Concrection Factor: 0.2 Sample Custody Seals: Ves NA Total Containers: 0.2 No TNM. OOT Sampled Sampled Sampled No Sample Custody Seals: Ves NA Total Containers: 0.2 No TNM. OOT Conrection Factor: 0.2 No X TPH (EPA 9015) X BT EX (EPA 0 = 8021) X Chlorid e EPA 3000.0 No No NA Total Containers X No No NA Total Containers NA No No NA TOTAL No No No No NA TOTAL NA No <</td><td>Project Number OL 20120 Relative Project Number Full Collect Number CECEPT Temperature (C) Name Collect Collect Number Outer Collect Sample Custody Seals: Vis. On Num Condet Restore To Conder Custody Seals: Vis. On Num Condet Restore To Sample Custody Seals: Vis. On Num Condet Restore To Sample Custody Seals: Vis. On Number Condet Custody Seals: Vis. On Number Vis. On Number Number Numer Numer <th colsp<="" td=""><td>Project Name: PLU 99 Turn Aro</td><td>und ANALYSIS REQU</td><td>EST</td></th></td></td></th>	<td>Project Number OI22020 Rutine Rutine Rush: Rush:<!--</td--><td>Project Number O127 20120 Routine Rou</td><td>Project Number O1/24/20120 Routine Rush: Sampler's Name: Fathma Smith Outerty Rush: Rush: P0 #: Temperature (*C): 1.0 Thermometer ID No Received intact: Ves NA Conrection Factor: 0.00 Sample Custody Seals: Ves NA Conrection Factor: 0.2 Sample Custody Seals: Ves NA Contraction Factor: 0.2 Sample Custody Seals: Ves NA Concrection Factor: 0.2 Sample Custody Seals: Ves NA Total Containers: 0.2 No TNM. OOT Sampled Sampled Sampled No Sample Custody Seals: Ves NA Total Containers: 0.2 No TNM. OOT Conrection Factor: 0.2 No X TPH (EPA 9015) X BT EX (EPA 0 = 8021) X Chlorid e EPA 3000.0 No No NA Total Containers X No No NA Total Containers NA No No NA TOTAL No No No No NA TOTAL NA No <</td><td>Project Number OL 20120 Relative Project Number Full Collect Number CECEPT Temperature (C) Name Collect Collect Number Outer Collect Sample Custody Seals: Vis. On Num Condet Restore To Conder Custody Seals: Vis. On Num Condet Restore To Sample Custody Seals: Vis. On Num Condet Restore To Sample Custody Seals: Vis. On Number Condet Custody Seals: Vis. On Number Vis. On Number Number Numer Numer <th colsp<="" td=""><td>Project Name: PLU 99 Turn Aro</td><td>und ANALYSIS REQU</td><td>EST</td></th></td></td>	Project Number OI22020 Rutine Rutine Rush: Rush: </td <td>Project Number O127 20120 Routine Rou</td> <td>Project Number O1/24/20120 Routine Rush: Sampler's Name: Fathma Smith Outerty Rush: Rush: P0 #: Temperature (*C): 1.0 Thermometer ID No Received intact: Ves NA Conrection Factor: 0.00 Sample Custody Seals: Ves NA Conrection Factor: 0.2 Sample Custody Seals: Ves NA Contraction Factor: 0.2 Sample Custody Seals: Ves NA Concrection Factor: 0.2 Sample Custody Seals: Ves NA Total Containers: 0.2 No TNM. OOT Sampled Sampled Sampled No Sample Custody Seals: Ves NA Total Containers: 0.2 No TNM. OOT Conrection Factor: 0.2 No X TPH (EPA 9015) X BT EX (EPA 0 = 8021) X Chlorid e EPA 3000.0 No No NA Total Containers X No No NA Total Containers NA No No NA TOTAL No No No No NA TOTAL NA No <</td> <td>Project Number OL 20120 Relative Project Number Full Collect Number CECEPT Temperature (C) Name Collect Collect Number Outer Collect Sample Custody Seals: Vis. On Num Condet Restore To Conder Custody Seals: Vis. On Num Condet Restore To Sample Custody Seals: Vis. On Num Condet Restore To Sample Custody Seals: Vis. On Number Condet Custody Seals: Vis. On Number Vis. On Number Number Numer Numer <th colsp<="" td=""><td>Project Name: PLU 99 Turn Aro</td><td>und ANALYSIS REQU</td><td>EST</td></th></td>	Project Number O127 20120 Routine Rou	Project Number O1/24/20120 Routine Rush: Sampler's Name: Fathma Smith Outerty Rush: Rush: P0 #: Temperature (*C): 1.0 Thermometer ID No Received intact: Ves NA Conrection Factor: 0.00 Sample Custody Seals: Ves NA Conrection Factor: 0.2 Sample Custody Seals: Ves NA Contraction Factor: 0.2 Sample Custody Seals: Ves NA Concrection Factor: 0.2 Sample Custody Seals: Ves NA Total Containers: 0.2 No TNM. OOT Sampled Sampled Sampled No Sample Custody Seals: Ves NA Total Containers: 0.2 No TNM. OOT Conrection Factor: 0.2 No X TPH (EPA 9015) X BT EX (EPA 0 = 8021) X Chlorid e EPA 3000.0 No No NA Total Containers X No No NA Total Containers NA No No NA TOTAL No No No No NA TOTAL NA No <	Project Number OL 20120 Relative Project Number Full Collect Number CECEPT Temperature (C) Name Collect Collect Number Outer Collect Sample Custody Seals: Vis. On Num Condet Restore To Conder Custody Seals: Vis. On Num Condet Restore To Sample Custody Seals: Vis. On Num Condet Restore To Sample Custody Seals: Vis. On Number Condet Custody Seals: Vis. On Number Vis. On Number Number Numer Numer <th colsp<="" td=""><td>Project Name: PLU 99 Turn Aro</td><td>und ANALYSIS REQU</td><td>EST</td></th>	<td>Project Name: PLU 99 Turn Aro</td> <td>und ANALYSIS REQU</td> <td>EST</td>	Project Name: PLU 99 Turn Aro	und ANALYSIS REQU	EST
Company Name: Cl. Environmental, Inc., Permion Office company Name: XTO Energy Program: UST/PRP Brownfields Address: 3300 North A'Street Address: 3104 E Greene St state of Project:	Company Name: CI_Environmental_Inc_Korm.an Uffice company Name: X TO_Enorgy Program: ust/Pst PRP Brownfields Address: 3300 North A'Street Address: 3104 E Greene St State of Project: State of Project: City, State ZIP: Mudland_TX_T9T05 city, state ZIP: City, state ZIP: City, state ZIP: City, state ZIP: Address: 3104 E Greene St State of Project: State of Project: State of Project: NIT Project Name: Project Name: Project Name: Project Name: Public Pst/UST Turn Around Turn Around ANALYSIS REQUEST Deliverables: EDD ADapt ADapt	Project Location Ercl. V. (Durt.Y. Rush: Sampler's Name: Fattma Smith Oute #: Oue Date: PO #: Temperature (°C): 1.3 / 1.0 Temperature (°C): 1.3 / 1.0 Thermometer ID Received Intact: Too Total Containers: O.0 Total Containers: O.0 H200 Sample Custody Seals: Yes NA Correction Factor: O.0 D.0 H200 None: Total Containers: D.0 Total Containers: D.0 H200 H200 Sample dentification Matrix Sampled Sampled Depth None: None: TPH (EPA 9015) BT EX (EPA 0= 9021) Chlorid e (EPA 300.0) Tat sa TAT sa Tat sa Tat sa Tat sa	Project Location Project Location Prof. (PL/V (Dunty) Rush: Sampler's Name: Fathin a Smith Due Date: PO #: PO #: <t< td=""><td>Project Location Recly (D) (D) (D) (D) (D) Sampler's Name: Coll from Single Control of Contro</td><td>Project Location Cruthy Rush: Sampler's Mark Contention Contention Contention Temperature (C): 1.2 1.0 Temperature (C): 1.2 Cooler Gustody Seals: Visc NA Correction Factor: Dia Sample Coatedy Seals: Visc NA Correction Factor: D.0 X TPH (EPA 9005) X Ethoride (EPA 300.0) X Chloride NA NA NA NA NA</td></t<> <td>Project Number: 012920120 Routine</td> <td>Code</td> <td>МеОН</td>	Project Location Recly (D) (D) (D) (D) (D) Sampler's Name: Coll from Single Control of Contro	Project Location Cruthy Rush: Sampler's Mark Contention Contention Contention Temperature (C): 1.2 1.0 Temperature (C): 1.2 Cooler Gustody Seals: Visc NA Correction Factor: Dia Sample Coatedy Seals: Visc NA Correction Factor: D.0 X TPH (EPA 9005) X Ethoride (EPA 300.0) X Chloride NA NA NA NA NA	Project Number: 012920120 Routine	Code	МеОН		
Company Name: Cl Environmental, Inc., Permion Office company Name: XTO Energy Program: ust/Pst PRP Brownfields Address: 3300 North A Street Address: 3104 E Greene St State of Project: City, State ZIP: Midland, TX 79705 city, state ZIP: Carlsbad, NM 88220 Reporting:Level II Level III PST/UST Project Number: 0124 20120 Turn Around Pres. Analysis REQUEST Analysis REQUEST Project Number: 0124 20120 Routine Routine Project Number: 0124 20120 Routine Main	Company Name: Cl. Environmental, Inc., Yorm.an Office Company Name: X TO Enorgy Program: UST/PST PRP Brownfields Address: 3300 North A'Street Address: 3104 E Greene St State of Project: State of Project: City, state ZIP: Mulland, TX 79105 City, state ZIP: City, state ZIP: Mulland, TX 79105 City, state ZIP: Carlabad, NM 86220 Reporting:Level II Evel III Evel III Evel III Evel II Evel II Evel II Evel III Evel II Evel I	PO# PO# Quote #; Quote #;<	PO# Quote #: SAMPLE RECEIPT Temp Blank: (res) No Wet lee: (res) No Themperature (*C): 1-2/1-0 Themometer ID Received Intact: (res) No Themometer ID Sample Custody Seals: Yes (N) Total Containers: Sample Custody Seals: Yes (N) Total Containers: Sample dentification Matrix Depth Number of Containers X TPH (EPA 90%5) X TPH (EPA 90%5) X Chlorid e (EPA 300.0) X TAIL	PO# Quote #: SAMPLE RECEIPT Temperature ("C: I-2/I-0") Temperature ("C: I-2/I-0") Thermoneter ID Thermoneter ID Received intact: No Temperature ("C: I-2/I-0") Temperature ("C: I-2/I-0") Thermoneter ID Temperature ("C: I-2/I-0") Thermoneter ID Total Containers: Sample dontification Matrix Sampled Sample dontification Matrix Sampled Sample dontification Matrix Sampled Sampled Depth Number of Containers X X Chlorid e (EPA 300.0) X The Custor de (EPA 300.0) X Chlorid e (EPA 300.0) X Chlorid e (EPA 300.0)	POR Quole # SAMPLE RECEIPT Temperature (*C): 1.2 No Temperature (*C): 1.2 No Wattree: Wattree: <th <<="" colspan="2" td=""><td>Sampler's Name: Fratima Smith Due Date:</td><td>(1)</td><td>None:</td></th>	<td>Sampler's Name: Fratima Smith Due Date:</td> <td>(1)</td> <td>None:</td>		Sampler's Name: Fratima Smith Due Date:	(1)	None:
