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

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

)

Page 1 of 209

Incident ID	NRM2022151947
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

Latitude	

(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
------	---

Oil Conservation Division

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🗌 No	
If YES, was immediate n	otice 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: 8/8/2020

1.45 bbls

•

Location:	Perla Verde 4		
Spill Date:	7/24/2020		
	Area 1		
Approximate A	rea =	1633.00	sq. ft.
Average Satura	tion (or depth) of spill =	0.75	inches
Average Porosi	ty Factor =	0.03	
	VOLUME OF LEAK		
Total Crude Oil	=	3.94	bbls
Total Produced	Water =	1.61	bbls
	Area 2		
Approximate A	rea =	672.00	sq. ft.
Average Saturation (or depth) of spill =		0.06	inches
Average Porosity Factor =		0.03	
	VOLUME OF LEAK		
Total Crude Oil	=	0.01	bbls
Total Produced	Water =	0.01	bbls
	TOTAL VOLUME OF LEAK		
Total Crude Oil	=	3.95	bbls
Total Produced	Water =	1.62	bbls
	TOTAL VOLUME RECOVERED		
Total Crude Oil	=	3.55	bbls

Total Produced Water =

Page 3

Oil Conservation Division

	Page 4 of 209
Incident ID	NRM2022151947
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>50-100</u> (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
- \boxtimes 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: 10/22/2	020 4:38:05 PM State of New Mex	ing		Page 5 of 202
			Incident ID	NRM2022151947
Page 4	Oil Conservation Div	vision	District RP	
			Facility ID	
			Application ID	
regulations all operators are public health or the environm failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: Signature:	rmation given above is true and comple required to report and/or file certain rel nent. The acceptance of a C-141 repor ate and remediate contamination that po f a C-141 report does not relieve the op <u>Kyle Littrell</u> ell@xtoenergy.com	lease notifications and perfect by the OCD does not relie ose a threat to groundwater perator of responsibility for Title:SH Date:	orm corrective actions for releve the operator of liability slower the operator of liability slower, surface water, human health compliance with any other for the supervisor set of the supervisor se	leases which may endanger hould their operations have h or the environment. In ederal, state, or local laws
OCD Only Received by:		Date: _		

Received by OCD: 10/22/2020 4:38:05 PM Form C-141 State of New Mexico

Page 5

Oil Conservation Division

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

	Page 6 of 209
Incident ID	NRM2022151947
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 Supervisor _____ Signature: _____ Date: _____ Telephone: ____(432)-221-7331_____ email: Kyle Littrell@xtoenergy.com OCD Only Received by: _____ Date: ____ Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: Date:

LT Environmental, Inc.

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

A proud member of WSP

October 20, 2020

District 1 New Mexico Oil Conservation Division 1625 N. French Drive Hobbs, New Mexico 88240

RE: Deferral Request Perla Verde 4 Incident Number NRM2022151947 Lea County, New Mexico

To Whom It May Concern:

LT Environmental, Inc. (LTE), on behalf of XTO Energy, Inc. (XTO), presents the following Deferral Request detailing site assessment, excavation, and soil sampling activities at the Perla Verde 4 (Site) located in Unit P, Section 31, Township 19 South, Range 35 East, in Lea County, New Mexico (Figure 1). The purpose of the site assessment, excavation, and soil sampling activities was to address impacts to soil following a release of crude oil and produced water at the Site. Based on field observations, field screening activities, and soil sampling laboratory analytical results, XTO is submitting this Deferral Request, describing remediation that has occurred and requesting deferral of final remediation for Incident Number NRM2022151947 until the Site is reconstructed, and/or the well pad is abandoned.

RELEASE BACKGROUND

On July 24, 2020, the stuffing box packing blew out, resulting in the release of 3.95 barrels (bbls) of crude oil and 1.62 bbls of produced water onto the surface of the well pad in the area surrounding the wellhead. A vacuum truck was immediately dispatched to the Site to recover freestanding fluids, of which approximately 3.55 bbls of crude oil and 1.45 bbls of produced water were recovered. 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 7, 2020. The release was assigned Incident Number NRM2022151947.

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 50 to 100 feet below ground surface (bgs) based on the nearest groundwater well data. The nearest permitted groundwater well with depth to groundwater data is the United States Geological Survey (USGS) well number 323545103285701, located approximately 0.76 miles south-southeast of the Site. The



groundwater well has a depth to groundwater of 53 feet bgs and a total depth of 70 feet bgs. The next three closest wells support a depth to water determination between 50 to 100 feet bgs, ranging from 53 feet to 64 feet bgs. There are no other surface features, such as significant watercourses, vegetation, wetlands, or springs, suggesting the presence of shallow groundwater. Ground surface elevation at the water well location is 3,694 feet above mean sea level (amsl), which is approximately 9 feet lower in elevation than the Site. All wells used for depth to groundwater determination are depicted on Figure 1. The referenced well records are included in Attachment 1.

The closest continuously flowing water or significant watercourse to the Site is an unnamed dry wash approximately 1.41 miles north west 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). Site receptors are identified on Figure 1.

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
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

INITIAL SITE ASSESSMENT AND ANALYTICAL RESULTS

On August 19, 2020, LTE personnel inspected the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. LTE personnel collected four preliminary assessment soil samples (SS01 through SS04) 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 (EPA) Method 8021B; TPH-GRO, TPH-DRO, TPH-oil range organics (ORO) following EPA Method 8015M/D, and chloride following EPA Method 300.0.

Laboratory analytical results for preliminary soil samples SS02 through SS04 indicated that chloride and/or TPH-GRO/TPH-DRO and TPH concentrations exceeded the Closure Criteria. Laboratory analytical results for preliminary soil sample SS01 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with 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 October 5, 2020 through October 8, 2020, LTE personnel were at the Site to oversee delineation and excavation activities as indicated by visual observations, field screening activities, and laboratory analytical results for the preliminary soil samples. Based on field screening activities and laboratory analytical results for the preliminary and delineation soil samples, excavation activities were completed to remove impacted soil to the extent possible. Impacted soil was not excavated from the area immediately surrounding the wellhead due to XTO safety policy which restricts earth moving activities within 10 feet of an active wellhead. Excavation activities were performed using track-mounted backhoe and transport vehicle. To direct excavation activities, LTE screened soil for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach[®] chloride QuanTab[®] test strips, respectively. The excavation was completed to depths ranging from 1 foot to 2 feet bgs.

Following removal of impacted soil, LTE collected 5-point composite soil samples every 200 square feet from the sidewalls and floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS08 were collected from the floor of the excavation from depths ranging from 1 foot to 2 feet bgs. Composite samples SW01 through SW06 were collected from sidewalls of the excavation from depths ranging from ground surface to 2 feet bgs. Additionally, discrete sidewall samples SW05A and SW05B were collected from depths of 1 foot and 2 feet bgs from the excavation sidewall adjacent to the wellhead, to assess the vertical extent of impacted soil that was left in place. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3. Photographic documentation was conducted during the site visits. A photographic log is included in Attachment 3.



The excavation measured approximately 1,600 square feet. A total of approximately 125 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Facility in Hobbs, New Mexico. After completion of confirmation sampling, the excavation areas were secured with fencing.

Boreholes BH01 through BH03 and pothole PH01 were advanced via hand auger or backhoe to depths ranging from 2 feet to 3 feet bgs, to delineate the lateral and vertical extent of impacted soil identified too close to the active wellhead to excavate. Delineation soil samples were collected from the boreholes and pothole from depths ranging from 1 foot to 3 feet bgs. Soil from the boreholes and pothole 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 the boreholes and pothole were logged on lithologic/soil sampling logs, which are included in Attachment 2. The boreholes, pothole, and delineation soil sample locations are presented on Figure 4. The delineation soil samples were collected, handled, and analyzed as described above at Xenco in Carlsbad, New Mexico.

SOIL ANALYTICAL RESULTS

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

Laboratory analytical results for excavation samples FS01 through FS08, SW01 through SW04, and SW06, collected from the final excavation extent, indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria.

Laboratory analytical results for composite sidewall sample SW05 and discrete sidewall sample SW05A, collected adjacent to the wellhead, indicated that TPH-GRO/TPH-DRO and TPH concentrations exceeded the Closure Criteria. Discrete sidewall sample SW05B, collected adjacent to the wellhead from depth of 2 feet bgs, was compliant with the Closure Criteria and confirmed that the impacted soil left in place immediately surrounding the wellhead was delineated vertically and did not exceed a depth of 2 feet bgs. Laboratory analytical results for the remaining delineation soil samples collected from boreholes BH01 through BH03 and pothole PH01 indicated that benzene, BTEX, TPH-GRO/TPH-DRO, TPH, and chloride concentrations were compliant with Closure Criteria. The laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are provided in Attachment 4.

DEFERRAL REQUEST

A total of approximately 125 cubic yards of impacted soil were excavated from the Site; however, residual impacted soil was left in place immediately surrounding the wellhead for compliance with XTO safety policy regarding earth moving activities within 10 feet of active wellheads.



Laboratory analytical results for excavation sidewall samples SW05 and SW05A indicated that soil with TPH-GRO/TPH-DRO and TPH concentrations exceeding the Closure Criteria was left in place. This XTO safety policy is established to protect workers and reduce the likelihood of compromising the foundation of the wellhead/wellbore. This policy was enforced where impacted soil was identified within 10 feet of the wellhead in excavation sidewall samples SW05/SW05A.

The impacted soil remaining in place is delineated vertically and laterally by excavation soil samples SW01 through SW04, SW05B, SW06, and FS01 through FS08, collected from the sidewalls and floor of the final excavation extent, and delineation soil samples collected from boreholes BH01 through BH03 and pothole PH01. An estimated 25 cubic yards of impacted soil remains in place, assuming a maximum 2-foot depth based on the excavation and delineation soil samples listed above, that were compliant with the Closure Criteria.

XTO requests to complete final remediation during any future major construction/alteration or final plugging and abandonment, whichever occurs first. LTE and XTO do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The majority of the released fluids were recovered during initial response activities, the impacted soil remaining in place is limited to the area immediately around the pumpjack and wellhead, and no saturated soil remains in-place. XTO requests deferral of final remediation for Incident Number NRM2022151947.

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

Sincerely,

LT ENVIRONMENTAL, INC.

pen 1

Spencer Lo Staff Geologist

Ashley L. ager

Ashley L. Ager, P.G. Senior Geologist

cc: Kyle Littrell, XTO Robert Hamlet, NMOCD Victoria Venegas, NMOCD Ryan Mann, New Mexico State Land Office



Attachments:

- Figure 1 Site Location Map
- Figure 2 Preliminary Soil Sample Locations
- Figure 3 Excavation Soil Sample Locations
- Figure 4 Delineation Soil Sample Locations
- Table 1Soil Analytical Results
- Attachment 1 Referenced Well Records
- Attachment 2 Lithologic/Sampling Log
- Attachment 3 Photographic Log
- Attachment 4 Laboratory Analytical Report

Received by OCD: 10/22/2020 4:38:05 PM

FIGURES











Received by OCD: 10/22/2020 4:38:05 PM

TABLES



TABLE 1 SOIL ANALYTICAL RESULTS

PERLA VERDE 4 INCIDENT NUMBER NRM2022151947 LEA 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	10,000
SS01	0.5	08/19/2020	<0.00201	< 0.00201	< 0.00201	< 0.00201	<0.00201	<50.0	753	141	753	894	1,050
SS02	0.5	08/19/2020	<0.100	7.20	12.7	35.3	55.2	2,220	20,800	1,970	23,000	25,000	337
SS03	0.5	08/19/2020	<0.100	1.47	4.52	9.51	15.5	934	25,300	3,500	26,200	29,700	2,230
SS04	0.5	10/08/2020	<0.00200	0.00448	0.0210	0.0552	0.0807	<49.9	3330	378	3,330	3,710	5,080
BH01	1	10/06/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.1	62.9	<50.1	62.9	62.9	82.2
BH01A	2	10/06/2020	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<50.1	<50.1	<50.1	<50.1	<50.1	132
BH02	1	10/06/2020	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	214
BH02A	2	10/06/2020	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50.0	194
BH03	3	10/08/2020	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	<49.9	185
PH01	1	10/05/2020	< 0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<50.1	<50.1	<50.1	<50.1	<50.1	51.2
PH01A	2	10/05/2020	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<50.2	<50.2	<50.2	<50.2	<50.2	22.7
FS01	2	10/06/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	11.3
FS02	2	10/06/2020	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<50.0	16.2
FS03	2	10/06/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	12.6
FS04	2	10/06/2020	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<50.1	<50.1	<50.1	<50.1	<50.1	30.1
FS05	2	10/06/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	17.0
FS06	2	10/06/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	<10.0
FS07	2	10/06/2020	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	<50.1	<50.1	<50.1	<50.1	<50.1	69.8
FS08	1	10/06/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	252
SW01	0 - 2	10/08/2020	< 0.00201	<0.00201	< 0.00201	<0.00201	< 0.00201	<50.0	<50.0	<50.0	<50.0	<50.0	71.7
SW02	0 - 2	10/08/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	12.6
SW03	0 - 2	10/08/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	105



TABLE 1 SOIL ANALYTICAL RESULTS

PERLA VERDE 4 INCIDENT NUMBER NRM2022151947 LEA 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	10,000
SW04	0 - 1	10/08/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	154
SW05	0 - 2	10/08/2020	<0.00199	0.00433	0.133	0.514	0.651	176	3640	417	3,820	4,230	155
SW05A	1	10/08/2020	<0.00500	<0.00500	0.126	0.528	0.654	362	4770	547	5,130	5,680	116
SW05B	2	10/08/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<49.8	69.6	<49.8	69.6	69.6	31.5
SW06	0 - 2	10/08/2020	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	200

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

Greyed data represents samples that were excavated



Received by OCD: 10/22/2020 4:38:05 PM



USGS 323545103285701 20S.35E.05.31424

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°35'59", Longitude 103°29'03" NAD27 Lea County, New Mexico , Hydrologic Unit 13060011 Well depth: 70 feet Land surface altitude: 3,685.00 feet above NGVD29. Well completed in "Ogallala Formation" (1210GLL) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count	
Field groundwater-level measurements	1961-03-08	1996-01-25	8	
Revisions	Unavailable (site:0) (timeseries:0			

OPERATION:

Page 23 of 209

Received by OCD: 10/22/2020 4:38:05 PM

USGS 323545103285701 20S.35E.05.31424



Released to Imaging: 2/15/2021 8:19:17 AM Period of approved data

USGS 323440103291401 20S.35E.07.44420

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°34'40", Longitude 103°29'14" NAD27 Lea County, New Mexico , Hydrologic Unit 13060011 Well depth: not determined. Land surface altitude: 3,692 feet above NAVD88. Well completed in "Ogallala Formation" (1210GLL) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count	
Field groundwater-level measurements	1961-03-08	1986-03-03	7	
Revisions	Unavailable (site:0) (timeseries:0)			

OPERATION:

Page 25 of 209

Received by OCD: 10/22/2020 4:38:05 PM





. Released to Imaging: 2/15/2021 8:19:17 AM Period of approved data

USGS 323536103301101 20S.35E.06.331332

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°35'50", Longitude 103°30'17" NAD27 Lea County, New Mexico , Hydrologic Unit 13060011 Well depth: 70 feet Land surface altitude: 3,678.00 feet above NGVD29. Well completed in "Ogallala Formation" (1210GLL) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count	
Field groundwater-level measurements	1961-03-08	1996-03-05	6	
Revisions	Unavailable (site:0) (timeseries:0)			

OPERATION:

Page 27 of 209

Received by OCD: 10/22/2020 4:38:05 PM

USGS 323536103301101 20S.35E.06.331332



Released to Imaging: 2/15/2021 8:19:17 AM' Period of approved data

USGS 323616103272401 20S.35E.04.22131

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°36'16", Longitude 103°27'24" NAD27 Lea County, New Mexico , Hydrologic Unit 13060011 Well depth: not determined. Land surface altitude: 3,687 feet above NAVD88. Well completed in "Ogallala Formation" (1210GLL) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count	
Field groundwater-level measurements	1961-02-28	1986-04-02	6	
Revisions	Unavailable (site:0) (timeseries:0)			

OPERATION:

Page 29 of 209

Received by OCD: 10/22/2020 4:38:05 PM

USGS 323616103272401 20S.35E.04.22131



. Released to Imaging: 2/15/2021 8:19:17 AM Period of approved data

USGS 323808103265601 19S.35E.22.334234

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°38'08", Longitude 103°26'56" NAD27 Lea County, New Mexico , Hydrologic Unit 13070007 Well depth: 50 feet Land surface altitude: 3,733 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	1961-02-28	1971-01-27	3	
Revisions	Unavailable (site:0) (timeseries:0)			

OPERATION:

Received by OCD: 10/22/2020 4:38:05 PM

Page 31 of 209

USGS 323808103265601 19S.35E.22.334234



. Released to Imaging: 2/15/2021 8:19:17 AM Period of approved data

USGS 323808103265701 19S.35E.22.33423

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°38'08", Longitude 103°26'57" NAD27 Lea County, New Mexico , Hydrologic Unit 13070007 Well depth: not determined. Land surface altitude: 3,733 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	1954-07-28	1954-07-28	1	
Revisions	Unavailable (site:0) (timeseries:0)			

OPERATION:

Page 33 of 209

Received by OCD: 10/22/2020 4:38:05 PM

USGS 323808103265701 19S.35E.22.33423



. Released to Imaging: 2/15/2021 8:19:17 AM Period of approved data

USGS 323832103264901 19S.35E.22.14341

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°38'32", Longitude 103°26'49" NAD27 Lea County, New Mexico , Hydrologic Unit 13070007 Well depth: 45 feet Land surface altitude: 3,742 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	1963-03-19	1991-04-17	7	
Revisions	Unavailable (site:0) (timeseries:0)			

OPERATION:

Page 35 of 209

Received by OCD: 10/22/2020 4:38:05 PM

USGS 323832103264901 19S.35E.22.14341



. Released to Imaging: 2/15/2021 8:19:17 AM Period of approved data

USGS 323855103294001 19S.35E.19.21110

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°38'55", Longitude 103°29'40" NAD27 Lea County, New Mexico , Hydrologic Unit 13060011 Well depth: not determined. Land surface altitude: 3,841 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	1961-03-08	1971-01-27	3
Revisions	Unavailable (site:0) (timeseries:0)		

OPERATION:


Released to Imaging: 2/15/2021 8:19:17 AM Period of approved data

Page 37 of 209

USGS 323856103265801 19S.35E.15.334424

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°38'56", Longitude 103°26'58" NAD27 Lea County, New Mexico , Hydrologic Unit 13070007 Well depth: not determined. Land surface altitude: 3,751 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	1961-03-03	2001-01-31	10
Revisions	Unavailable (site:0) (timese	eries: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-Data</u> <u>Inquiries</u>

Page 39 of 209

USGS 323856103265801 19S.35E.15.334424



Released to Imaging: 2/15/2021 8:19:17 AM Period of approved data

USGS 323857103265901 19S.35E.15.33434

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°38'57", Longitude 103°26'59" NAD27 Lea County, New Mexico , Hydrologic Unit 13070007 Well depth: not determined. Land surface altitude: 3,752 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	1966-02-09	1971-01-27	2
Revisions	Unavailable (site:0) (timese	eries: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-Data</u> <u>Inquiries</u>

Page 41 of 209

USGS 323857103265901 19S.35E.15.33434



. Released to Imaging: 2/15/2021 8:19:17 AM Period of approved data



	(quarters are 1=NW 2=NE	2 3=SW 4=SE)		
	(quarters are smallest to]	largest)	(NAD83 UTM in meters)	
POD Number	Q64 Q16 Q4 Sec	Tws Rng	X Y	
CP 00683 POD1	3 3 4 25	19S 34E	639530 3610685* 🌍	
ense: 46	Driller Company:	ABBOTT BF	ROTHERS COMPANY	
ne: MURRELL ABI	BOTT			
Date: 07/18/1985	Drill Finish Date:	07/20/1985	Plug Date:	
nte: 08/16/1985	PCW Rcv Date:		Source:	Shallow
:	Pipe Discharge Size:		Estimated Yield:	1 GPM
: 4.00	Depth Well:	120 feet	Depth Water:	28 feet
	CP 00683 POD1 ense: 46 ne: MURRELL AB Date: 07/18/1985 nte: 08/16/1985	POD Number Q64 Q16 Q4 Sec CP 00683 POD1 3 3 4 25 ense: 46 Driller Company: me: MURRELL ABBOTT Date: 07/18/1985 Drill Finish Date: me: 08/16/1985 PCW Rcv Date: ense: Pipe Discharge Size:	CP 00683 POD1 3 3 4 25 19S 34E ense: 46 Driller Company: ABBOTT BI ne: MURRELL ABBOTT Date: 07/18/1985 Drill Finish Date: 07/20/1985 nte: 08/16/1985 PCW Rcv Date: :: Pipe Discharge Size:	POD NumberQ64 Q16 Q4SecTwsRngXYCP 00683 POD13342519834E6395303610685* •ense:46Driller Company:ABBOTT BROTHERS COMPANYne:MURRELL ABBOTTDate:07/18/1985Drill Finish Date:07/20/1985Plug Date:net:08/16/1985PCW Rcv Date:Source:ense:Pipe Discharge Size:Estimated Yield:

*UTM location was derived from PLSS - see Help

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.



		(1	ers are 1=1 ters are sr			(NAD82 II				
Well Tag PO	D Number	••			c Tws Rng		(INAD65 C	(NAD83 UTM in meters) X Y		
-	02250	1	3 3			35E	645137	3612586*	•	
x Driller License:	144	Driller	Compa	nny:	QU	ARLES	DRILLING	G COMPANY		
Driller Name:	QUARLES, O.L.									
Drill Start Date:	04/01/1954	Drill F	inish Da	ate:	04	4/01/1954	4 Pl	ug Date:		
Log File Date:	PCW I	Rcv Dat	e:			So	urce:	Shallow		
Pump Type:	Pipe D	ischarg	e Size	:		Es	timated Yield	:		
Casing Size:	Depth	Well:		50) feet	De	pth Water:	20 feet		
wa	ter Bearing Stratifica	ations:]	Гор	Bottom	Descr	iption			
				20	40	Sandst	tone/Grave	l/Conglomerate	e	
				40	49	Sands	tone/Grave	l/Conglomerate	e	
x	Casing Perfor	rations:]	Гор	Bottom	l				
				20	48					

*UTM location was derived from PLSS - see Help

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.



Well Tag PC		(quarters are sma		W 4=SE)	(NAD83 UTM in meters)				
)D Number	Q64 Q16 Q4	U U	· · · ·	X Y				
8	03843	3 3	22 19S	0	545238 3612487*				
Driller License:	: 111	Driller Compan	ıy: BU	JRKE, EDW	ARD B.				
Driller Name:									
Drill Start Date	e: 04/22/1958	Drill Finish Dat	e:	04/22/1958	Plug Date:				
Log File Date:	04/30/1958	PCW Rev Date:	:		Source:	Shallow			
Pump Type:		Pipe Discharge	Size:		Estimated Yield:				
Casing Size:	7.00	Depth Well:	,	73 feet	Depth Water:	27 feet			

*UTM location was derived from PLSS - see Help

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.



			(quarters ar (quarters a					(NAD83 U		
Well Tag	POD	Number	Q64 Q16					X	Y	
8	L 0.	3844	1	3	22		35E	645232	3612891*	
x Driller Lice	ense:	111	Driller Co	npan	y:	BU	RKE, El	DWARD B.		
Driller Nar	ne:									
Drill Start	Date:	04/23/1958	Drill Finis	h Dat	e:	04	4/23/195	58 Pl	ug Date:	05/27/1958
Log File Da	ate:	04/30/1958	PCW Rev	Date:				So	urce:	Shallow
Pump Type	e:		Pipe Disch	arge	Size:			Es	timated Yiel	d:
Casing Size	e:	7.00	Depth Wel	l:		7	l feet	De	epth Water:	27 feet
x	Wate	er Bearing Stratif	fications:	То	рE	Bottom	Desci	ription		
				5	5	59	Sands	stone/Grave	l/Conglomera	te
x		Casing Per	forations:	То	рE	Bottom	l			
				2	2	64				

*UTM location was derived from PLSS - see Help

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.



			(quarters a (quarters		TM in meters)					
Well Tag	POD	Number	Q64 Q1	Q64 Q16 Q4 Sec		Tws	Rng	X	Ŷ	
	L 04	4101	3	3	22	19S	35E	645238	3612487*	
^x Driller Lice	ense:	205	Driller Co	ompar	ıy:	WF	IGHT, V	WILLIAM	C.	
Driller Nan	ne:									
Drill Start	Date:	12/10/1959	Drill Finis	sh Dat	te:	1	2/11/195	59 Pl	ug Date:	
Log File Da	nte:	12/18/1959	PCW Rev	Date	:			So	urce:	Shallow
Pump Type	:		Pipe Discl	harge	Size:			Es	timated Yiel	d:
Casing Size	:	6.63	Depth We	ll:		5) feet	De	epth Water:	35 feet
x	Wate	er Bearing Stratif	ications:	То	p I	Botton	Desci	ription		
				3	38	48	Sands	stone/Grave	l/Conglomera	te
x		Casing Per	forations:	То	p I	Botton				
				-	30	5(

*UTM location was derived from PLSS - see Help

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.



			(quarters a (quarters				(NAD83 UTM in meters)				
Well Tag	POD	Number	Q64 Q1					(NAD63 C	Y Y		
	L 04		3	-	06		35E	640483	3607561*		
x Driller Lic	ense:	208	Driller Co	mpa	ny:	VA	N NOY,	W.L.			
Driller Na	me:										
Drill Start	Date:	12/12/1959	Drill Finis	sh Da	te:	1	2/13/195	9 PI	ug Date:		
Log File D	ate:	12/18/1959	PCW Rev	Date	:			So	urce:	Shallow	
Pump Typ	e:		Pipe Discl	ıarge	Size:			Es	timated Yield	l:	
Casing Siz	æ:	5.00	Depth We	11:		7) feet	D	epth Water:	64 feet	
x	Wate	er Bearing Stratif	fications:	Т	op I	Botton	Descr	iption			
					65	68	Sands	tone/Grave	l/Conglomerat	e	
x		Casing Per	forations:	Т	op H	Botton	l				
					50	70					

*UTM location was derived from PLSS - see Help

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.



			(quarters a (quarters				(NAD83 UTM in meters)				
Well Tag	POD	Number	Q64 Q1	Q16 Q4 Sec		Tws	Rng	X	Y		
	L 04	4158	2	. 4	05	20S	35E	643290	3608008* 🧉		
^x Driller Lic	ense:	208	Driller Co	ompar	ıy:	VA	N NOY,	W.L.			
Driller Na	me:										
Drill Start	Date:	12/11/1959	Drill Fini	sh Dat	te:	1	2/12/195	9 P I	ug Date:		
Log File D	ate:	12/18/1959	PCW Rev	Date	:			Sa	urce:	Shallow	
Pump Typ	e:		Pipe Disc	harge	Size:			Es	timated Yield	l :	
Casing Siz	e:	5.00	Depth We	ell:		7) feet	De	epth Water:	64 feet	
x	Wate	er Bearing Stratif	ïcations:	Та	p E	Botton	Descr	iption			
				(55	68	Sands	tone/Grave	l/Conglomerat	e	
x		Casing Per	forations:	То	op E	Botton	l				
					50	70					

*UTM location was derived from PLSS - see Help

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.