Company Name: Cl Environmental Inc., Perman Office company Name: XTO Enorgy Program: ust/Pst PRP Brownfields Address: 3300 North A Street Address: 3104 E Greene St State of Project: City, State ZIP: Midland, TX 79105 city, state ZIP: Carlebrad, NIT & Street Project Name: Plub 69 Email: Forn that I env.com, dmc rrad tenv.com, Beporting:Level II Pst/UST Perming:Level II Pst/UST Project Number: 01/27/201/20 Tum Around Project Analysis REQUEST Address: Analysis REQUEST MeOH Sampler's Name: Environ Rush: Due Date: Due Dat	Company Name: CL Environmental, Inc., Korm.an Uffice Company Name: X TO Enorgy Program: UST/PRP Brownfields Address: 3300 Morth A Street address: 3104 E Greene St state of Project: City, State ZIP: Mulland, TX T9T05 city, State ZIP: Guidess: 3104 E Greene St state of Project: Phone: (432) 236 - 3849 Email: Fem. Ithrol Itenv.com, dmc.rcol Itenv.com, Beporting:Level II [Level III]PST/UST Project Number: 0129 201 20 Turn Around Pres. ANALYSIS REQUEST MeOH Project Number: Eddy roundy Rush: Pres. ANALYSIS REQUEST MeOH Sampler's Name: Environ Rush: Due Date: Due Date: Due Date: Due Date: Due Date:	SAMPLE RECEIPT Temp Blank: Wet lee: No Wet lee: No No Temperature (°C): 1.2 1.0 Thermometer ID Thermometer ID No Thermometer ID No	SAMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No Temperature (°C): 1.2 1.0 Thermometer ID Received Intact: 1.0 Thermometer ID Sample Custody Seals: Yes No TVM .OOT Sample Custody Seals: Yes No Total Containers: Sample dustody Seals: Yes No Total Containers: Sampled Sampled Sampled Sample dustody Sampled Sampled Value Sampled Sampled Value Chloridle CEPA 300 TAT sti Sampled Na Value Value Value Value Value	SAMPLE RECEIPT Temperature (°C): 1.0 Wet tes: Yet No Temperature (°C): 1.0 Thermometer ID Thermometer ID Thermometer ID Received Intact: Cooler Custody Seals: Yets No TNM_OOJ Correction Factor: 0.0 Sample Custody Seals: Yets NA Correction Factor: 0.0 D. D. Sample Identification Matrix Sampled Sampled Sampled Depth Number of Containers: NaOI X TPH (EPA 9015) X BT EX (EPA 0= 9) X TAT s X BT EX (EPA 0= 9) X Chlorid e (EPA 300) IAT s X Chlorid e (EPA 300) IAT s IAT s	SAMPLE RECEIPT Temperature (C): 1.2 Tomp Blank: We toe: <	PO #: Quote #:),072	HNU3		
Company Name: Cl. Environmental, Inc., Perm.an Office company Name: XTO Environmental Inc., Perm.an Office company Name: XTO Environmental Program: ust/PST PRP Brownfields Address: 3300 Month A Streat Address: 3104 E Graane St state of Project: state of Project: state of Project: State of Project: Reporting:Level II PST/UST Pst.	Company Name: Cf. Environmental, Inc., Yorm.an Uffice Company Name: X TO Enorgy Program: ust/Pst pst state Program: Ust/Pst pst state Program: Ust/Pst pst pst state Program: Ust/Pst pst	Temperature (°C): I.Q. Thermometer ID Thermometer ID Received Intact: I.Q. I.Q. Thermometer ID No I.Q. Sample Custody Seals: Yes NA Correction Factor: D.Q. D.Q. NA Correction Factor: D.Q. ab Sample Custody Seals: Yes NA Correction Factor: D.Q. NA Correction Factor: D.Q. Ace Via Total Containers: D.A. D.A. Depth Number of Containers TOTAL Containers TPH (EPA 90) BT EX (EPA 0) Chlorid e (EPA 3) Chlorid e (EPA 3) Total containers	Temperature (°C): 1.2 / 1.0 Thermometer ID No Thermometer ID Received Intact: Coll Na Correction Factor: D.2 Sample Custody Seals: Yes NA Correction Factor: D.2 Sampled Date Time Depth Depth Number of Containers X TPH (EPA 300 X BT E X (EPA 300 X Chlorid e X Na	Temperature (°C): 1-2/1-0 Thermometer ID Received Intact: Thermometer ID Received Intact: Cooler Clustody Seals: Yes No Thermometer ID Sample Custody Seals: Yes No TNM Correction Factor: O.0 Sample Identification Matrix Date Time Depth Sampled Sampled Sampled Sampled Depth V Sampled Sampled Depth Depth V Sampled Depth Depth EV/2/2c IISC V Sampled Depth Depth Concatal containers X TPH (EPA 90) X Chlorid e (EPA 30) X Chlorid e (EPA 30) X Chlorid e Image: Concatal containers X Chlorid e Image: Concatal containers	Temperature (C): 1-2/1.0 Received intact: Received intact: Cooler Custody Seals: Visc (N) No TVM_OOT Cooler Custody Seals: Visc (N) No TVM_OOT OD Sample dentification Matrix Sample dentification Matrix Sample dentification Matrix Sample dentification Number of Containers: O (D) X TPH (EPA 900 X X Chord e (EPA 20) X Chord e (EPA 30)	SAMPLE RECEIPT Temp Blank: No Wet Ice:	×5 = 8	1001		
Company Name: Cl Environmental, Inc., Perm.an Office company Name: XTO Enorgy Program: ust/PST PRP Brownfields Address: 3300 North A Street address: 3104 E Greene St State of Project: State of Project: Phone: 1427236 - 3849 Email: fcm ithe Iten v.com Mellenv.com Reporting:Level II PST/UST Project Name: 012920 Routine Family fcm ithe Iten v.com AnALYSIS REQUEST ADaPT Project Number: 012920 120 Routine Ruitine Ruitine Analysis ANALYSIS REQUEST MeoH Sampler's Name: Fatthra Smith ouote #: Due Date: 012920 None: None: SAMPLE RECEIPT Temp Blank: Yes No Yes No 25 % 20 % 25 % 20 % 1 <td>Company Name: CL Environmental, Inc., Form, an Uffice Company Name: XTO Environ Program: USTPST State of Program: State of Program: State of Program: USTPST Program: USTPST Program: USTPST State of Program: USTPST Program: USTPST State of Program: State of Program: USTPST Reporting: Level II Level III Program: USTPST Program: USTPST Reporting: Level II Level III PSTUST Deposition Company Name: Dispect Name: Dispect Name: Company Name: Temp Blank: Rush: Rush: Rush: None: <t< td=""><td>Received Intact: Image: Sample Custody Seals: Yes No Image: Total Containers: Image: Sample Custody Seals: Yes N/A Correction Factor: Image: Sample Custody Seals: Image: Sample Custody Seals:</td><td>Received Intact: Image: No T_NM_OOT Image: No T_NM_OOT Cooler Custody Seals: Yes No T_IM_OOT 0.0 Image: No Image: No</td><td>Received Intact: No T_UM_OOT Cooler Custody Seals: Yes N/A Correction Factor: D.D ab Sample Custody Seals: Yes N/A Correction Factor: D.D ab Sample Identification Matrix Date Time Depth Depth Image: Sample Identification Matrix Sampled Sampled Depth Depth Containers: D.D Image: Sample Identification Matrix Sampled Sampled Depth Depth Depth Containers: Depth Image: Sample Identification Matrix Sampled Sampled Depth Depth Depth Containers: Depth TAT s Image: Sample Identification Image: Sampled Depth Depth Depth Containers: TAT s Image: Sample Identification Image: Sampled Depth Depth Image: Sampled TAT s Image: Sample Identification Image: Sample Identification</td><td>Received Intact: O T_LVM_OOT Sample Custody Seals: Ves Val Correction Factor: 0.0 Sample Custody Seals: Ves Val Containers: Val Sample Custody Seals: Ves Val Ves Val Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves</td><td>Temperature (°C): 1.2/1.0 Thermometer ID</td><td></td><td>NaOH:</td></t<></td>	Company Name: CL Environmental, Inc., Form, an Uffice Company Name: XTO Environ Program: USTPST State of Program: State of Program: State of Program: USTPST Program: USTPST Program: USTPST State of Program: USTPST Program: USTPST State of Program: State of Program: USTPST Reporting: Level II Level III Program: USTPST Program: USTPST Reporting: Level II Level III PSTUST Deposition Company Name: Dispect Name: Dispect Name: Company Name: Temp Blank: Rush: Rush: Rush: None: None: <t< td=""><td>Received Intact: Image: Sample Custody Seals: Yes No Image: Total Containers: Image: Sample Custody Seals: Yes N/A Correction Factor: Image: Sample Custody Seals: Image: Sample Custody Seals:</td><td>Received Intact: Image: No T_NM_OOT Image: No T_NM_OOT Cooler Custody Seals: Yes No T_IM_OOT 0.0 Image: No Image: No</td><td>Received Intact: No T_UM_OOT Cooler Custody Seals: Yes N/A Correction Factor: D.D ab Sample Custody Seals: Yes N/A Correction Factor: D.D ab Sample Identification Matrix Date Time Depth Depth Image: Sample Identification Matrix Sampled Sampled Depth Depth Containers: D.D Image: Sample Identification Matrix Sampled Sampled Depth Depth Depth Containers: Depth Image: Sample Identification Matrix Sampled Sampled Depth Depth Depth Containers: Depth TAT s Image: Sample Identification Image: Sampled Depth Depth Depth Containers: TAT s Image: Sample Identification Image: Sampled Depth Depth Image: Sampled TAT s Image: Sample Identification Image: Sample Identification</td><td>Received Intact: O T_LVM_OOT Sample Custody Seals: Ves Val Correction Factor: 0.0 Sample Custody Seals: Ves Val Containers: Val Sample Custody Seals: Ves Val Ves Val Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves</td><td>Temperature (°C): 1.2/1.0 Thermometer ID</td><td></td><td>NaOH:</td></t<>	Received Intact: Image: Sample Custody Seals: Yes No Image: Total Containers: Image: Sample Custody Seals: Yes N/A Correction Factor: Image: Sample Custody Seals:	Received Intact: Image: No T_NM_OOT Image: No T_NM_OOT Cooler Custody Seals: Yes No T_IM_OOT 0.0 Image: No	Received Intact: No T_UM_OOT Cooler Custody Seals: Yes N/A Correction Factor: D.D ab Sample Custody Seals: Yes N/A Correction Factor: D.D ab Sample Identification Matrix Date Time Depth Depth Image: Sample Identification Matrix Sampled Sampled Depth Depth Containers: D.D Image: Sample Identification Matrix Sampled Sampled Depth Depth Depth Containers: Depth Image: Sample Identification Matrix Sampled Sampled Depth Depth Depth Containers: Depth TAT s Image: Sample Identification Image: Sampled Depth Depth Depth Containers: TAT s Image: Sample Identification Image: Sampled Depth Depth Image: Sampled TAT s Image: Sample Identification Image: Sample Identification	Received Intact: O T_LVM_OOT Sample Custody Seals: Ves Val Correction Factor: 0.0 Sample Custody Seals: Ves Val Containers: Val Sample Custody Seals: Ves Val Ves Val Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves Ves	Temperature (°C): 1.2/1.0 Thermometer ID		NaOH:		
Company Name: Cl. Environmental, Inc., Perman Office company Name: XTO Environmental Program: ust/Pst = PRP Brownfields Address: 3300 North A Street city, state zip: Address: 3104 E Groone St state of Project: Phone: (H32)236 - 38.49 Email: fcm.1thc) Lienv.rom Address: 3104 E Groone St State of Project: Reporting:tevel II I.evel III Pst/UST	Company Name: Cl. Environmental, Inc., Perm.an UHice Company Name: XTO Environmental, Inc., Permani UST/PST Program:	ab Sample Custody Seals: Yes N/A Correction Factor: Oracle Total Containers: Oracle Tat sta ab Sample Identification Matrix Date Time Depth Depth Number of C TAT sta D Number of C TPH (E BTEX (Chloride E Sampled	Sample Custody Seals: Yes N/A Correction Factor: O.2 ab Sample Custody Seals: Yes N/A Total Containers: O.2 b Sample Identification Matrix Date Time Depth CSO/O S 8/i2/20 1156 O.5 X A TPH (E X Chloride V X Chloride	Sample Custody Seals: Yes W NA Total Containers: C.2 Sample Identification Matrix Sampled Custody Seals: Yes W NA Total Containers: C.2 Sample Identification Matrix Sampled Depth Depth Depth Depth Depth Custody Seals: Yes W NA Total Containers: C.2 SCOLO S 8/12/2c 1156 0.5 Honde Custody Seals (Custody Seals) (Cust	Sample Clustody Seals: Vec W N/A Total Containers: Sample Clustody Seals: Vec W N/A Total Containers: Sample Identification Matrix Sampled Sampled Sampled Sampled Sampled Cluston Contractor Cluston Contractor Cluston Contractor Cluston Contractor Cluston Clust	Conter Clistody Saster Vac NA NIA Correction Easter - D	> ontai EPA (EP	Zn Acet		
Company Name: CIT Environmental, Inc., Form.an Office company Name: XTO Enorgy Program: UST/PST PRP Brownfields Adress: 3:300 Morth A Street City, State ZIP:	Company Name: CL Environmental, Inc., Vorm.an UHice Company Name: X TO Environ Program: UST/PST Deliverables: ED Dapt Distredit <t< td=""><td>Sample Identification Matrix Date Time Depth Numb TPH BTE Chlo</td><td>Sample Identification Matrix Sampled Time Depth Depth Number Sampled Sampled Sampled Sampled Depth Number School S 8/12/2¢ 1156 0.5 1 X X X</td><td>Sample identification Matrix Sampled Sampled Sampled Sampled Sampled Sampled Sampled Sampled Sampled Depth Mumber 15% 0.50 - Number 15\% 0.</td><td>Sample identification Matrix Sampled Depth AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA</td><td>Sample Custody Seals: Yes N/A Total Containers:</td><td>er of C H (II EX (nide</td><td>TAT star</td></t<>	Sample Identification Matrix Date Time Depth Numb TPH BTE Chlo	Sample Identification Matrix Sampled Time Depth Depth Number Sampled Sampled Sampled Sampled Depth Number School S 8/12/2¢ 1156 0.5 1 X X X	Sample identification Matrix Sampled Sampled Sampled Sampled Sampled Sampled Sampled Sampled Sampled Depth Mumber 15% 0.50 - Number 15\% 0.	Sample identification Matrix Sampled Depth AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Sample Custody Seals: Yes N/A Total Containers:	er of C H (II EX (nide	TAT star		
Company Name: Cl. Environmental Inc. Form.an Office Company Name: XTO Environmental Inc. Program: UST/PST Program: UST/PST </td <td>Company Name: Cl. Ch/Lic Andreas: Company Name: X TO Enorgy Program: UST/PST Program:</td> <td></td> <td>Scolo S 8/12/20 1156 0.5 1 X X X 0.5</td> <td>SSOLO S 8/12/2° 1156 0.5 1 X X X</td> <td></td> <td>Sample Identification Matrix Sampled Sampled Dep</td> <td>B Num TPP BTI Chla</td> <td>0</td>	Company Name: Cl. Ch/Lic Andreas: Company Name: X TO Enorgy Program: UST/PST Program:		Scolo S 8/12/20 1156 0.5 1 X X X 0.5	SSOLO S 8/12/2° 1156 0.5 1 X X X		Sample Identification Matrix Sampled Sampled Dep	B Num TPP BTI Chla	0		
Company Name: Characted Intr. Parman Office Company Name: XTO Enorgy Program: Program: UST/PST [PRP] Brownthil Introduct Trans Sampler's Name: Dirth Adress: SIDUL E Gravine State of Proget: Project Name: Dirth Trans Fault: Convertise Sampler's Name: Dirth Name Sampler's Name: Dirth Sampler's Name: Dirth Sampler's Name: Dirth Sampler's Name: Dirth Name Sampler's Name: Dirth Name Sampler's Name: Dirth Name Sampler's Name: Dirth Name Name Sampler's Name Sampler's Name Sampler's Name Dirth Sampler's Name Dirth Sampler's Name Sampler's Name Sampler's Name Dirth Name Name Name	Company, Name: Company, Name									
Company Name Cl Fruit/cmmarkel hr. Crim.an Office Company Name X10 Energy Progen: USTPST PRP Brownie City. Stall Zie City. Stall Zie </td <td>Company Name: CAT Chr.M.C. Innuchti, I/C. Company Name: Store I Project Name: Cat Store I Project Name: Cat Store I Project Name: Cat Cat Cat Store I Project Name: <</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Company Name: CAT Chr.M.C. Innuchti, I/C. Company Name: Store I Project Name: Cat Store I Project Name: Cat Store I Project Name: Cat Cat Cat Store I Project Name: <									
Company Name Cl Courtor Proper Company Name X TO Energy Bits Cast Control Andreas	Company Name CL TULIC Dractul, Inr., Krm.an. UKC Company Name XICU E CarCory Program: USTPST PR Brownite Bits and 210 Program: USTPST PR Bits and 210 Program: USTPST PR Bits and 210 Program: USTPST PR Bits a									
Company Name Chr. Chr. Unit Chr. P. Linn, A. Chr. C. Company Name SAU E. Nature Chr. Site SAU F. Nature Sau S	Company Verine: LT Dirut/Linmadial, Inf. (Company Verine: STO E Andress: Chy End 2000) Project Verine: Chy Lin (Linmadia), Inf. (Chy Company Verine: Stop E Conduct A) Project Verine: Chy Lin (Linmadia), Inf. (Chy Company Verine: Chy Company Verine	Image: Circle Method(s) and Metal(s) to be analyzed BRCRA 13PPM Texas 11 AI Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni K Se Ag SiO2 Na Sr TI in the second control is and the second control is an and the second control is an an an and the second control is an	Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr TI : 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	Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr TI : 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 Se Ag Ti U		Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for an of xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample of xenco.	m client company to Xenco, its affiliates and subcontractors. It assigns standard terms ny losses or expenses incurred by the client if such losses are due to circumstances be submitted to Xenco, but not analyzed. These terms will be enforced unless previously r	nd conditions and the control gotiated.		
Company Name Clin Funzionmentali (nr., Pare an Office Company Name Clin E Farany Single Clin Line Single Clin Line </td <td>Company Name: CD Finance (CD) Finance (CD) Address: Address:</td> <td>Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 Al Sb As Ba Be Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Circle Method(s) and Metall(s) to be analyzed TCLP / SPLP 6010: BRCRA Sb As Ba Be Cd Cr Co Cu Fe Dh Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Votice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if subhorsetors. It assigns standad the control of samples and shall not assume any responsibility for any losses or expenses incurred by the client if subhorsetors. These terms will be enforced unless periodusty ingolated.</td> <td>Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl S Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl S Motioe: 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 of service. 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 byond the control of service. Xenco will be applied to each project and a charge of \$5.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco. but not analyzed. These terms will be enforced unless previously negotiated.</td> <td>Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti : 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 SiO2 Na Sr Ti : Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xnnoo, its affiliates and subcontractors. It assigns standard terms and conditions 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 difference. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xnnoo, but not analyzed. These terms will be enforced unless previously negotiated.</td> <td>Notice: 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 of service. Xenco will be liable 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 of <u>X</u>enco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.</td> <td>Received by: (Signature) Received by: (Signature)</td> <td>Date/Time Relinquished by: (Signature)</td> <td>Received by: (Signature)</td>	Company Name: CD Finance (CD) Finance (CD) Address:	Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 Al Sb As Ba Be Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Circle Method(s) and Metall(s) to be analyzed TCLP / SPLP 6010: BRCRA Sb As Ba Be Cd Cr Co Cu Fe Dh Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Votice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if subhorsetors. It assigns standad the control of samples and shall not assume any responsibility for any losses or expenses incurred by the client if subhorsetors. These terms will be enforced unless periodusty ingolated.	Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl S Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl S Motioe: 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 of service. 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 byond the control of service. Xenco will be applied to each project and a charge of \$5.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco. but not analyzed. These terms will be enforced unless previously negotiated.	Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti : 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 SiO2 Na Sr Ti : Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xnnoo, its affiliates and subcontractors. It assigns standard terms and conditions 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 difference. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xnnoo, but not analyzed. These terms will be enforced unless previously negotiated.	Notice: 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 of service. Xenco will be liable 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 of <u>X</u> enco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	Received by: (Signature) Received by: (Signature)	Date/Time Relinquished by: (Signature)	Received by: (Signature)		