			(quarters and (quarters and (quarters))				(NAD83 UTM in meters)				
Well Tag	POD	Number	Q64 Q1					X	Y Y		
8	L 04	4290	3 4	-	22	19S	35E	645528	3613198*		
x Driller Lic	ense:	111	Driller Co	mpan	y:	BU	RKE, EI	DWARD B.			
Driller Nar	ne:										
Drill Start	Date:	09/22/1959	Drill Finis	h Date	e:	0	9/22/195	59 Pl	ug Date:		
Log File Da	ate:	10/09/1959	PCW Rcv	Date:				So	urce:	Shallow	
Pump Type	Pump Type: Pipe Discharge Size				Size:			Es	timated Yield	l:	
Casing Size	Casing Size: 6.00 Depth We		11:		4	5 feet	De	pth Water:	18 feet		
x	Wate	r Bearing Stratif	fications:	Тој	p E	Bottom	Descr	ription			
				18	8	32	Sands	stone/Grave	l/Conglomerat	te	
x		Casing Per	forations:	Тој	рВ	Bottom					
				10	n	40					

*UTM location was derived from PLSS - see Help

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.



								NE 3=SW o largest		·	983 UT	M in meters)	
Well Tag	POD	Number		Q64	4 Q16	Q4	Sec	ec Tws Rng			Х	Y	
NA	L 08	3941		2	3	3	19	19S	35E	640:	510	3612523	
x Driller Licer	nse:	319		Drille	er Co	mpan	ıy:	NE	W MI	EXICO S	ГАТЕ	HIGHWAY	DEPT.
Driller Nam	e:	LOVELA	CE										
Drill Start D	Date:	07/08/19	982	Drill	Finisl	h Dat	e:	08	8/09/1	982	Plu	g Date:	
Log File Dat	te:	08/30/19	982	PCW	Rcv	Date	:				Sou	irce:	Shallow
Pump Type:				Pipe I	Disch	arge	Size	:			Est	imated Yield	l: 12 GPM
Casing Size:	:	6.63		Depth	n Wel	l:		6	00 fee	t	Dej	oth Water:	286 feet
x	Wate	r Bearing	Stratifica	tions:		То	рI	Bottom	Des	scription			
						28	0	295	Sar	- ndstone/G	ravel	Conglomerat	te
						51	0	560		ner/Unkno		C	
x		Casi	ng Perfor	ations:		То	p I	Bottom	1				
			C			28	1	306	5				
						51	0	530)				
						56	0	570)				
x	Mete	r Number	:	17820			Ν	Meter	Make	:	ΤU	JRBINES IN	С
	Mete	r Serial N	umber: ()80516	01		Ι	Meter 1	Multi	plier:	1.(0000	
	Num	ber of Dia	ls:	7			Ι	Meter	Гуре:		Di	version	
	Unit	of Measu	re: I	Barrels	42 ga	l.	I	Return	Flow	Percent	:		
	Usag	e Multipli							-	quency:		onthly	
Meter Re	x eadin	gs (in Acr											
Read		Year	Mtr Rea	ding	Flag	R	dr (Comm	ent			Mt	r Amount Online
03/01/	2017	2017	1	7259	A	ap	,						0
12/01/2	2017	2017	4	2330	А	ap	,						3.231
01/01/	2018	2018	4	2330	А	ap)						0
03/01/	2018	2018	5	0271	А	aŗ	,						1.024
06/01/2	2018	2018	6	2582	А	ap	,						1.587
07/01/2	2018	2018	6	8319	А	aŗ	,						0.739
08/01/	2018	2018	6	9669	A	aŗ)						0.174
09/01/	2018	2018	7	0515	А	ap)						0.109
11/01/2	2018	2018	7.	5584	A	aŗ)						0.653
12/01/2	2018	2018	7	8697	А	aŗ)						0.401
× **YTI	D Me	ter Amou	nts: Year		1	Amo	unt						
			2017			3.2	231						
			2018			4.6							

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.



			••	rs are 1=N						
				ers are sm					TM in meters)	
Well Tag	POD	Number	Q64 (Q16 Q4	Sec	Tws	Rng	Х	Y	
	L 1	2473 POD1	2	1 2	27	19S	38E	643913	3612109 🌍	
Driller Lic	ense:	1607	Driller	Compa	ny:	DU	RAN DR	ILLING		
Driller Na	me:	DURAN, LUIS (LD)							
Drill Start	Date:	10/01/2009	Drill Fi	nish Da	te:	1(/05/2009) Plu	ug Date:	
Log File D	ate:	10/21/2009	PCW Rcv Date:					So	urce:	Shallow
Pump Type: Pi				scharge	Size:	:		Es	timated Yield:	200 GPM
Casing Siz	Casing Size: 5.00			Well:		10	5 feet	De	pth Water:	60 feet
ĸ	Wate	er Bearing Stratif	ications:	Т	op l	Bottom	Descri	ption		
					60	83	Sandsto	one/Grave	/Conglomerate	
x		Casing Per	forations:	Т	op l	Bottom				
					65	105				

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.



			(1	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)		
Well Tag	POD) Number	Q64 Q	Q64 Q16 Q4 Sec					Χ			
	L 1	2746 POD1	4 2	2 4	27	19S	38E	6439	13	3612109 🧧		
x Driller Lic	ense:	1626	Driller C	ompa	ny:	TAY	LOR,	ROY AI	LEN	1		
Driller Na	me:	TAYLOR, ROY	ALLEN									
Drill Start	Date:	04/06/1977	Drill Fini	sh Da	te:	04	4/08/20	11	Plu	g Date:		
Log File D	ate:	05/02/2011	PCW Rc	v Date	:				Sou	rce:	Shallow	
Ритр Тур	e:	SUBMER	Pipe Disc	harge	Size:	2:			Estimated Yield		30 GPM	
Casing Siz	e:	6.00	Depth W	Depth Well:					Depth Water:		58 feet	
x	Wate	er Bearing Stratif	ications:	Т	op I	Bottom	Desc	ription				
				:	59	66	Other	r/Unknov	wn			
					66	125	Sands	stone/Gr	avel/	Conglomerate	:	
x		Casing Per	forations:	T	op I	Bottom						
					68	128						

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.



1	2		LT Envi	ronmenta	l, Inc.		BH or PH Name: PHOI	Date: 10 - 5. 20
ALZ	-		508 Wes	st Stevens New Mexic	Street	r.	the second se	Verde 4
A proud me	ember		Jansuad, I	vew mexic	0 00220		RP or Incident Number:	NRM2022151947
ofWSP							LTE Job Number:	
10. miles 1	LITH	DLOC	SIC / SOI	L SAMPI		OG	Logged By: 5 L	Method: Backhoe
Lat/Long:				Field Scree HACH Ch			Hole Diameter.	Total Depth: 2'
Comments:	-		. 1	HACHCI	ionde surp:	s, PID		
	\overline{H}	00	6			-		
Moisture Content Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Litho	logy/Remarks
b z186	17.6	N	PHoi			P sm	m-f, poorly graded	
D 2186	13.8		PHOLA	2	-	\$P sm	soul, brown, tan, no ou trace sill	dor, no stain, m-f, ovorly grad
					3 4 5 6 7 8 9 10 11		τ 9 e 2'	

IT	2		LT Envi 508 Wes	ronmenta t Stevens lew Mexic	l, Inc. Street		BH or PH Name: Date: 10-6.20
A proud me of WSP	ember	C	arlsbad, N	lew Mexic	o 88220		Site Name: Perla Verde 4 RP or Incident Number: NR M 2022 151947 LTE Job Number:
1906/1949/16-40	LITHO	LOCI		L SAMPL	INGLO)G	Logged By: SL Method: Hand Auger
at/Long:	Line	LUUI	ie / soi	Field Scree	ning:		Hole Diameter: Total Denth:
				HACH Chl	oride strips	, PID	2.25" 2'
Comments:	TD	22	'				
Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks
D <186	141,2	р	BHOI			CC 4E	Caliché, odor. no stain, tan brown, offwhite, Some sand, m-f, poorly graded
D 2186	32.3	4	BHOLA	2	2	st sm	sand, Brown, odor, no stain, m-f, poorly graded, trace sit
					3 4 5 6 7 8 9 10 11		De 2'

A proud member of WSP	LT Envir 508 Wes Carlsbad, N	r onmental, Inc. t Stevens Street lew Mexico 88220)	BH or PH Name: BH 02 Site Name: Perla Ve RP or Incident Number: NR LTE Job Number:	Date: 10-6-20 rde 4 M 2022151947
LITH	DLOGIC / SOIL	L SAMPLING L	OG	Logged By: SL	Method: Hand Auger
Lat/Long:		Field Screening:		Hole Diameter: 2. 2.5 ^{-1/-}	Total Depth: 2 '
Comments:		HACH Chloride strip	os, PID		
Comments. 7	oez'				
Moisture Content Chloride (ppm) Vapor (ppm)	Staining Sample #	Sample Depth (ft bgs) Depth (ft bgs)			ogy/Remarks
D 186 0.4	N BHOZ		CCHE	Calicher mo odor, no some send, m-f, poo	stain, tan, off white, brown orly graded
D 269 1.4	N BHOZA	2 2	sp sm	sand, Brown, no odor, no trace sitt	stain, 74-f, poorly graded,
				rdez'	

A proud mer of WSP	LT Environmental, Inc. 508 West Stevens Street Carlsbad, New Mexico 88220 LITHOLOGIC / SOIL SAMPLING LOG						RP or Incident Number:	Date: 10.8.20 A Verde 4 NRM 2022151947
I	LITHOLO	GIC / SOI	L SAMPLI	NGL	OG		LTE Job Number: Logged By: 5L	
t/Long:			Field Screenin	g:			Hole Diameter:	Method: Hand Anger Total Depth:
omments:	-	-	HACH Chlori	de strip	s, PID		2.25 "	3 '
	//	pe 3'				-		
Content Chloride (ppm)	Vapor (ppm) Staining	Sample #		Depth t bgs)			Lith	nology/Remarks
				0		0-2	PEN Excavation	ы N
2186 1	12.2 N	8H03	3		SP SM	Sand,	Brown, poorly trace silt	graded, no odor, no stain,
				0			ro e 3'	



PHOTOGRAPHIC LOG



Photograph 1: Northwest view of staining.



Photograph 3: Southern view of staining.



Photograph 2: Western view of staining.



Photograph 4: Northern view of excavation.

Perla Verde 4 Incident Number NRM2022151947 Photographs Taken: August 19, 2020 – October 6, 2020

Page 1 of 2



PHOTOGRAPHIC LOG



Photograph 5: Western view of excavation.



Photograph 7: Western view of backfilled excavation.



Photograph 6: Southern view of excavation.



Photograph 8: Southwest view of backfilled excavation.



Perla Verde 4 Incident Number NRM2022151947 Photographs Taken: August 19, 2020 – October 6, 2020 . *Released to Imaging: 2/15/2021 8:19:17 AM*

Page 2 of 2



Project Id:

Project Location:

Contact:

eurofins Environment Testing Xenco

012920121

Dan Moir

Lea County

Certificate of Analysis Summary 670427

LT Environmental, Inc., Arvada, CO

Project Name: Perla Verde 4

 Date Received in Lab:
 Wed 08.19.2020 12:31

 Report Date:
 08.21.2020 17:45

Project Manager: Jessica Kramer

	Lab Id:	670427-0	01	670427-00	02	670427-00	03		
Analysis Requested	Field Id:	SS01		SS02		SS03			
Analysis Kequestea	Depth:	0.5- ft		0.5- ft		0.5- ft			
	Matrix:	SOIL		SOIL		SOIL			
	Sampled:	08.19.2020	09:44	08.19.2020 ()9:47	08.19.2020 (09:50		
BTEX by EPA 8021B	Extracted:	08.19.2020	16:00	08.19.2020 1	16:00	08.19.2020	16:00		
	Analyzed:	08.19.2020	19:49	08.19.2020 2	20:09	08.19.2020 2	21:04		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Benzene		< 0.00201	0.00201	< 0.100	0.100	< 0.100	0.100		
Toluene		< 0.00201	0.00201	7.20	0.402	1.47	0.400		
Ethylbenzene		< 0.00201	0.00201	12.7	0.402	4.52	0.400		
m,p-Xylenes		< 0.00402	0.00402	23.3	0.803	5.72	0.800		
o-Xylene		< 0.00201	0.00201	12.0	0.402	3.79	0.400		
Total Xylenes		< 0.00201	0.00201	35.3	0.402	9.51	0.400		
Total BTEX		< 0.00201	0.00201	55.2	0.100	15.5	0.100		
Chloride by EPA 300	Extracted:	08.19.2020	16:31	08.19.2020 1	16:31	08.19.2020	16:31		
	Analyzed:	08.19.2020	20:21	08.19.2020 2	20:27	08.19.2020 2	20:32		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Chloride		1050	10.0	337	10.1	2230	50.2		
TPH by SW8015 Mod	Extracted:	08.19.2020	16:00	08.19.2020 1	16:00	08.19.2020	16:00		
	Analyzed:	08.19.2020	18:19	08.19.2020 1	18:59	08.19.2020	19:19		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	2220	250	934	251		
Diesel Range Organics (DRO)		753	50.0	20800	250	25300 D	501		
Motor Oil Range Hydrocarbons (MRO)		141	50.0	1970	250	3500	251		
Total GRO-DRO		753	50.0	23000	250	26200	251		
Total TPH		894	50.0	25000	250	29700	251		

BRL - Below Reporting Limit

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

Jession Vramer

Page 1 of 15

eurofins Environment Testing Xenco

Analytical Report 670427

for

LT Environmental, Inc.