Company Name: C. Courtormarchill, Inc., Porna, Office Company Name: Status Status <td>Company Name; VL Truth Chrindchill, NC, Kama and Hick: Cenarge Name; KL Chrindchill, NC, Kama and Hick: Programmer: Christer Schull, E. C. Kama and Hick: Programmer: Christer Schull, E. C. Kama and Hick: Programmer: Programmer: Programmer: Christer Schull, E. C. Kama and Hick: Programmer: Programer: Programmer:</td> <td>Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Velice: Signature of this document and relinquishment of samples and shall not assume any proponability for any closes or expenses for subcontractors. It safiglias and subcontractors. It safiglias and subcontractors. It safiglias and subcontractors. It safiglias and subcontractors. These terms will be enforced unless projectand. Velice: Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature)</td> <td>Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: BRCRA 5b As Ba Be Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Velice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. Its affiliates and subconductors. It satisfies and subconductors. The sage of \$5.00 will be aphiled to each project and a charge of \$5.00 will be aphiled to each project and a charge of \$5.00 will be aphiled to each sample submitted to Xenco. Its affiliates and subconductors. Its adjust is used to base a service will be enforced unless previously negotiated. Felinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature)</td> <td>Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti CLP / SPLP 6010: 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 SiO2 Na Sr Ti cassions. The second state of samples constitutes a valid purchase order from client company to Xenco, It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any to Xenco, Its affiliates and subcontractors. It assigns standard terms and conditions for any to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Pelingufished by: (Signature) Received by: (Signature) Date/Time Relinguished by: (Signature) Received hor. (Signature)</td> <td>Notice: 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 of service. Xenco will be liable 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 of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Received by: (Signature) Received by: (Signature) Received by: (Signature)</td> <td>at yr Clar attan</td> <td>6.19.00 13:29 °</td> <td>(ammißiol : fa mariani.</td>	Company Name; VL Truth Chrindchill, NC, Kama and Hick: Cenarge Name; KL Chrindchill, NC, Kama and Hick: Programmer: Christer Schull, E. C. Kama and Hick: Programmer: Christer Schull, E. C. Kama and Hick: Programmer: Programmer: Programmer: Christer Schull, E. C. Kama and Hick: Programmer: Programer: Programmer:	Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Velice: Signature of this document and relinquishment of samples and shall not assume any proponability for any closes or expenses for subcontractors. It safiglias and subcontractors. It safiglias and subcontractors. It safiglias and subcontractors. It safiglias and subcontractors. These terms will be enforced unless projectand. Velice: Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature)	Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: BRCRA 5b As Ba Be Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti S Velice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. Its affiliates and subconductors. It satisfies and subconductors. The sage of \$5.00 will be aphiled to each project and a charge of \$5.00 will be aphiled to each project and a charge of \$5.00 will be aphiled to each sample submitted to Xenco. Its affiliates and subconductors. Its adjust is used to base a service will be enforced unless previously negotiated. Felinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature)	Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti CLP / SPLP 6010: 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 SiO2 Na Sr Ti cassions. The second state of samples constitutes a valid purchase order from client company to Xenco, It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any to Xenco, Its affiliates and subcontractors. It assigns standard terms and conditions for any to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Pelingufished by: (Signature) Received by: (Signature) Date/Time Relinguished by: (Signature) Received hor. (Signature)	Notice: 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 of service. Xenco will be liable 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 of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Received by: (Signature) Received by: (Signature) Received by: (Signature)	at yr Clar attan	6.19.00 13:29 °	(ammißiol : fa mariani.		
Company Name Chruch Chruch Chruch All für Chrun All für	Company Neme Chrun Chrund Lin, Kryten au (Lin, C Company Neme Chrun Sene Program (Neme Chru Sene Program (Neme Chru Sene Program (Neme Chru Sene Program (Neme Chru Sene Program (Neme Program (Neme Program (Neme Program (Neme Program (Neme </td <td>Total 200.71/6010 200.8 / 6020: BRCRA 13PPM Texas 11 Al Sb As Ba Be C Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag Sl02 Na Sr Ti CLP / SPLP 6010: BRCRA Sb As Ba Be C Ci Co Cu Pb Mn Mo Ni K Se Ag Ti U 1031 /</td> <td>Total 200.7 / 6010 200.8 / 6020: CIrcle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: RCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Clrv (Signature of this document and relinquishment of samples constitutes a wild purchase order from client company to Xenco, Its affiliates and subcontractors. It assigns standard terms and conditions of samples constitutes a wild purchase order from client company to Xenco, Its affiliates and subcontractors. It assigns standard terms and conditions of some of \$5 for, each any poster incurred by the client fusch losses are due to circumstances beyond the control of some of \$5 for, each and a charge of \$5 for, each any base. These terms will be enforced to traines purchase. Received by: (Signature) Out China Note: Signature) Received by: (Signature) Received by: (Signature)</td> <td>Total 200.7/6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti CLP / SPLP 6010: Netice: Signature of this document and inquisitment of samples constitutes a valid purchase or der from claim company to Xenco, its affiliates and subcontractors. It sassigues standard terms and conditions for project and a charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. Kelinqufished by: (Signature) Received by: (Signature) Data/Time Relinquished by: (Signature) Received by: (Signature) Kelinquished by: (Signature) Received by: (Signature) Data/Time Relinquished by: (Signature) Received by: (Signature)</td> <td>Notice: 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 of service. Xenco will be liable 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 of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to 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) Quert Over Onteo 5 '19 .00 13 : 29 2</td> <td></td> <td>4</td> <td></td>	Total 200.71/6010 200.8 / 6020: BRCRA 13PPM Texas 11 Al Sb As Ba Be C Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag Sl02 Na Sr Ti CLP / SPLP 6010: BRCRA Sb As Ba Be C Ci Co Cu Pb Mn Mo Ni K Se Ag Ti U 1031 /	Total 200.7 / 6010 200.8 / 6020: CIrcle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: RCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Clrv (Signature of this document and relinquishment of samples constitutes a wild purchase order from client company to Xenco, Its affiliates and subcontractors. It assigns standard terms and conditions of samples constitutes a wild purchase order from client company to Xenco, Its affiliates and subcontractors. It assigns standard terms and conditions of some of \$5 for, each any poster incurred by the client fusch losses are due to circumstances beyond the control of some of \$5 for, each and a charge of \$5 for, each any base. These terms will be enforced to traines purchase. Received by: (Signature) Out China Note: Signature) Received by: (Signature) Received by: (Signature)	Total 200.7/6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti CLP / SPLP 6010: Netice: Signature of this document and inquisitment of samples constitutes a valid purchase or der from claim company to Xenco, its affiliates and subcontractors. It sassigues standard terms and conditions for project and a charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. Kelinqufished by: (Signature) Received by: (Signature) Data/Time Relinquished by: (Signature) Received by: (Signature) Kelinquished by: (Signature) Received by: (Signature) Data/Time Relinquished by: (Signature) Received by: (Signature)	Notice: 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 of service. Xenco will be liable 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 of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to 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) Quert Over Onteo 5 '19 .00 13 : 29 2		4			

. Released to Imaging: 3/31/2021 1:45:13 PM

Final 1.000

Project Id:

Project Location:

Contact:

Г

eurofins Environment Testing Xenco

> 012920120 Dan Moir

Eddy County

Certificate of Analysis Summary 670855

LT Environmental, Inc., Arvada, CO

Project Name: PLU 89

 Date Received in Lab:
 Tue 08.25.2020 09:53

 Report Date:
 08.28.2020 10:42

 Project Manager:
 Jessica Kramer

	Lab Id:	670855-0	01	670855-0	02	670855-0	003		
Analysis Requested	Field Id:	FS16		FS17		PH02			
Analysis Requested I M		1- ft		0.5- ft		1- ft			
	Matrix:	SOIL		SOIL		SOIL			
	Sampled:	08.24.2020	14:45	08.24.2020	15:08	08.24.2020	15:17		
BTEX by EPA 8021B	Extracted:	08.25.2020	15:07	08.25.2020	15:07	08.25.2020	15:07		
	Analyzed:	08.25.2020 2	20:07	08.25.2020	20:28	08.25.2020	20:48		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Benzene		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200		
Toluene		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200		
Ethylbenzene		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200		
m,p-Xylenes		< 0.00400	0.00400	< 0.00400	0.00400	< 0.00400	0.00400		
o-Xylene		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200		
Total Xylenes		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200		
Total BTEX		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200		
Chloride by EPA 300	Extracted:	08.25.2020	14:46	08.25.2020	14:46	08.25.2020	14:46		
	Analyzed:	08.25.2020	19:52	08.25.2020	20:16	08.25.2020	20:24		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Chloride		438	10.0	1440	50.3	16.5	10.0		
TPH by SW8015 Mod	Extracted:	08.25.2020	13:00	08.25.2020	13:00	08.26.2020	12:15		
	Analyzed:	08.25.2020	14:49	08.25.2020	15:08	08.26.2020	13:40		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0		
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0		
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9	<50.0	50.0		
Total GRO-DRO		<49.9	49.9	<49.9	49.9	<50.0	50.0		
Total TPH		<49.9	49.9	<49.9	49.9	<50.0	50.0		

BRL - Below Reporting Limit

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

Jession Vramer

Page 1 of 17

eurofins Environment Testing Xenco

Analytical Report 670855

for

LT Environmental, Inc.