Project Manager: Dan Moir

Perla Verde 4

012920121

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)

08.21.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 670427 Perla Verde 4 Project Address: Lea 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) 670427. 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. 670427 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 670427

Perla Verde 4

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS01	S	08.19.2020 09:44	0.5 ft	670427-001
SS02	S	08.19.2020 09:47	0.5 ft	670427-002
SS03	S	08.19.2020 09:50	0.5 ft	670427-003

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Perla Verde 4

 Project ID:
 012920121

 Work Order Number(s):
 670427

 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

Certificate of Analytical Results 670427

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SS01Lab Sample Id:670427-001		Matrix: Date Co	Soil llected: 08.19.2020 09:44		Date Received:08.19 Sample Depth: 0.5 f		31
Analytical Method: Chloride by EP	PA 300				Prep Method: E300)P	
Tech: MAB					% Moisture:		
Analyst: MAB		Date Pre	ep: 08.19.2020 16:31		Basis: Wet	Weight	
Seq Number: 3135047	Date riep. 00.19.2020 10.51 Dasis. We	U					
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1050	10.0	mg/kg	08.19.2020 20:21		1
Analytical Method: TPH by SW80	15 Mod				Prep Method: SW8	8015P	
Analytical Method:TPH by SW80.Tech:DTHAnalyst:DTHSeq Number:3135054	15 Mod	Date Pre	p: 08.19.2020 16:00		% Moisture:	8015P Weight	
Tech: DTH Analyst: DTH Seq Number: 3135054	15 Mod Cas Number	Date Pre Result	p: 08.19.2020 16:00 RL	Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3135054 Parameter			r.	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3135054 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3135054 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610	Result <50.0	RL 50.0	mg/kg	% Moisture: Basis: Wet Analysis Date 08.19.2020 18:19	Weight Flag	1
Tech: DTH Analyst: DTH Seq Number: 3135054 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO	Result <50.0 753	RL 50.0 50.0	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 08.19.2020 18:19 08.19.2020 18:19	Weight Flag	1 1
Tech: DTH Analyst: DTH	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.0 753 141	RL 50.0 50.0 50.0	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 08.19.2020 18:19 08.19.2020 18:19 08.19.2020 18:19 08.19.2020 18:19 08.19.2020 18:19	Weight Flag	1 1 1

130

121

111-85-3

84-15-1

1-Chlorooctane

o-Terphenyl

.

08.19.2020 18:19

08.19.2020 18:19

70-135

70-135

%

%

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SS01Lab Sample Id:670427-001		Soil 08.19.2020 09:44	Date Received Sample Depth	:08.19.2020 12:31 : 0.5 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3135050	Date Prep:	08.19.2020 16:00	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	08.19.2020 19:49	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	08.19.2020 19:49	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	08.19.2020 19:49	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	08.19.2020 19:49	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	08.19.2020 19:49	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	08.19.2020 19:49	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	08.19.2020 19:49	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	102	%	70-130	08.19.2020 19:49		
4-Bromofluorobenzene		460-00-4	103	%	70-130	08.19.2020 19:49		

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: SS02 Lab Sample Id: 670427-002		Matrix: Date Collec	Soil eted: 08.19.2020 09:47		Date Received:08. Sample Depth: 0.5		:31
Analytical Method: Chloride by EPA	A 300				Prep Method: E30	00P	
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	337	10.1	mg/kg	08.19.2020 20:27		1
Analytical Method: TPH by SW801: Tech: DTH Analyst: DTH Seq Number: 3135054	5 Mod	Date Prep:	08.19.2020 16:00		Prep Method: SW % Moisture: Basis: We	8015P t Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	2220	250	mg/kg	08.19.2020 18:59		5
Diesel Range Organics (DRO)	C10C28DRO	20800	250	mg/kg	08.19.2020 18:59		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	1970	250	mg/kg	08.19.2020 18:59		5

Total TPH	PHC635	25000	250		mg/kg	08.19.2020 18:59		5
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	106	%	70-135	08.19.2020 18:59		
o-Terphenyl		84-15-1	101	%	70-135	08.19.2020 18:59		

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: SS02 Lab Sample Id: 670427-002	Matrix: Date Collecte	Soil ed: 08.19.2020 09:47	Date Received:08.19.2020 12:31 Sample Depth: 0.5 ft		
Analytical Method: BTEX by EPA 8021B Tech: MAB Analyst: MAB	Date Prep:	08.19.2020 16:00	Prep Method % Moisture: Basis:	l: SW5035A Wet Weight	
Seq Number: 3135050					

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.100	0.100		mg/kg	08.19.2020 20:09	U	200
Toluene	108-88-3	7.20	0.402		mg/kg	08.19.2020 20:09		200
Ethylbenzene	100-41-4	12.7	0.402		mg/kg	08.19.2020 20:09		200
m,p-Xylenes	179601-23-1	23.3	0.803		mg/kg	08.19.2020 20:09		200
o-Xylene	95-47-6	12.0	0.402		mg/kg	08.19.2020 20:09		200
Total Xylenes	1330-20-7	35.3	0.402		mg/kg	08.19.2020 20:09		200
Total BTEX		55.2	0.100		mg/kg	08.19.2020 20:09		200
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	102	%	70-130	08.19.2020 20:09		
1,4-Difluorobenzene		540-36-3	95	%	70-130	08.19.2020 20:09		

eurofins Environment Testing Xenco

Certificate of Analytical Results 670427

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: SS03 Lab Sample Id: 670427-003		Matrix: Date Collec	Soil ted: 08.19.2020 09:50		Date Received:08.19.2020 12:3 Sample Depth: 0.5 ft		
Analytical Method: Chloride by EPA	A 300				Prep Method: E3	00P	
Tech: MAB					% Moisture:		
Analyst: MAB		Date Prep:	08.19.2020 16:31		Basis: We	et Weight	
Seq Number: 3135047							
Parameter	Cas Number	Result J	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	2230	50.2	mg/kg	08.19.2020 20:32		5
Analytical Method: TPH by SW8015 Tech: DTH Analyst: DTH Seq Number: 3135054	5 Mod	Date Prep:	08.19.2020 16:00		Prep Method: SW % Moisture: Basis: We	V8015P et Weight	
Tech: DTH Analyst: DTH	5 Mod Cas Number	ľ	08.19.2020 16:00 RL	Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3135054		ľ		Units mg/kg	% Moisture: Basis: We	et Weight	Dil 5
Tech: DTH Analyst: DTH Seq Number: 3135054 Parameter	Cas Number	Result I	RL		% Moisture: Basis: We Analysis Date	et Weight	
Tech: DTH Analyst: DTH Seq Number: 3135054 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result J 934	RL 251	mg/kg	% Moisture: Basis: We Analysis Date 08.19.2020 19:19	et Weight Flag	5
Tech: DTH Analyst: DTH Seq Number: 3135054 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result 1 934 25300	RL 251 501	mg/kg mg/kg	% Moisture: Basis: We Analysis Date 08.19.2020 19:19 08.20.2020 11:32	et Weight Flag	5 10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-135	08.19.2020 19:19	
o-Terphenyl	84-15-1	82	%	70-135	08.19.2020 19:19	

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SS03Lab Sample Id:670427-003	Matrix:	Soil	Date Received:08.19.2020 12:31		
	Date Collecte	ed: 08.19.2020 09:50	Sample Depth: 0.5 ft		
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3135050	Date Prep:	08.19.2020 16:00	Prep Metho % Moisture Basis:	od: SW5035A e: Wet Weight	

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.100	0.100		mg/kg	08.19.2020 21:04	U	200
Toluene	108-88-3	1.47	0.400		mg/kg	08.19.2020 21:04		200
Ethylbenzene	100-41-4	4.52	0.400		mg/kg	08.19.2020 21:04		200
m,p-Xylenes	179601-23-1	5.72	0.800		mg/kg	08.19.2020 21:04		200
o-Xylene	95-47-6	3.79	0.400		mg/kg	08.19.2020 21:04		200
Total Xylenes	1330-20-7	9.51	0.400		mg/kg	08.19.2020 21:04		200
Total BTEX		15.5	0.100		mg/kg	08.19.2020 21:04		200
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	94	%	70-130	08.19.2020 21:04		
4-Bromofluorobenzene		460-00-4	99	%	70-130	08.19.2020 21:04		
Xenco

Environment Testing

🔅 eurofins

Flagging Criteria

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

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.	ND Not Detected			
RL Reporting Limit				
MDL Method Detection Limit	SDL Sample De	tection Limit	LOD Limit of Detection	
PQL Practical Quantitation Limit	MQL Method Qu	antitation Limit	LOQ Limit of Quantitatio	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/Labo	ratory Control Sample Duplicate
MD/SD Method Duplicate/Sam	ple Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered	l for this compound.			

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

Xenco

Environment Testing

🔅 eurofins

QC Summary 670427

LT Environmental, Inc.

Perla Verde 4

Analytical Method: Seq Number: MB Sample Id: Parameter	Chloride b 3135047 7709778-1-	-)0 Spike Amount		Matrix: nple Id: LCS %Rec	Solid 7709778- LCSD Result	l-BKS LCSD %Rec	Limits		RPD Limit	ep: 08.1	9.2020 9778-1-BSD Analysis Date	Flag
Chloride		<10.0	250	265	106	269	108	90-110	1	20	mg/kg	08.19.2020 19:42	
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride	Chloride b 3135047 670385-015	-)0 Spike Amount 199		Matrix: nple Id: MS %Rec 103	Soil 670385-0. MSD Result 205	15 S MSD %Rec 103	Limits 90-110		rep Metho Date Pro D Sample RPD Limit 20	ep: 08.1	0P 9.2020 385-015 SD Analysis Date 08.19.2020 19:59	Flag
Analytical Method: Seq Number: Parent Sample Id:	Chloride b 3135047 670438-001	-)0		Matrix: nple Id:	Soil 670438-00	01 S			ep Metho Date Pro D Sample	ep: 08.1	0P 9.2020 438-001 SD	
Parameter		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	Limit 20	mg/kg	Date 08.19.2020 21:17	_
Analytical Method: Seq Number: MB Sample Id:	TPH by SV 3135054 7709767-1-		od		Matrix: nple Id:	Solid 7709767-	I-BKS			ep Metho Date Pro D Sample	ep: 08.1	8015P 9.2020 9767-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb	ons (GRO)	<50.0	1000	1320	132	1070	7 0 Kec 107	70-135	21	35	mg/kg	08.19.2020 10:52	
Diesel Range Organics	(DRO)	<50.0	1000	1120	112	1020	102	70-135	9	35	mg/kg	08.19.2020 10:52	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			mits	Units	Analysis Date	
1-Chlorooctane		132			32		133			-135	%	08.19.2020 10:52	
o-Terphenyl Analytical Method:	TPH by SV 3135054	122 V8015 M	od		79 Matrix:	Salid	108			-135 rep Metho		08.19.2020 10:52 8015P 9.2020	
Seq Number:	3133034					5011d 7709767-1	I-BLK			Date Pro	ер. 08.1	9.2020	
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocar	bons (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 13 of 15

```
Final 1.000
```

Xenco

Environment Testing

🔅 eurofins

QC Summary 670427

LT Environmental, Inc.

Perla Verde 4

Analytical Method:	TPH by SW	V8015 M	od						Pi	rep Metho	od: SW	8015P	
Seq Number:	3135054]	Matrix:	Soil				Date Pr	ep: 08.1	9.2020	
Parent Sample Id:	670385-015			MS San	nple Id:	670385-01	15 S		MS	D Sample	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
Gasoline Range Hydrocarbo	ons (GRO)	< 50.1	1000	1220	122	1070	107	70-135	13	35	mg/kg	08.19.2020 11:53	
Diesel Range Organics (DRO)	<50.1	1000	1120	112	1030	103	70-135	8	35	mg/kg	08.19.2020 11:53	
Surrogate					IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1-Chlorooctane				1	34		119		70	-135	%	08.19.2020 11:53	
o-Terphenyl				9	8		97		70	-135	%	08.19.2020 11:53	

Analytical Method:	•	B						P	rep Meth	od: SW	5035A	
Seq Number:	3135050]	Matrix:	Solid				Date Pr	ep: 08.1	9.2020	
MB Sample Id:	7709774-1-BLK		LCS San	nple Id:	7709774-	1-BKS		LCS	D Sample	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			LCS Flag	LCSI %Re			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: Seq Number:	BTEX by EPA 8021 3135050	lB		Matrix:	Soil			Pi	rep Metho Date Pro		5035A 19.2020	
Parent Sample Id:	670385-015		MS Sar	nple Id:	670385-01	15 S		MS	D Sample	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				1S Rec	MS Flag	MSD %Ree			imits	Units	Analysis Date	
1,4-Difluorobenzene			ç	98		101		70	-130	%	08.19.2020 17:52	

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

4-Bromofluorobenzene

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

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

100

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

.