Project Manager: Dan Moir

PLU 89

012920120

08.28.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-37), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2019-058), 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)

Page 124 of 140

08.28.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 670855 PLU 89 Project Address: Eddy County

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) 670855. 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. 670855 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



Sample Cross Reference 670855

PLU 89

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
FS16	S	08.24.2020 14:45	1 ft	670855-001
FS17	S	08.24.2020 15:08	0.5 ft	670855-002
PH02	S	08.24.2020 15:17	1 ft	670855-003

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: PLU 89

 Project ID:
 012920120

 Work Order Number(s):
 670855

 Report Date:
 08.28.2020

 Date Received:
 08.25.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

Certificate of Analytical Results 670855

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: FS16 Lab Sample Id: 670855-001		Matrix: Date Co	Soil ollected: 08.2	4.2020 14:45		Date Received:08.2: Sample Depth: 1 ft	5.2020 09:	53
Analytical Method: Chloride by EP	A 300					Prep Method: E300 % Moisture:)P	
Analyst: MAB		Date Pr	en: 08.2	5.2020 14:46		Basis: Wet	Weight	
Seq Number: 3135562		Duterr	ср. ос.2	0.2020 1 11 10				
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	438	10.0		mg/kg	08.25.2020 19:52		1
Analytical Method:TPH by SW801Tech:DTHAnalyst:DTHSeq Number:3135540	5 Mod	Date Pr	ep: 08.2	5.2020 13:00		Prep Method: SW8 % Moisture: Basis: Wet	015P Weight	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9		mg/kg	08.25.2020 14:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9		mg/kg	08.25.2020 14:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9		mg/kg	08.25.2020 14:49	U	1
Total GRO-DRO	PHC628	<49.9	49.9		mg/kg	08.25.2020 14:49	U	1
Total TPH	PHC635	<49.9	49.9		mg/kg	08.25.2020 14:49	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	117	%	70-135	08.25.2020 14:49		
o-Terphenyl		84-15-1	113	%	70-135	08.25.2020 14:49		

eurofins Environment Testing Xenco

Certificate of Analytical Results 670855

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id:	FS16		Matrix:	Soil	Date Receive	d:08.25.2020 09	:53
Lab Sample Id: 670855-001			Date Collected	1:08.24.2020 14:45	Sample Dept	h: 1 ft	
Analytical Me	ethod: BTEX by EPA 802	21B			Prep Method:	: SW5035A	
Tech:	MAB				% Moisture:		
Analyst:	MAB		Date Prep:	08.25.2020 15:07	Basis:	Wet Weight	
Seq Number:	3135561						
Paramotor		Cas Number	Result DI	,	Unita Analysia F	ata Elag	ы

rarameter	Cas Numbe	er Kesun	KL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.25.2020 20:07	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.25.2020 20:07	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.25.2020 20:07	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	08.25.2020 20:07	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.25.2020 20:07	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.25.2020 20:07	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.25.2020 20:07	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	101	%	70-130	08.25.2020 20:07		
4-Bromofluorobenzene		460-00-4	104	%	70-130	08.25.2020 20:07		

eurofins Environment Testing Xenco

Certificate of Analytical Results 670855

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: FS17		Matrix:	Soil			Date Received:08.25	5.2020 09:	53
Lab Sample Id: 670855-002		Date Co	llected: 08.24	4.2020 15:08		Sample Depth: 0.5 ft	t	
Analytical Method: Chloride by EF	PA 300					Prep Method: E300	P	
Tech: MAB						% Moisture:		
Analyst: MAB		Date Pre	p: 08.25	5.2020 14:46		Basis: Wet	Weight	
Seq Number: 3135562			-					
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1440	50.3		mg/kg	08.25.2020 20:16		5
Analytical Method:TPH by SW80Tech:DTHAnalyst:DTHSeq Number:3135540	15 Mod	Date Pre	p: 08.25	5.2020 13:00		Prep Method: SW8 % Moisture: Basis: Wet	015P Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9		mg/kg	08.25.2020 15:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9		mg/kg	08.25.2020 15:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9		mg/kg	08.25.2020 15:08	U	1
Total GRO-DRO	PHC628	<49.9	49.9		mg/kg	08.25.2020 15:08	U	1
Total TPH	PHC635	<49.9	49.9		mg/kg	08.25.2020 15:08	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	114	0/2	70-135	08 25 2020 15:08		
		111-05-5	114	/0	70-155	00.25.2020 15.00		

eurofins Environment Testing Xenco

Certificate of Analytical Results 670855

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: Lab Sample Id	Sample Id: FS17 Lab Sample Id: 670855-002		Soil 1: 08.24.2020 15:08	Date Received:08.25.2020 Sample Depth: 0.5 ft		
Analytical Me Tech:	ethod: BTEX by EPA 8021B MAB			Prep Method: % Moisture:	SW5035A	
Analyst:	MAB	Date Prep:	08.25.2020 15:07	Basis:	Wet Weight	
Seq Number:	3135561					
_						

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.25.2020 20:28	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.25.2020 20:28	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.25.2020 20:28	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	08.25.2020 20:28	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.25.2020 20:28	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.25.2020 20:28	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.25.2020 20:28	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	107	%	70-130	08.25.2020 20:28		
1,4-Difluorobenzene		540-36-3	108	%	70-130	08.25.2020 20:28		

eurofins Environment Testing Xenco

Certificate of Analytical Results 670855

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id: PH02		Matrix:	Soil			Date Received:08.2	5.2020 09:	53
Lab Sample Id: 670855-003		Date Co	llected: 08.24	4.2020 15:17		Sample Depth: 1 ft		
Analytical Method: Chloride by EF	PA 300					Prep Method: E30	0P	
Tech: MAB						% Moisture:		
Analyst: MAB		Date Pre	n: 08.2	5.2020 14:46		Basis: Wet	Weight	
Seq Number: 3135562			F.				U	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16.5	10.0		mg/kg	08.25.2020 20:24		1
Tech:DTHAnalyst:DTHSeq Number:3135668		Date Pre	p: 08.20	6.2020 12:15		% Moisture: Basis: Wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0		mg/kg	08.26.2020 13:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0		mg/kg	08.26.2020 13:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0		mg/kg	08.26.2020 13:40	U	-
Total GRO-DRO	DUG	<50.0	50.0			08 26 2020 13:40	U	1
	PHC628		2010		mg/kg	00.20.2020 15.10	U	1 1
Total TPH	РНС628 РНС635	<50.0	50.0		mg/kg mg/kg	08.26.2020 13:40	U	1 1 1
Total TPH Surrogate	РНС628 РНС635 С	<50.0	50.0	Units	mg/kg mg/kg Limits	08.26.2020 13:40 Analysis Date	U Flag	1 1 1
Total TPH Surrogate 1-Chlorooctane	РНС628 РНС635 С	<50.0 Cas Number 11-85-3	50.0 6 Recovery	Units %	mg/kg mg/kg Limits 70-135	08.26.2020 13:40 Analysis Date 08.26.2020 13:40	U Flag	1 1 1

Certificate of Analytical Results 670855

LT Environmental, Inc., Arvada, CO

PLU 89

Sample Id:	PH02		Matrix:	Soil	Date Receive	d:08.25.2020 09:	:53
Lab Sample I	d: 670855-003		Date Collected	1:08.24.2020 15:17	Sample Dept	h: 1 ft	
Analytical Me	ethod: BTEX by EPA 802	21B			Prep Method:	SW5035A	
Tech:	MAB				% Moisture:		
Analyst:	MAB		Date Prep:	08.25.2020 15:07	Basis:	Wet Weight	
Seq Number:	3135561						
Paramotor		Cas Number	Recult DI	т	Inita Anolygia F	ete Eleg	D:I

rarameter	Cas Numbe	r Kesult	KL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	08.25.2020 20:48	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	08.25.2020 20:48	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	08.25.2020 20:48	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	08.25.2020 20:48	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	08.25.2020 20:48	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	08.25.2020 20:48	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	08.25.2020 20:48	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	103	%	70-130	08.25.2020 20:48		
1,4-Difluorobenzene		540-36-3	100	%	70-130	08.25.2020 20:48		

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	n
DL	Method Detection Limit				
NC	Non-Calculable				
SMP	Client Sample		BLK	Method Blank	
BKS/I	LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labor	catory Control Sample Duplicate
MD/S	D 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 670855

LT Environmental, Inc.