08.19.2020 17:52

Page 14 of 15

100

70-130

%

1			2020 4 Total 200.7 / 6010 Circle Method(s) a					1	SS03	SS02	SS01		Sample Identification	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	Temperature (°C):	SAMPLE RECEIPT	Sampler's Name:	P.O. Number:	Project Number:	Project Name:	Phone: (43	City, State ZIP: Mid		_	Project Manager: Da	Page 76
0	Signature)	ument and relinquishme ble only for the cost of sa e of \$75.00 will be applie	otal 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed							s	s		cation Matrix	Yes IND NIA	Yes No NIA	(Ye) No	6.2/6.0	T Temp Blank:	William Mather	Lea	V12920121	Perla Verde	(432) 236-3849	Midland, Tx 79705	3300 North A Street	LT Environmental, Inc.,	Dan Moir	RATORIES
loe Cuftor	Received	nt of samples consti Imples and shall not d to each project an	analyzed .		2	10	1		8/19/2020	8/19/2020	8/19/2020	onubion	ix Date Sampled	*		~		nk: New No	Mather	ä	0121	erde 4				c., Permian office		Hobbs
ŝ	Received by: (Signature)	itutes a valid purch assume any respo a charge of \$5 fo	8RCRA 13PPM Texas 11 A TCLP / SPLP 6010: 8RCRA	5	X	1	1		9:50 0.5	9:47 0.5	1	-	Time Sampled	Total Containers:	Correction Factor: -	-NM-007	Thermometer ID	Wet Ice: Yes	Due Date	Rush:	Routine	Turn	Email: wn	Cit	Ad		Bill	Houston,TX Midland,T) .NM (575-392-755
08		ase order from clie msibility for any lo: r each sample subr	/ Texas 11 Al Sb 6010: 8RCRA Sb	Q	1		A		-		-		Depth	er of	-0.a c	onta	liner	No	<u>n</u>		7	Turn Around	ather@ltenv.co	City, State ZIP:	Address:	Company Name:	Bill to: (if different)	(281) 240-4200 [((432-704-5440) 50) Phoenix,AZ (4
8.19.20 12:3	Date/Time	nt company to Xenco sses or expenses incu nitted to Xenco, but n	Al Sb As Ba Be Sb As Ba Be						× × ×	× × ×	×	B	TPH (E BTEX (Chlorid	EPA	0=8	021)		_	_				Email: wmather@ltenv.com, dmoir@ltenv.com			XTO Energy	Kyle Littrell	Dallas,TX (214) 902-0300 San Antonio) EL Paso,TX (915)585-3443 Lubbock,T (480-355-0900) Atlanta,GA (770-449-880
4 2	Relinquished by: (Signature)	otice: 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 f 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 f xencio. 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.	B Cd Ca Cr Co Cu Fe Pb Mg Mn Cd Cr Co Cu Pb Mn Mo Ni Se Ag		/																	ANALYSIS REQUEST						Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334 Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296 Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
	ature) Received by: (Signature)	igns standard terms and conditions to circumstances beyond the control d unless previously negotiated.	0																			JEST	Deliverables: EDD AD	Level III]	Program: UST/PST _RPrownfields	Work Orde	3-620-2000)
	ature) Date/Time		SiO2 Na Sr TI Sn U V Zn 1631/245.1/7470 /7471 : Hg						Composite	Composito	Composite	Composite	Sample Comments	lab, if received by 4:30pm	TAT starts the day received by the				2			Work Order Notes				wnfields IRC Derfund [ents	www.xenco.com Pageof

🔅 eurofins **Environment Testing** Xenco

Project Id: 012920121 Dan Moir

Contact:

Project Location:

Certificate of Analysis Summary 674817

LT Environmental, Inc., Arvada, CO

Project Name: Perla Verde 4

Date Received in Lab: Fri 10.09.2020 13:40 **Report Date:** 10.12.2020 16:36

Project Manager: Jessica Kramer

	Lab Id:	674817-0	01	674817-0	02		
	Field Id:	PH01		PH01 A	۰ A		
Analysis Requested	Depth:	1- ft		2- ft			
	Matrix:	SOIL		SOIL			
	Sampled:	10.05.2020	10:20	10.05.2020	10:30		
BTEX by EPA 8021B	Extracted:	10.09.2020	18:41	10.09.2020	18:41		
	Analyzed:	10.10.2020	00:59	10.10.2020	01:21		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Benzene		< 0.00201	0.00201	< 0.00201	0.00201		
Toluene			0.00201	< 0.00201	0.00201		
Ethylbenzene		< 0.00201	0.00201	< 0.00201	0.00201		
m,p-Xylenes		< 0.00402	0.00402	< 0.00402	0.00402		
o-Xylene			0.00201	< 0.00201	0.00201		
Total Xylenes		< 0.00201	0.00201	< 0.00201	0.00201		
Total BTEX		< 0.00201	0.00201	< 0.00201	0.00201		
Chloride by EPA 300	Extracted:	10.09.2020	16:36	10.09.2020	16:36		
	Analyzed:	10.09.2020	17:23	10.09.2020	17:40		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Chloride		51.2	9.94	22.7	10.0		
TPH by SW8015 Mod	Extracted:	10.09.2020	17:30	10.09.2020	17:30		
	Analyzed:	10.10.2020	01:44	10.12.2020	11:23		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<50.1	50.1	<50.2	50.2		
Diesel Range Organics (DRO)		<50.1	50.1	<50.2	50.2		
Motor Oil Range Hydrocarbons (MRO)		<50.1	50.1	<50.2	50.2		
Total GRO-DRO		<50.1	50.1	<50.2	50.2		
Total TPH		<50.1	50.1	<50.2	50.2		

BRL - Below Reporting Limit

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

Jession Vramer

Page 1 of 15

eurofins Environment Testing Xenco

Analytical Report 674817

for

LT Environmental, Inc.

Project Manager: Dan Moir

Perla Verde 4

012920121

10.12.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

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

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

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



10.12.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 674817 Perla Verde 4 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) 674817. 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. 674817 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 674817

Perla Verde 4

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
PH01	S	10.05.2020 10:20	1 ft	674817-001
PH01 A	S	10.05.2020 10:30	2 ft	674817-002

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Perla Verde 4

 Project ID:
 012920121

 Work Order Number(s):
 674817

 Report Date:
 10.12.2020

 Date Received:
 10.09.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

Certificate of Analytical Results 674817

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:PH01Lab Sample Id:674817-001		Matrix: Date Col	Soil llected: 10.05.	.2020 10:20		Date Received:10.0 Sample Depth: 1 ft	9.2020 13:	:40
Analytical Method: Chloride by EF	PA 300					Prep Method: E300	0P	
Tech: MAB								
Analyst: MAB		Date Pre	p: 10.09.	.2020 16:36		% Moisture: Basis: Wet	X 7 * 1 /	
Seq Number: 3139363			-			Dasis. wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	51.2	9.94		mg/kg	10.09.2020 17:23		1
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	3015P	
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH Seq Number: 3139371	15 Mod	Date Pre	p: 10.09.	.2020 17:30		% Moisture:	8015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Prep Result	p: 10.09. RL	.2020 17:30	Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter			1	.2020 17:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3139371	Cas Number	Result	RL	.2020 17:30		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610	Result	RL 50.1	.2020 17:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 01:44	Weight Flag U	1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO	Result <50.1 <50.1	RL 50.1 50.1	.2020 17:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 01:44 10.10.2020 01:44	Weight Flag U U	1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.1 <50.1 <50.1	RL 50.1 50.1 50.1	.2020 17:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 01:44 10.10.2020 01:44 10.10.2020 01:44	Weight Flag U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1 <50.1 <50.1 <50.1 <50.1 <50.1	RL 50.1 50.1 50.1 50.1	.2020 17:30	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 01:44 10.10.2020 01:44 10.10.2020 01:44 10.10.2020 01:44 10.10.2020 01:44	Weight Flag U U U U U	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO Fotal TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1 <50.1 <50.1 <50.1 <50.1 <50.1	RL 50.1 50.1 50.1 50.1 50.1 50.1		mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 01:44 10.10.2020 01:44 10.10.2020 01:44 10.10.2020 01:44 10.10.2020 01:44 10.10.2020 01:44	Weight Flag U U U U U U Flag	1 1 1 1

Certificate of Analytical Results 674817

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample Id	PH01 d: 674817-001	Matrix: Date Collected	Soil 1: 10.05.2020 10:20	Date Received Sample Depth	l:10.09.2020 13:40 : 1 ft
Analytical Me	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB				
Analyst:	MAB	Date Prep:	10.09.2020 18:41	% Moisture: Basis:	Wet Weight
Seq Number:	3139372			Dasis.	wet weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	10.10.2020 00:59	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	10.10.2020 00:59	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	10.10.2020 00:59	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	10.10.2020 00:59	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	10.10.2020 00:59	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	10.10.2020 00:59	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	10.10.2020 00:59	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	110	%	70-130	10.10.2020 00:59		
1,4-Difluorobenzene		540-36-3	101	%	70-130	10.10.2020 00:59		

eurofins Environment Testing Xenco

Certificate of Analytical Results 674817

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:PH01 ALab Sample Id:674817-002		Matrix: Date Col	Soil lected: 10.05.2	2020 10:30		Date Received:10.0 Sample Depth: 2 ft	9.2020 13	:40
Analytical Method: Chloride by EF	PA 300					Prep Method: E300	OP	
Tech: MAB								
Analyst: MAB		Date Prep	p: 10.09.2	2020 16:36		% Moisture: Basis: Wet	X 7 · 1 /	
Seq Number: 3139363		-	-			Basis. wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	22.7	10.0		mg/kg	10.09.2020 17:40		1
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	3015P	
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH Seq Number: 3139408	15 Mod	Date Prep	p: 10.09.2	2020 17:30		% Moisture:	3015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Prej Result	p: 10.09.2 RL	2020 17:30		% Moisture:		Dil
Tech:DTHAnalyst:DTHSeq Number:3139408			L	2020 17:30		% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3139408 Parameter	Cas Number	Result	RL	2020 17:30	Units	% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3139408 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result	RL 50.2	2020 17:30	Units mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 11:23	Weight Flag	1
Tech: DTH Analyst: DTH Seq Number: 3139408 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.2 <50.2	RL 50.2 50.2	2020 17:30	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 11:23 10.12.2020 11:23	Weight Flag U U	1 1
Tech: DTH Analyst: DTH Seq Number: 3139408 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2	2020 17:30	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 11:23 10.12.2020 11:23 10.12.2020 11:23	Weight Flag U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139408 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2 50.2 50.2	2020 17:30 Units	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 11:23 10.12.2020 11:23 10.12.2020 11:23 10.12.2020 11:23 10.12.2020 11:23 10.12.2020 11:23	Weight Flag U U U U U	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139408 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2 50.2 50.2 50.2		Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Maalysis Date 10.12.2020 11:23 10.12.2020 11:23 10.12.2020 11:23 10.12.2020 11:23 10.12.2020 11:23 10.12.2020 11:23 Maalysis Date	Weight Flag U U U U U U U	1 1 1 1

Environment Testing Xenco

Certificate of Analytical Results 674817

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample I	PH01 A d: 674817-002	Matrix: Date Collected	Soil l: 10.05.2020 10:30	Date Received Sample Depth	l:10.09.2020 13:40 : 2 ft
Analytical Mo	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB				
Analyst:	MAB	Date Prep:	10.09.2020 18:41	% Moisture: Basis:	Wet Weight
Seq Number:	3139372			Dasis.	wei weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	10.10.2020 01:21	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	10.10.2020 01:21	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	10.10.2020 01:21	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	10.10.2020 01:21	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	10.10.2020 01:21	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	10.10.2020 01:21	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	10.10.2020 01:21	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	108	%	70-130	10.10.2020 01:21		
1,4-Difluorobenzene		540-36-3	104	%	70-130	10.10.2020 01:21		

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 De	tection Limit	LOD Limit of Detection	
PQL Practical Quantitation Limit	MQL Method Qu	antitation Limit	LOQ Limit of Quantitatio	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/Labo	ratory Control Sample Duplicate
MD/SD Method Duplicate/Sam	ple Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered	l for this compound.			

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

Xenco

Environment Testing

🔅 eurofins

674817 **QC Summary**

LT Environmental, Inc.

Perla Verde 4

						Perla ve	rae 4						
Analytical Method: Seq Number: MB Sample Id:	Chloride b 3139363 7713002-1-	-	00		Matrix:	Solid 7713002-	1-BKS			rep Meth Date Pi D Sampl	rep: 10.0	00P 09.2020 3002-1-BSD	
-	7715002-1	MB	Spike	LCS	LCS	LCSD	LCSD	Limits	%RPD	RPD	Units	Analysis	Flag
Parameter		Result	Amount	Result	%Rec	Result	%Rec	00.110		Limit	a	Date 10.09.2020 17:12	riag
Chloride		<10.0	250	262	105	264	106	90-110	1	20	mg/kg	10.09.2020 17:12	
Analytical Method: Seq Number:	3139363	-	DO		Matrix:					rep Meth Date Pr	rep: 10.0	09.2020	
Parent Sample Id:	674817-00		<i>a</i> u		-	674817-0				-		817-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		51.2	200	259	104		105	90-110	1	20	mg/kg	10.09.2020 17:29	
Analytical Method: Seq Number: Parent Sample Id:	Chloride b 3139363 674822-00	-	00		Matrix: nple Id:	Soil 674822-0	01 S			rep Meth Date Pi D Sampl	rep: 10.0	00P 09.2020 822-001 SD	
Parameter		Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		Result 5080	Amount 202	Result 5290	%Rec 104	Result 5300	%Rec 110	90-110	0	Limit 20	mg/kg	Date 10.09.2020 18:46	
Analytical Method:	-	W8015 M	od			G 1' 1			P	rep Meth		8015P	
Seq Number: MB Sample Id:	3139371 7713057-1-	BIK			Matrix: nple Id:	Solid 7713057-	1-BKS		LCS	Date Pi D Sampl	-)9.2020 3057-1-BSD	
-	//15057-1	MB	Spike	LCS	LCS	LCSD	LCSD	Limits	%RPD	RPD	Units	Analysis	
Parameter		Result	Amount	Result	%Rec	Result	%Rec		/0101 2	Limit		Date	Flag
Gasoline Range Hydrocarbo Diesel Range Organics (<50.0 <50.0	1000 1000	845 972	85 97		86 101	70-135 70-135	2 4	35 35	mg/kg mg/kg	10.10.2020 00:43 10.10.2020 00:43	
Dieser Kange Organies	(DRO)												
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1-Chlorooctane		103		1	.29		129		70)-135	%	10.10.2020 00:43	
o-Terphenyl		104		1	.22		126		70)-135	%	10.10.2020 00:43	
Analytical Method: Seq Number:	TPH by SV 3139408	W8015 M	od		Matrix:					rep Meth Date Pi	rep: 10.0	8015P)9.2020	
MB Sample Id:	7713050-1-	-BLK		LCS Sar	nple Id:	7713050-	1-BKS		LCS	D Sampl	e Id: 771	3050-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb		<50.0	1000	888	89		82	70-135	8	35	mg/kg	10.12.2020 10:23	
Diesel Range Organics	(DRO)	<50.0	1000	1070	107	917	92	70-135	15	35	mg/kg	10.12.2020 10:23	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Ree			imits	Units	Analysis Date	
1-Chlorooctane		123			.09		113)-135	%	10.12.2020 10:23	
o-Terphenyl		119		9	99		88		70)-135	%	10.12.2020 10:23	
MS/MSD Percent Recover Relative Percent Differenc LCS/LCSD Recovery	e R	D] = 100*(C) $PD = 200* D] = 100 * (C)$	(C-E) / (C+E)	l			А	CS = Labora = Parent Re = MS/LCS	esult	ol Sample	$B = S_{I}$	Matrix Spike pike Added SD/LCSD % Rec	

LCS/LCSD Recovery Log Difference

 $\begin{array}{l} \text{RPD} = 200^{\circ} \mid (\text{C-E}) \mid \\ \text{[D]} = 100 * (\text{C}) \mid \text{[B]} \\ \text{Log Diff.} = \text{Log(Sample Duplicate)} - \text{Log(Original Sample)} \end{array}$

A = Parent Result C = MS/LCS Result E = MSD/LCSD Result

D = MSD/LCSD % Rec

.

Page 11 of 15

```
Final 1.000
```

🔅 eurofins **Environment Testing** Xenco

QC Summary 674817

LT Environmental, Inc.

Perla Verde 4

Analytical Method:TPH by SW8015Seq Number:3139371	Matrix:	Solid 7713057-1-BLK	Prep Method: Date Prep:		8015P 9.2020	
Parameter	MB Result		U	nits	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0		m	g/kg	10.10.2020 01:24	
Analytical Method: TPH by SW8015	Mod		Prep Method:	SW8	8015P	
Seq Number: 3139408	Matrix:	Solid	Date Prep:	10.0	9.2020	
	MB Sample Id:	7713050-1-BLK				
Parameter	MB Result		U	nits	Analysis Date	Flag

Motor Oil Range Hydrocarbons (MRO)

Analytical Method: TPH by SW8015 Mod

< 50.0

Date 10.12.2020 13:43 mg/kg

Prep Method: SW8015P

										r			
Seq Number:	3139371				Matrix:	Soil				Date Pr	ep: 10.0	9.2020	
Parent Sample Id:	674817-00	1		MS Sar	nple Id:	674817-00	01 S		MS	D Sample	e Id: 674	817-001 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)	<49.8	996	879	88	848	85	70-135	4	35	mg/kg	10.10.2020 02:05	
Diesel Range Organics (DRO)	<49.8	996	991	99	982	98	70-135	1	35	mg/kg	10.10.2020 02:05	
Surrogate					1S Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1-Chlorooctane				1	23		106		70	-135	%	10.10.2020 02:05	
o-Terphenyl				1	01		98		70	-135	%	10.10.2020 02:05	

Analytical Method:	-	W8015 M	od			0.11			Pı	ep Metho	.	8015P	
Seq Number:	3139408				Matrix:	Soil				Date Pr	ep: 10.0	9.2020	
Parent Sample Id:	674817-002	2		MS Sar	nple Id:	674817-00	02 S		MS	D Sample	e Id: 674	817-002 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb	ons (GRO)	< 50.2	1000	849	85	827	83	70-135	3	35	mg/kg	10.12.2020 11:42	
Diesel Range Organics	(DRO)	<50.2	1000	953	95	929	93	70-135	3	35	mg/kg	10.12.2020 11:42	
Surrogate					1S Rec	MS Flag	MSD %Re			mits	Units	Analysis Date	
1-Chlorooctane				8	37		89		70	-135	%	10.12.2020 11:42	
o-Terphenyl				7	/2		73		70	-135	%	10.12.2020 11:42	

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 AddedD = MSD/LCSD % Rec

.

Page 12 of 15

Xenco

🔅 eurofins

QC Summary 674817

Environment Testing

LT Environmental, Inc.

Perla Verde 4

Analytical Method:	BTEX by EPA 8021	lB						P	rep Meth	od: SW	5035A	
Seq Number:	3139372			Matrix:	Solid				Date Pr	ep: 10.0	9.2020	
MB Sample Id:	7713005-1-BLK		LCS San	nple Id:	7713005-1	1-BKS		LCS	D Sampl	e Id: 771	3005-1-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	0.101	101	0.0992	99	70-130	2	35	mg/kg	10.09.2020 22:54	
Toluene	< 0.00200	0.100	0.0928	93	0.0929	93	70-130	0	35	mg/kg	10.09.2020 22:54	
Ethylbenzene	< 0.00200	0.100	0.0942	94	0.0970	97	71-129	3	35	mg/kg	10.09.2020 22:54	
m,p-Xylenes	< 0.00400	0.200	0.193	97	0.198	99	70-135	3	35	mg/kg	10.09.2020 22:54	
o-Xylene	< 0.00200	0.100	0.0981	98	0.0980	98	71-133	0	35	mg/kg	10.09.2020 22:54	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSE %Ree			imits	Units	Analysis Date	
1,4-Difluorobenzene	103		1	00		102		70	-130	%	10.09.2020 22:54	
4-Bromofluorobenzene	114		1	07		110		70	-130	%	10.09.2020 22:54	

Analytical Method: Seq Number: Parent Sample Id:	BTEX by EPA 8021 3139372 674817-001	B		Matrix: nple Id:	Soil 674817-00)1 S			rep Metho Date Pro D Sample	ep: 10.0	5035A)9.2020 817-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.0998	0.105	105	0.111	111	70-130	6	35	mg/kg	10.09.2020 23:39	
Toluene	< 0.00200	0.0998	0.0976	98	0.103	103	70-130	5	35	mg/kg	10.09.2020 23:39	
Ethylbenzene	< 0.00200	0.0998	0.101	101	0.107	107	71-129	6	35	mg/kg	10.09.2020 23:39	
m,p-Xylenes	< 0.00399	0.200	0.205	103	0.216	108	70-135	5	35	mg/kg	10.09.2020 23:39	
o-Xylene	< 0.00200	0.0998	0.102	102	0.107	107	71-133	5	35	mg/kg	10.09.2020 23:39	
Surrogate				1S Rec	MS Flag	MSD %Ree			imits	Units	Analysis Date	
1,4-Difluorobenzene			ç	97		99		70	-130	%	10.09.2020 23:39	
4-Bromofluorobenzene			1	09		110		70	-130	%	10.09.2020 23:39	

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 13 of 15

by OCD: 1	co. A minimum charge of \$75.00 will be liable only for the line of the line line of the line of the line of the line of the line line line	200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed e: Signature of this document and relinquishment of samples				/		PH01A	PH01	Sample Identification	Sample Custody Seals: Yes		Received Intact:	Temperature (°C):	SAMPLE RECEIPT	Sampler's Name:	P.O. Number:	Project Number:	Project Name:	(432) 236-3849	ate ZIP:		Name:	Project Manager:	>
Co	will be applied to each	200.8 / 6020: Metal(s) to be analy and relinquishment of sar		-					S	Matrix	es No NIA	Yes No NA	Was No		Temp Blank:	Spencer Lo		012920121	Perla Verde	36-3849	Midland, TX 79705	3300 North A Street	LT Environmental, Inc.,	bir	ATORIES
Children by . (Signature)	h project and a char	8RCRA Zed TCLP							-	Date T Sampled Sar	Total Containers:	Correction Factor:	T-NM		Xes No	0		21	le 4				Permian office		Hobbs,NM
(griamre)	ge of \$5 for each samp	CRA 13PPM Texas 11 AI TCLP / SPLP 6010: 8RCRA Intres a valid purchase order from client		1			1030 2	1	1020 1'	Time Depth	e	Factor: -0.2	52		S	Due Date:	Rush:	Routine	Turn Around	Email: slo@ltenv.com,	City, State ZIP:			Bill to: (if different)	Midland, TX (432-7 (575-392-7550) Phc
10.9.20	any losses or e	11 AI Sb RCRA Sb					1	+	-	Numb			ntai						9	v.com, dmoir		1		different)	04-5440) EL 1 enix,AZ (480-:
-20 15 46	xpenses incurre Xenco, but not :	Sb As Ba Be Sb As Ba Be		K		0	× ×	>	× E	TEX (E	EPA)=80	-			-	-	-		@ltenv.com, I	Carlsbad, NM 88220	3104 East Green Street	XTO Energy	Kyle Littrell	Paso,TX (915)5 355-0900) Atla
Relinquished by: (Signature) 2 4 6	Note: 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. Vellinguished, by: (Signature) Received by: (Signature) Received by: (Signature)	Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se A TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U e: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco its affiliated particular to the second s			2	2														dmoir@ltenv.com, kkennedy@ltenv.com	8220	n Street			Midland, TX (432-704-5440) EL Paso, TX (915)585-3443 Lubbock, TX (806)794-1296 Hobbs, NM (575-392-7550) Phoenix, AZ (480-355-0900) Atlanta, GA (770-449-8800) Tampa FL (813-620-2000)
re) Received by: (Signature)	ris standard terms and conditions circumstances beyond the control unless previously negotiated.	g SiC								<i>w</i>	TAT s										Reporting:Level II Level III ST/UST	State of Project:		111	
Date/Time)2 Na Sr Ti Sn U V Zn 1631 / 245.1 / 7470 / 7471 : Hg							campic comments	ample Comments	TAT starts the day received by the lab. if received by 4:30nm							Work Order Notes			RRP	s RRC Duperfund		raye i oi	

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature R	Range: 0 - 6 degC
Date/ Time Received: 10.09.2020 01.40.00 PM	Air and Metal samples Acc	ceptable Range: Ambient
Work Order #: 674817	Temperature Measuring de	evice used : T_NM_007
Sample Recei	pt 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	Samples received in bulk containers.
#13 Samples properly preserved?	Yes	
#14 Sample container(s) intact?	Yes	
#15 Sufficient sample amount for indicated test(s)?	Yes	
#16 All samples received within hold time?	Yes	
#17 Subcontract of sample(s)?	No	
#18 Water VOC samples have zero headspace?	N/A	

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

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 10.09.2020

Checklist reviewed by: Jessica Kramer

Date: 10.12.2020

Project Id:

Project Location:

Contact:

eurofins Environment Testing Xenco

012920121

Dan Moir

σ

Certificate of Analysis Summary 674480

LT Environmental, Inc., Arvada, CO

Project Name: Perla Verde 4

 Date Received in Lab:
 Tue 10.06.2020 17:00

 Report Date:
 10.08.2020 14:27

Project Manager: Jessica Kramer

	Lab Id:	674480-0	01	674480-0	002		
Analysis Requested	Field Id:	BH01		BH01 /	A		
Anuiysis Nequesieu	Depth:	1- ft		2- ft			
	Matrix:	SOIL		SOIL			
	Sampled:	10.06.2020	13:50	10.06.2020	14:00		
BTEX by EPA 8021B	Extracted:	10.07.2020	10:15	10.07.2020	10:15		
	Analyzed:	10.07.2020	18:23	10.07.2020	18:45		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Benzene		< 0.00200	0.00200	< 0.00199	0.00199		
Toluene		< 0.00200	0.00200	< 0.00199	0.00199		
Ethylbenzene		< 0.00200	0.00200	< 0.00199	0.00199		
m,p-Xylenes		< 0.00399	0.00399				
o-Xylene		< 0.00200	0.00200	<0.00199	0.00199		
Total Xylenes		< 0.00200	0.00200	< 0.00199	0.00199		
Total BTEX		< 0.00200	0.00200	< 0.00199	0.00199		
Chloride by EPA 300	Extracted:	10.07.2020	09:44	10.07.2020	09:44		
	Analyzed:	10.07.2020	13:55	10.07.2020	14:01		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Chloride		82.2	50.2	132	50.4		
TPH by SW8015 Mod	Extracted:	10.07.2020	10:30	10.07.2020	10:30		
	Analyzed:	10.07.2020	16:39	10.07.2020	16:59		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<50.1	50.1	< 50.1	50.1		
Diesel Range Organics (DRO)		62.9	50.1	<50.1	50.1		
Motor Oil Range Hydrocarbons (MRO)		<50.1	50.1	<50.1	50.1		
Total GRO-DRO		62.9	50.1	<50.1	50.1		
Total TPH		62.9	50.1	<50.1	50.1		

BRL - Below Reporting Limit

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

Jession Vramer

Page 1 of 14

eurofins Environment Testing Xenco

Analytical Report 674480

for

LT Environmental, Inc.