PLU 89

Analytical Method: Seq Number:	Chloride b 3135562	oy EPA 3(00	LCOO	Matrix:	Solid			Pi	rep Meth Date Pr	od: E30 rep: 08.2	00P 25.2020	
MB Sample Id:	7/10133-1	-BLK	a n	LCS Sar	nple Id:	//10133-	I-BK2	.	LCS	D Sampi		0133-1-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	254	102	254	102	90-110	0	20	mg/kg	08.25.2020 16:11	
Analytical Method: Seq Number: Parent Sample Id:	Chloride b 3135562 670827-00	by EPA 30 1	00	MS Sar	Matrix: nple Id:	Soil 670827-00	01 S		Pr	rep Meth Date Pr D Sampl	od: E30 ep: 08.2 e Id: 670	00P 25.2020 827-001 SD	
Parameter		Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		Result	Amount 200	Result	%Rec	Result	%Rec	90-110	0	20	ma/ka	Date 08.25.2020 17:33	
Chioride		11.9	200	285	105	285	105	90-110	0	20	mg/kg	00.23.2020 17.35	
Analytical Method: Seq Number: Parent Sample Id:	Chloride b 3135562 670849-00	oy EPA 30	00	MS Sar	Matrix: nple Id:	Soil 670849-00	01 S		Pi MS	rep Meth Date Pr D Sampl	od: E30 rep: 08.2 e Id: 670	00P 25.2020 1849-001 SD	
r arent Sumple Id.	070049 00	Parent	Snike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	
Parameter		Result	Amount	Result	%Rec	Result	%Rec	1.11110	, orde D	Limit		Date	Flag
Chloride		11.3	198	214	102	215	103	90-110	0	20	mg/kg	08.25.2020 19:27	
Analytical Method: Seq Number: MB Sample Id:	TPH by SV 3135540 7710152-1-	W8015 M -BLK	od	LCS Sar	Matrix: nple Id:	Solid 7710152-1	1-BKS		Pr LCS	rep Meth Date Pr D Sampl	od: SW rep: 08.2 e Id: 771	8015P 25.2020 0152-1-BSD	
Danamatan		MB	Spike	LCS	LCS	LCSD	LCSD	Limits	%RPD	RPD	Units	Analysis	Flag
Farameter	(CDO)	Result	Amount	Result	%Rec	Result	%Rec			Limit		Date	Ting
Diesel Range Organics	ons (GRO)	<50.0 <50.0	1000 1000	981 1010	98 101	1010 1050	101 105	70-135 70-135	3 4	35 35	mg/kg mg/kg	08.25.2020 12:47 08.25.2020 12:47	
Surrogate	(2110)	MB %Rec	MB Flag	L	CS Rec	LCS Flag	LCSI %Re) LCS	D Li	imits	Units	Analysis Date	
1-Chlorooctane		91	8	1	17	8	120		- 70	-135	%	08.25.2020 12:47	
o-Terphenyl		88		1	02		105		70	-135	%	08.25.2020 12:47	
Analytical Method: Seq Number: MB Sample Id:	TPH by SV 3135668 7710216-14	W8015 M -BLK	od	LCS Sar	Matrix: nple Id:	Solid 7710216-	1-BKS		Pr LCS	rep Meth Date Pr D Sampl	od: SW rep: 08.2 e Id: 771	8015P 26.2020 0216-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb	ons (GRO)	<50.0	1000	940	94	961	96	70-135	2	35	mg/kg	08.26.2020 11:59	
Diesel Range Organics	(DRO)	<50.0	1000	1020	102	1030	103	70-135	1	35	mg/kg	08.26.2020 11:59	
Surrogate		MB %Rec	MB Flag	L %	CS Rec	LCS Flag	LCSI %Re) LCS c Flag	D Li g	imits	Units	Analysis Date	
1-Chlorooctane		118		1	29		130	1	70	-135	%	08.26.2020 11:59	
o-Terphenyl		112		1	22		115		70	-135	%	08.26.2020 11:59	
MS/MSD Percent Recover Relative Percent Difference LCS/LCSD Recovery Log Difference	ry [] ce R [] L	D] = 100*(C) $PD = 200* $ $D] = 100 * (C)$ $Og Diff. = Loc$	-A) / B (C-E) / (C+E) C) / [B] og(Sample Du	 plicate) - Log	(Original S	Sample)	L A C E	CS = Labora = Parent R = MS/LCS = MSD/LC	atory Contro esult S Result CSD Result	ol Sample	MS = I $B = SI$ $D = M$	Matrix Spike pike Added SD/LCSD % Rec	

. Released to Imaging: 3/31/2021 1:45:13 PM

Page 13 of 17

Final 1.000

🔅 eurofins **Environment Testing** Xenco

QC Summary 670855

LT Environmental, Inc.

PLU 89

Analytical Method: Seq Number:	TPH by SW8015 Mod 3135540	Matrix: MB Sample Id:	Solid 7710152-1-BLK	Prep Method: Date Prep:	SW8 08.2	8015P 5.2020	
Parameter		MB Result		τ	J nits	Analysis Date	Flag
Motor Oil Range Hydrocarb	ons (MRO)	<50.0		n	ng/kg	08.25.2020 12:27	
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8	3015P	
Seq Number:	3135668	Matrix: MB Sample Id:	Solid 7710216-1-BLK	Date Prep:	08.2	6.2020	
Parameter		MB Result		τ	Jnits	Analysis Date	Flag
Motor Oil Range Hydrocarb	ons (MRO)	<50.0		n	ng/kg	08.26.2020 11:38	

Analytical Method:TPH by SW8015 ModSeq Number:3135540Parent Sample Id:670849-001] MS San	Matrix: nple Id:	Soil 670849-00	Prep Method: SW8015P oil Date Prep: 08.25.2020 70849-001 S MSD Sample Id: 670849-001 SD						
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ns (GRO)	<50.0	1000	849	85	852	85	70-135	0	35	mg/kg	08.25.2020 13:48	
Diesel Range Organics (DRO)	<50.0	1000	908	91	911	91	70-135	0	35	mg/kg	08.25.2020 13:48	
Surrogate				N %]	IS Rec	MS Flag	MSD %Ree	o MSD c Flag) Li	mits	Units	Analysis Date	
1-Chlorooctane				1	16		116		70	-135	%	08.25.2020 13:48	
o-Terphenyl				1	05		104		70	-135	%	08.25.2020 13:48	

Analytical Method: Seq Number: Parent Sample Id:	TPH by SW 3135668 670983-001	/8015 M	od] MS San	Matrix: nple Id:	Soil 670983-00	01 S		Pr MSI	ep Meth Date Pr D Sample	od: SW rep: 08.2 e Id: 670	8015P 26.2020 983-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ons (GRO)	< 50.0	999	931	93	956	96	70-135	3	35	mg/kg	08.26.2020 12:59	
Diesel Range Organics (DRO)	<50.0	999	990	99	1040	104	70-135	5	35	mg/kg	08.26.2020 12:59	
Surrogate				N %1	IS Rec	MS Flag	MSD %Ree	MSD c Flag) Li	mits	Units	Analysis Date	
1-Chlorooctane				1.	33		129		70	-135	%	08.26.2020 12:59	
o-Terphenyl				1	17		122		70	-135	%	08.26.2020 12:59	

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

[D] = 100*(C-A) / B $\begin{array}{l} \text{[D]} & 100 \ (\text{C-E}) \ (\text{C-E}) \ | \\ \text{[D]} & = 100 \ (\text{C}) \ (\text{C-E}) \ | \\ \text{[D]} & = 100 \ (\text{C}) \ (\text{B}) \\ \text{Log Diff.} & = \text{Log(Sample Duplicate)} \ - \ \text{Log(Original Sample)} \end{array}$ 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 14 of 17

Final 1.000

QC Summary 670855

eurofins Environment Testing Xenco

LT Environmental, Inc.