Project Manager: Dan Moir

Perla Verde 4

012920121

10.08.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

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

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

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

10.08.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 674480 Perla Verde 4 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) 674480. 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. 674480 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 674480

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
BH01	S	10.06.2020 13:50	1 ft	674480-001
BH01 A	S	10.06.2020 14:00	2 ft	674480-002

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Perla Verde 4

 Project ID:
 012920121

 Work Order Number(s):
 674480

 Report Date:
 10.08.2020

 Date Received:
 10.06.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analytical Results 674480

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:BH01Lab Sample Id:674480-001		Matrix: Soil Date Collected: 10.06.2020 13:50				Date Received:10.06.2020 17:00 Sample Depth: 1 ft			
Analytical Method: Chloride by EF	PA 300					Prep Method: E300)P		
Tech: MAB									
Analyst: MAB		Date Pr	ep: 10.07	.2020 09:44		% Moisture: Basis: Wet	X 7 • 1 /		
Seq Number: 3139067						basis: wet	Weight		
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil	
Chloride	16887-00-6	82.2	50.2		mg/kg	10.07.2020 13:55		5	
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	8015P		
Analytical Method:TPH by SW80Tech:DTHAnalyst:DTHSeq Number:3139079	15 Mod	Date Pr	ep: 10.07	.2020 10:30		% Moisture:	8015P Weight		
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Pr Result	ep: 10.07 RL	.2020 10:30	Units	% Moisture:		Dil	
Tech:DTHAnalyst:DTHSeq Number:3139079				.2020 10:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter	Cas Number	Result	RL	.2020 10:30		% Moisture: Basis: Wet Analysis Date	Weight Flag		
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.1	RL 50.1	.2020 10:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:39	Weight Flag		
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.1 62.9	RL 50.1 50.1	.2020 10:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:39 10.07.2020 16:39	Weight Flag U	1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.1 62.9 <50.1	RL 50.1 50.1 50.1	.2020 10:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:39 10.07.2020 16:39 10.07.2020 16:39	Weight Flag U	1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1 62.9 <50.1 62.9 62.9	RL 50.1 50.1 50.1 50.1 50.1	.2020 10:30 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:39 10.07.2020 16:39 10.07.2020 16:39 10.07.2020 16:39 10.07.2020 16:39	Weight Flag U	1 1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DR0 PHCG2835 PHC628 PHC635	Result <50.1 62.9 <50.1 62.9 62.9	RL 50.1 50.1 50.1 50.1 50.1 50.1		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Maalysis Date 10.07.2020 16:39 10.07.2020 16:39 10.07.2020 16:39 10.07.2020 16:39 10.07.2020 16:39 10.07.2020 16:39 Maalysis Date	Weight Flag U U	1 1 1 1	

Certificate of Analytical Results 674480

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:BH01Lab Sample Id:674480-001	Matrix:	Soil	Date Received:10.06.2020 17:00			
	Date Collecte	d: 10.06.2020 13:50	Sample Depth: 1 ft			
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139083	Date Prep:	10.07.2020 10:15	Prep Method: % Moisture: Basis:	SW5035A Wet Weight		

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.07.2020 18:23	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.07.2020 18:23	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.07.2020 18:23	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	10.07.2020 18:23	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.07.2020 18:23	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.07.2020 18:23	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.07.2020 18:23	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	95	%	70-130	10.07.2020 18:23		
4-Bromofluorobenzene		460-00-4	84	%	70-130	10.07.2020 18:23		

eurofins Environment Testing Xenco

Certificate of Analytical Results 674480

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:BH01 ALab Sample Id:674480-002		Matrix: Date Coll	Soil lected: 10.06.	.2020 14:00		Date Received:10.06.2020 17:00 Sample Depth: 2 ft			
Analytical Method: Chloride by EP	PA 300					Prep Method: E300	OP		
Tech: MAB									
Analyst: MAB		Date Prep	o: 10.07.	.2020 09:44		% Moisture:	XX7 * 1 /		
Seq Number: 3139067						Basis: Wet	Weight		
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil	
Chloride	16887-00-6	132	50.4		mg/kg	10.07.2020 14:01		5	
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	3015P		
Analytical Method: TPH by SW80. Tech: DTH Analyst: DTH Seq Number: 3139079	15 Mod	Date Prep	p: 10.07.	.2020 10:30		% Moisture:	3015P Weight		
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Prep Result	p: 10.07. RL	.2020 10:30	Units	% Moisture:		Dil	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter				.2020 10:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil 1	
Tech:DTHAnalyst:DTHSeq Number:3139079	Cas Number	Result	RL	.2020 10:30		% Moisture: Basis: Wet Analysis Date	Weight Flag		
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result	RL 50.1	.2020 10:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:59	Weight Flag U	1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.1 <50.1	RL 50.1 50.1	.2020 10:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:59 10.07.2020 16:59	Weight Flag U U	1 1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.1 <50.1 <50.1	RL 50.1 50.1 50.1	.2020 10:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:59 10.07.2020 16:59 10.07.2020 16:59	Weight Flag U U U	1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1 <50.1 <50.1 <50.1 <50.1	RL 50.1 50.1 50.1 50.1	.2020 10:30	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:59 10.07.2020 16:59 10.07.2020 16:59 10.07.2020 16:59 10.07.2020 16:59 10.07.2020 16:59	Weight Flag U U U U U	1 1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1 <50.1 <50.1 <50.1 <50.1	RL 50.1 50.1 50.1 50.1 50.1		mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:59 10.07.2020 16:59 10.07.2020 16:59 10.07.2020 16:59 10.07.2020 16:59 10.07.2020 16:59 10.07.2020 16:59	Weight Flag U U U U U U Flag	1 1 1 1	

Environment Testing Xenco

Certificate of Analytical Results 674480

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample Id:	BH01 A 674480-002	Matrix: Date Collected	Soil : 10.06.2020 14:00	Date Received:10.06.2020 17:00 Sample Depth: 2 ft			
5	nod: BTEX by EPA 8021B			Prep Method:	SW5035A		
Tech:	MAB			0/ 34			
Analyst:	MAB	Date Prep:	10.07.2020 10:15	% Moisture: Basis:	Wet Weight		
Seq Number:	3139083			Dasis.	wet weight		

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	10.07.2020 18:45	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	10.07.2020 18:45	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	10.07.2020 18:45	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	10.07.2020 18:45	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	10.07.2020 18:45	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	10.07.2020 18:45	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	10.07.2020 18:45	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	100	%	70-130	10.07.2020 18:45		
4-Bromofluorobenzene		460-00-4	97	%	70-130	10.07.2020 18:45		

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 Quantitatio	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	ratory Control Sample Duplicate
MD/SD Method Duplicate/Sampl	e Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered f	for this compound.			

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

Xenco

Environment Testing

🔅 eurofins

QC Summary 674480

LT Environmental, Inc.

Perla Verde 4

Analytical Method: Seq Number: MB Sample Id:	Chloride b 3139067 7712782-1-	-)0		Matrix: nple Id:	Solid 7712782-1	I-BKS			rep Metho Date Pro D Sample	ep: 10.0	0P 07.2020 2782-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Boggett	LCSD	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		<10.0	250 Allount	260	7 6 Kec 104	Result 262	%Rec 105	90-110	1	20	mg/kg	10.07.2020 10:32	
				200	10.	202	100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				0.0	
Analytical Method: Seq Number:	Chloride by 3139067	y EPA 30	00		Matrix:	Soil			Pi	rep Metho Date Pro		0P 07.2020	
Parent Sample Id:	674474-001					674474-00	01 S		MS		-	474-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		568	200	775	104	760	96	90-110	2	20	mg/kg	10.07.2020 11:19	
Analytical Method: Seq Number: Parent Sample Id:	Chloride b 3139067 674479-005	-)0		Matrix: nple Id:	Soil 674479-00)5 S			rep Metho Date Pro D Sample	ep: 10.0	0P 17.2020 479-005 SD	
Parameter		Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
		Result 17.0	Amount 199	Result 221	%Rec 103	Result 220	%Rec 102	00 110	0	Limit 20	a	Date 10.07.2020 13:25	18
Chloride		17.0	199	221	105	220	102	90-110	0	20	mg/kg	1010112020 10120	
Analytical Method: Seq Number:	TPH by SV 3139079	V8015 M	od		Matrix:	Solid				rep Metho Date Pro	ep: 10.0	8015P 07.2020	
MB Sample Id:	7712802-1-	BLK		LCS Sar	nple Id:	7712802-	I-BKS		LCS	D Sample	e Id: 771	2802-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb Diesel Range Organics		<50.0 <50.0	1000 1000	908 1010	91 101	934 1040	93 104	70-135 70-135	3 3	35 35	mg/kg mg/kg	10.07.2020 10:37 10.07.2020 10:37	
Surrogate	(DRO)	MB %Rec	MB Flag	L	CS Rec	LCS Flag	LCSI %Re) LCS	D Li	imits	Units	Analysis Date	
1-Chlorooctane		108			11		114			-135	%	10.07.2020 10:37	
o-Terphenyl		108		1	02		104		70	-135	%	10.07.2020 10:37	
Analytical Method: Seq Number:	TPH by SV 3139079	V8015 M	od		Matrix: nple Id:	Solid 7712802-	I-BLK		Pi	rep Metho Date Pro		8015P)7.2020	
Parameter				MB Posult							Units	Analysis	Flag
Motor Oil Range Hydrocar	bons (MRO)			Result <50.0							mg/kg	Date 10.07.2020 11:17	
											88		

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 11 of 14

Xenco

Environment Testing

🔅 eurofins

QC Summary 674480

LT Environmental, Inc.

Perla Verde 4

Analytical Method:	TPH by SW	TPH by SW8015 Mod							Pı	rep Metho	od: SW3	3015P	
Seq Number:	3139079			Matrix: Soil						Date Prep: 10.07.2020			
Parent Sample Id:	674479-001			MS Sample Id: 674479-001 S				MSD Sample Id: 674479-001 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)	< 50.1	1000	904	90	908	91	70-135	0	35	mg/kg	10.07.2020 12:18	
Diesel Range Organics (DRO)	< 50.1	1000	1010	101	1030	103	70-135	2	35	mg/kg	10.07.2020 12:18	
Surrogate					IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1-Chlorooctane				1.	31		133		70	-135	%	10.07.2020 12:18	
o-Terphenyl				1	16		124		70	-135	%	10.07.2020 12:18	

Analytical Method:	•		a 11 1			Pı	rep Meth	.	5035A			
Seq Number:	3139083		Matrix: Solid						Date Pr	ep: 10.0	07.2020	
MB Sample Id:	7712799-1-BLK		LCS San	nple Id:	7712799-	I-BKS		LCS	D Sample	e Id: 771	2799-1-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	0.111	111	70-130	1	35	mg/kg	10.07.2020 10:10	
Toluene	< 0.00200	0.100	0.105	105	0.106	106	70-130	1	35	mg/kg	10.07.2020 10:10	
Ethylbenzene	< 0.00200	0.100	0.0970	97	0.0964	96	71-129	1	35	mg/kg	10.07.2020 10:10	
m,p-Xylenes	< 0.00400	0.200	0.196	98	0.194	97	70-135	1	35	mg/kg	10.07.2020 10:10	
o-Xylene	< 0.00200	0.100	0.0970	97	0.0967	97	71-133	0	35	mg/kg	10.07.2020 10:10	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSE %Rec			imits	Units	Analysis Date	
1,4-Difluorobenzene	98		9	19		97		70	-130	%	10.07.2020 10:10	
4-Bromofluorobenzene	85		8	5		85		70	-130	%	10.07.2020 10:10	

Analytical Method:	BTEX by EPA 8021					P	rep Metho	od: SW	5035A			
Seq Number:	3139083		Matrix: Soil						Date Pre	ep: 10.0	07.2020	
Parent Sample Id:	674474-001		MS Sar	nple Id:	674474-00	01 S		MS	D Sample	e Id: 674	474-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.0998	0.100	100	0.124	124	70-130	21	35	mg/kg	10.07.2020 10:55	
Toluene	< 0.00200	0.0998	0.0971	97	0.130	130	70-130	29	35	mg/kg	10.07.2020 10:55	
Ethylbenzene	< 0.00200	0.0998	0.0910	91	0.123	123	71-129	30	35	mg/kg	10.07.2020 10:55	
m,p-Xylenes	< 0.00399	0.200	0.183	92	0.246	122	70-135	29	35	mg/kg	10.07.2020 10:55	
o-Xylene	< 0.00200	0.0998	0.0884	89	0.118	118	71-133	29	35	mg/kg	10.07.2020 10:55	
Surrogate				1S Rec	MS Flag	MSD %Ree			imits	Units	Analysis Date	
1,4-Difluorobenzene			ç	97		97		70	-130	%	10.07.2020 10:55	

84

4-Bromofluorobenzene

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

.

10.07.2020 10:55

Page 12 of 14

84

70-130

%

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature R	e Range: 0 - 6 degC				
Date/ Time Received: 10.06.2020 05.00.00 PM	Air and Metal samples Acceptable Range: Ambient					
Work Order #: 674480	emperature Measuring device used: T_NM_007					
Sample Recei	ot Checklist	Comments				
#1 *Temperature of cooler(s)?	.6					
#2 *Shipping container in good condition?	Yes					
#3 *Samples received on ice?	Yes					
#4 *Custody Seals intact on shipping container/ cooler?	Yes					
#5 Custody Seals intact on sample bottles?	Yes					
#6*Custody Seals Signed and dated?	Yes					
#7 *Chain of Custody present?	Yes					
#8 Any missing/extra samples?	Yes					
#9 Chain of Custody signed when relinquished/ received?	Yes					
#10 Chain of Custody agrees with sample labels/matrix?	Yes					
#11 Container label(s) legible and intact?	Yes					
#12 Samples in proper container/ bottle?	Yes	Samples received in bulk containers.				
#13 Samples properly preserved?	Yes					
#14 Sample container(s) intact?	Yes					
#15 Sufficient sample amount for indicated test(s)?	Yes					
#16 All samples received within hold time?	Yes					
#17 Subcontract of sample(s)?	No					
#18 Water VOC samples have zero headspace?	N/A					

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

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 10.07.2020

Checklist reviewed by: Jessica Kramer

Date: 10.08.2020

eurofins Environment Testing Xenco

Project Id: 012920121 Contact: Dan Moir

ontact.