PLU 89

Analytical Method:	BTEX by EPA 8021	B						P	rep Meth	od: SW	5035A	
Seq Number:	3135561		I	Matrix:	Solid				Date Pr	ep: 08.2	25.2020	
MB Sample Id:	7710128-1-BLK		LCS San	ple Id:	7710128-	1-BKS		LCS	D Sample	e Id: 771	0128-1-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	0.104	104	0.103	103	70-130	1	35	mg/kg	08.25.2020 15:27	
Toluene	< 0.00200	0.100	0.0990	99	0.0987	99	70-130	0	35	mg/kg	08.25.2020 15:27	
Ethylbenzene	< 0.00200	0.100	0.105	105	0.101	101	71-129	4	35	mg/kg	08.25.2020 15:27	
m,p-Xylenes	< 0.00400	0.200	0.210	105	0.205	103	70-135	2	35	mg/kg	08.25.2020 15:27	
o-Xylene	< 0.00200	0.100	0.105	105	0.103	103	71-133	2	35	mg/kg	08.25.2020 15:27	
Surrogate	MB %Rec	MB Flag	L0 %1	CS Rec	LCS Flag	LCSD %Rec) LCSI 2 Flag	D L g	imits	Units	Analysis Date	
1,4-Difluorobenzene	99		9	9		95		70)-130	%	08.25.2020 15:27	
4-Bromofluorobenzene	108		9	7		97		70)-130	%	08.25.2020 15:27	

Analytical Method: Seq Number: Parent Sample Id:	BTEX by EPA 8021 3135561 670903-009	В	MS San	Matrix: nple Id:	Soil 670903-00)9 S		Pr MS	rep Methe Date Pr D Sample	od: SW ep: 08.2 e Id: 670	5035A 25.2020 903-009 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	0.100	0.116	116	0.0918	92	70-130	23	35	mg/kg	08.25.2020 16:08	
Toluene	< 0.00200	0.100	0.109	109	0.0823	82	70-130	28	35	mg/kg	08.25.2020 16:08	
Ethylbenzene	< 0.00200	0.100	0.108	108	0.0770	77	71-129	34	35	mg/kg	08.25.2020 16:08	
m,p-Xylenes	< 0.00400	0.200	0.216	108	0.151	76	70-135	35	35	mg/kg	08.25.2020 16:08	
o-Xylene	< 0.00200	0.100	0.106	106	0.0784	78	71-133	30	35	mg/kg	08.25.2020 16:08	
Surrogate			N %]	IS Rec	MS Flag	MSD %Rec	MSD Flag	L	imits	Units	Analysis Date	
1,4-Difluorobenzene			9	96		95		70	-130	%	08.25.2020 16:08	
4-Bromofluorobenzene			9	94		104		70	-130	%	08.25.2020 16:08	

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 15 of 17

		6			
8-25-20 09	Clar Cuffon	6. With Unit 40/	100 58-4	Am V	mm.
Date/Time	Received by: (Signature)	ime Relinquished by (Signature)	Date/Ti	ceived by/(Signature)	Re Re
	ind conditions ond the control gotiated.	, its anniates and subcontractors. It assigns standard terms irred by the client if such losses are due to circumstances bey of analyzed. These terms will be enforced unless previously n	losses or expenses incu bmitted to Xenco, but no	all not assume any responsibility for any ect and a charge of \$5 for each sample s	of service. Xenco will be liable only for the cost of samples and sh of Xenco. A minimum charge of \$75.00 will be applied to each proj
'I Sn U V Zn 245.1/7470 /7471 : H	Mn Mo Ni K Se Ag SiO2 Na Sr T TI U 1631/	As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg a Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag	exas 11 Al Sb , RCRA Sb As B	d TCLP / SPLP 6010; 8 constitutes a valid purchase order from	Circle Method(s) and Metal(s) to be analyze Notice: Signature of this document and relinquishment of samples
			F		Total 200 7 / 6010 200 8 / 6020.
				/	
				/	
				/	
					Takk A
		XX	- X	1 +151 02/42	CHOZ S 8
		XX	- X	21/20 1508 0.5	8 C
		XX	- ×	1 Shhi 02/h2/	S C S
Sample Comments		Ch	Num TP	ampled Sampled Dept	sample Identification Matrix s
T starts the day received by th received by 4:00pm	TA	EX	ber of	Total Containers:	Sample Custody Seals: Yes W N/A
Acetate+ NaOH: Zn		de de	Cont EP	Correction Factor: -O.	Cooler Custody Seals: Yes No N/A
OH: Na	Na	PA (E	taine A @	L-NN	Received Intact: OYe No
で ま	Н	O PA	ers 80	Thermometer In	Temperature (°C): 4-2 4-0
2S04: H2	H2	= {	1	2	SAMPI E RECEIPT
JO3: HN	HI	30)	Quote #:	PO#
me: NO	No	21)		Rush:	Sampler's Name: For home Some
SOH: Me	Ma		Code	Routine	Project Number: 01/24/201/20
Preservative Code	EST	ANALYSIS REQU	nd	Turn Arou	Project Name: PLU 64
D Other:	Deliverables: EDD ADaPT	w.com, chroir@Henvton	nithalter	9 Email: fcon	HOR -OC2 / ZCH)ISHOUL
ST TRRP Level IV	Reporting:Level II Level III PST/U	rlobd Nm 98220	y, State ZIP: CO	19705 corp	City, State ZIP: Mudland, TX
elds_RRC_ Superfund	State of Project:	O4 E Greene St	Address: 3	Street	Address: 3300 North A
mments	Work Order Col	C Enerox	1pany Name: X	The Permian Office Cor	Company Name: LT Environmental
- aya U	Work Order Co	ule 1 Hrall	to: (if different)	Bil	Project Manager: Uan Mour
	-5440	3443 Lubbock,TX (806) 794-1296 Crasibad, NM (432) 70- 3 Tampa FL (813) 620-2000 West Balm Beach El (664)	L Paso,TX (915) 585- nta,GA (770) 449-8800	Midland,TX (432) 704-5440 Phoenix,AZ (480) 355-0900 Atta	
670855	Work Order No:	In of Custody	Cha 1) 240-4200 Dallas T	Houston, TX (2)	XENCO
			2		

. Released to Imaging: 3/31/2021 1:45:13 PM

Final 1.000

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperat	ure Range: 0 - 6 degC
Date/ Time Received: 08.25.2020 09.53.00 AM	Air and Metal samples	s Acceptable Range: Ambient
Work Order #: 670855	Temperature Measuri	ng device used: T_NM_007
Sample Rece	ipt Checklist	Comments
#1 *Temperature of cooler(s)?	4	
#2 *Shipping container in good condition?	Yes	5
#3 *Samples received on ice?	Yes	5
#4 *Custody Seals intact on shipping container/ cooler?	Yes	5
#5 Custody Seals intact on sample bottles?	Yes	5
#6*Custody Seals Signed and dated?	Yes	5
#7 *Chain of Custody present?	Yes	5
#8 Any missing/extra samples?	No	
#9 Chain of Custody signed when relinquished/ received?	Yes	5
#10 Chain of Custody agrees with sample labels/matrix?	Yes	5
#11 Container label(s) legible and intact?	Yes	5
#12 Samples in proper container/ bottle?	Yes	 Samples received in bulk containers.
#13 Samples properly preserved?	Yes	5
#14 Sample container(s) intact?	Yes	5
#15 Sufficient sample amount for indicated test(s)?	Yes	5
#16 All samples received within hold time?	Yes	5
#17 Subcontract of sample(s)?	No	
#18 Water VOC samples have zero headspace?	N/A	N N

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

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 08.25.2020

Checklist reviewed by: Jessica Kramer

Date: 08.26.2020

Received by OCD: 11/3/2020 3:37:13 PM State of New Mexico

Detailed description of proposed remediation technique

Oil Conservation Division

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

Incident ID	NRM2023138718
District RP	
Facility ID	
Application ID	

Remediation Plan

Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. Extents of contamination must be fully delineated. Contamination does not cause an imminent risk to human health, the environment, or groundwater. 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&E Coordinator _____ Signature: _____ Date: __10/28/2020__
 email:
 Kyle_Littrell@xtoenergy.com
 Telephone:
 (432)-221-7331
 OCD Only Received by: Robert Hamlet Date: 3/31/2021 Approved Approved with Attached Conditions of Approval Denied X Deferral Approved Signature: Robert Hamlet Date: 3/31/2021

Page 5

CONDITIONS

Action 11054

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 <u>District IV</u> 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	11054	C-141						
Building	#5 Midland, TX79707									
OCD	OCD Condition									
Reviewer										
rhamlet	rhamlet XTO's deferral request to complete final remediation of stained soil left immediately below the active pump jack is approved. LTE and XTO do not believe deferment will result in imminent risk to									
human health, the environment, or groundwater. The areas have been delineated and documented in the report. The Deferral Request and C-141 will be accepted for record and marked accordingly.										
	The release will remain open in OCD database files and reflect an open environmental issue.									