Project Location:

Certificate of Analysis Summary 674481

LT Environmental, Inc., Arvada, CO

Project Name: Perla Verde 4

 Date Received in Lab:
 Tue 10.06.2020 17:00

 Report Date:
 10.08.2020 14:28

Project Manager: Jessica Kramer

Analysis Requested	Lab Id:	: 674481-001		674481-0	02		
	Field Id:	BH02		BH02	4		
	Depth:	1- ft		2- ft			
	Matrix:	SOIL		SOIL			
	Sampled:	10.06.2020	14:20	10.06.2020	14:30		
BTEX by EPA 8021B	Extracted:	10.07.2020	10:15	10.07.2020	10:15		
	Analyzed:	10.07.2020	19:08	10.07.2020	19:30		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Benzene		< 0.00202	0.00202	< 0.00201	0.00201		
Toluene		< 0.00202	0.00202	< 0.00201	0.00201		
Ethylbenzene		< 0.00202	0.00202	< 0.00201	0.00201		
m,p-Xylenes		< 0.00404	0.00404	< 0.00402	0.00402		
o-Xylene		< 0.00202	0.00202	< 0.00201	0.00201		
Total Xylenes		< 0.00202	0.00202	< 0.00201	0.00201		
Total BTEX		< 0.00202	0.00202	< 0.00201	0.00201		
Chloride by EPA 300	Extracted:	: 10.07.2020 09:44		10.07.2020	09:44		
	Analyzed:	: 10.07.2020 14:19		10.07.2020	14:25		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Chloride		214	50.1	194	50.0		
TPH by SW8015 Mod	Extracted:	10.07.2020 16:00		10.07.2020	16:00		
	Analyzed:	10.07.2020	17:19	19 10.07.2020 17:39			
	Units/RL:	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0		
Diesel Range Organics (DRO) <50.0		50.0	<50.0	50.0			
Motor Oil Range Hydrocarbons (MRO) <50.0 50		50.0	<50.0	50.0			
Total GRO-DRO		<50.0	50.0	<50.0	50.0		
Total TPH		<50.0	50.0	<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 14

eurofins Environment Testing Xenco

Analytical Report 674481

for

LT Environmental, Inc.

Project Manager: Dan Moir

Perla Verde 4

012920121

10.08.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

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

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

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

Page 108 of 209

10.08.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 674481 Perla Verde 4 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) 674481. 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. 674481 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 674481

Perla Verde 4

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
BH02	S	10.06.2020 14:20	1 ft	674481-001
BH02 A	S	10.06.2020 14:30	2 ft	674481-002

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Perla Verde 4

 Project ID:
 012920121

 Work Order Number(s):
 674481

 Report Date:
 10.08.2020

 Date Received:
 10.06.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

Certificate of Analytical Results 674481

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: BH02 Lab Sample Id: 674481-001		Matrix: Date Col	Soil lected: 10.06	5.2020 14:20		Date Received:10.0 Sample Depth: 1 ft	6.2020 17:	00
Analytical Method: Chloride by EF	PA 300					Prep Method: E30)P	
Tech: MAB								
Analyst: MAB		Date Pre	p: 10.07	2.2020 09:44		% Moisture: Basis: Wet	X 7 • 1 /	
Seq Number: 3139067						Dasis: Wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	214	50.1		mg/kg	10.07.2020 14:19		5
Analytical Method:TPH by SW80Tech:DTHAnalyst:DTHSeq Number:3139079	15 Mod	Date Pre	p: 10.07	7.2020 16:00		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	10.07.2020 17:19	U	
								1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0		mg/kg	10.07.2020 17:19	U	1 1
Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	C10C28DRO PHCG2835	<50.0 <50.0	50.0 50.0		mg/kg mg/kg	10.07.2020 17:19 10.07.2020 17:19	U U	-
								1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0		mg/kg	10.07.2020 17:19	U	1 1
Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	PHCG2835 PHC628 PHC635	<50.0 <50.0 <50.0	50.0 50.0	Units	mg/kg mg/kg	10.07.2020 17:19 10.07.2020 17:19 10.07.2020 17:19	U U	1 1 1
Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	РНСG2835 РНС628 РНС635	<50.0 <50.0 <50.0	50.0 50.0 50.0	Units %	mg/kg mg/kg mg/kg	10.07.2020 17:19 10.07.2020 17:19 10.07.2020 17:19 5 Analysis Date	U U U	1 1 1

Certificate of Analytical Results 674481

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:BH02Lab Sample Id:674481-001		Soil 10.06.2020 14:20	Date Received:10.06.2020 17:00 Sample Depth: 1 ft			
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139083	Date Prep: 1	10.07.2020 10:15	Prep Method: % Moisture: Basis:	SW5035A Wet Weight		

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	10.07.2020 19:08	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	10.07.2020 19:08	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	10.07.2020 19:08	U	1
m,p-Xylenes	179601-23-1	< 0.00404	0.00404		mg/kg	10.07.2020 19:08	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	10.07.2020 19:08	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	10.07.2020 19:08	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	10.07.2020 19:08	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	100	%	70-130	10.07.2020 19:08		
4-Bromofluorobenzene		460-00-4	88	%	70-130	10.07.2020 19:08		

eurofins Environment Testing Xenco

Certificate of Analytical Results 674481

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: BH02 A Lab Sample Id: 674481-002		Matrix: Date Col	Soil lected: 10.06	.2020 14:30		Date Received:10.06.2020 17:00 Sample Depth: 2 ft			
Analytical Method: Chloride by EF	A 300					Prep Method: E300)P		
Tech: MAB									
Analyst: MAB		Date Pre	p: 10.07	.2020 09:44		% Moisture: Basis: Wet	W 7 * 17		
Seq Number: 3139067			-			Dasis. wet	Weight		
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil	
Chloride	16887-00-6	194	50.0		mg/kg	10.07.2020 14:25		5	
Analytical Method: TPH by SW80 Tech: DTH	15 WIOU					Prep Method: SW8	50151		
Analyst: DTH Seq Number: 3139079		Date Pre	p: 10.07	.2020 16:00		% Moisture: Basis: Wet	Weight		
Analyst: DTH	Cas Number	Date Pre	p: 10.07 RL	.2020 16:00	Units		Weight Flag	Dil	
Analyst: DTH Seq Number: 3139079	Cas Number PHC610			.2020 16:00	Units mg/kg	Basis: Wet	C	Dil	
Analyst: DTH Seq Number: 3139079 Parameter		Result	RL	.2020 16:00		Basis: Wet Analysis Date	Flag		
Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO)	PHC610	Result	RL 50.0	.2020 16:00	mg/kg	Basis: Wet Analysis Date 10.07.2020 17:39	Flag U	1	
Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	.2020 16:00	mg/kg mg/kg	Basis: Wet Analysis Date 10.07.2020 17:39 10.07.2020 17:39	Flag U U	1	
Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	PHC610 C10C28DRO PHCG2835	Result <50.0 <50.0 <50.0	RL 50.0 50.0 50.0	.2020 16:00	mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.07.2020 17:39 10.07.2020 17:39 10.07.2020 17:39	Flag U U U	1 1 1	
Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0	.2020 16:00 Units	mg/kg mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.07.2020 17:39 10.07.2020 17:39 10.07.2020 17:39 10.07.2020 17:39 10.07.2020 17:39	Flag U U U U U	1 1 1 1	
Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	PHC610 C10C28DRO PHCG2835 PHC628 PHC628 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0 50.0		mg/kg mg/kg mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.07.2020 17:39 10.07.2020 17:39 10.07.2020 17:39 10.07.2020 17:39 10.07.2020 17:39 10.07.2020 17:39 3.0.07.2020 17:39 3.0.07	Flag U U U U U U	1 1 1 1	

Environment Testing Xenco

Certificate of Analytical Results 674481

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:	BH02 A	Matrix:	Soil	Date Received:10.06.2020 17:00				
Lab Sample I	d: 674481-002	Date Collected	1: 10.06.2020 14:30	Sample Depth: 2 ft				
Analytical Mo Tech: Analyst: Seq Number:	ethod: BTEX by EPA 8021B MAB MAB 3139083	Date Prep:	10.07.2020 10:15	Prep Method: % Moisture: Basis:	SW5035A Wet Weight			

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	10.07.2020 19:30	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	10.07.2020 19:30	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	10.07.2020 19:30	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	10.07.2020 19:30	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	10.07.2020 19:30	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	10.07.2020 19:30	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	10.07.2020 19:30	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	101	%	70-130	10.07.2020 19:30		
4-Bromofluorobenzene		460-00-4	89	%	70-130	10.07.2020 19:30		

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 De	tection Limit	nit LOD Limit of Detection						
PQL Practical Quantitation Limit	MQL Method Qu	antitation Limit	LOQ Limit of Quantitatio	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/Labo	ratory Control Sample Duplicate					
MD/SD Method Duplicate/Samp	ple Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate					
+ NELAC certification not offered	l for this compound.								

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

Xenco

Environment Testing

🔅 eurofins

QC Summary 674481

LT Environmental, Inc.

Perla Verde 4

Analytical Method: Seq Number:	Chloride by 3139067	y EPA 30)0		Matrix:					rep Metho Date Pro	ep: 10.0	07.2020	
MB Sample Id:	7712782-1-	BLK		LCS Sar	nple Id:	7712782-	I-BKS		LCS	D Sample	e Id: 771	2782-1-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	260	104	262	105	90-110	1	20	mg/kg	10.07.2020 10:32	
Analytical Method: Seq Number: Parent Sample Id:	Chloride b 3139067 674474-001	y EPA 30)0		Matrix: nple Id:	Soil 674474-00	01 S			rep Metho Date Pro D Sample	ep: 10.0	0P 17.2020 474-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		568	200	775	104	760	96	90-110	2	20	mg/kg	10.07.2020 11:19	
Analytical Method: Seq Number: Parent Sample Id:	Chloride b 3139067 674479-005		00		Matrix:	Soil 674479-00)5 S			rep Metho Date Pro D Sample	ep: 10.0	0P)7.2020 479-005 SD	
-	074479 005	Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	
Parameter		Result	Amount	Result	%Rec	Result	%Rec			Limit		Date	Flag
Chloride		17.0	199	221	103	220	102	90-110	0	20	mg/kg	10.07.2020 13:25	
Analytical Method: Seq Number: MB Sample Id:	TPH by SV 3139079 7712802-1-		od		Matrix: nple Id:	Solid 7712802-1	I-BKS			rep Metho Date Pro D Sample	ep: 10.0	8015P 07.2020 2802-1-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	908	91	934	93	70-135	3	35	mg/kg	10.07.2020 10:37	
Diesel Range Organics ((DRO)	<50.0	1000	1010	101	1040	104	70-135	3	35	mg/kg	10.07.2020 10:37	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1-Chlorooctane o-Terphenyl		108 108	U		11 02	U	114 104	Ļ	70)-135)-135	% %	10.07.2020 10:37 10.07.2020 10:37	
Analytical Method: Seq Number:	TPH by SV 3139079	V8015 M	od		Matrix: nple Id:	Solid 7712802-1	I-BLK		Pi	rep Metho Date Pro		8015P 07.2020	
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocarl	bons (MRO)			<50.0							mg/kg	10.07.2020 11:17	

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 11 of 14

```
Final 1.000
```

Xenco

Environment Testing

🔅 eurofins

QC Summary 674481

LT Environmental, Inc.

Perla Verde 4

Analytical Method:	Analytical Method: TPH by SW8015 Mod									Prep Method: SW8015P				
Seq Number:	3139079			Matrix: Soil				Date Prep: 10.07.2020						
Parent Sample Id:	nple Id: 674479-001 MS					MS Sample Id: 674479-001 S			MSD Sample Id: 674479-001 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)	< 50.1	1000	904	90	908	91	70-135	0	35	mg/kg	10.07.2020 12:18		
Diesel Range Organics ((DRO)	< 50.1	1000	1010	101	1030	103	70-135	2	35	mg/kg	10.07.2020 12:18		
Surrogate					IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date		
1-Chlorooctane				1	31		133		70	-135	%	10.07.2020 12:18		
o-Terphenyl				1	16		124		70	-135	%	10.07.2020 12:18		

Analytical Method:	BTEX by EPA 8021	B						Pi	rep Meth	od: SW	5035A	
Seq Number:	3139083			Matrix:	Solid				Date Pr	ep: 10.0	07.2020	
MB Sample Id:	7712799-1-BLK		LCS San	nple Id:	7712799-	1-BKS		LCS	D Sample	e Id: 771	2799-1-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	0.111	111	70-130	1	35	mg/kg	10.07.2020 10:10	
Toluene	< 0.00200	0.100	0.105	105	0.106	106	70-130	1	35	mg/kg	10.07.2020 10:10	
Ethylbenzene	< 0.00200	0.100	0.0970	97	0.0964	96	71-129	1	35	mg/kg	10.07.2020 10:10	
m,p-Xylenes	< 0.00400	0.200	0.196	98	0.194	97	70-135	1	35	mg/kg	10.07.2020 10:10	
o-Xylene	< 0.00200	0.100	0.0970	97	0.0967	97	71-133	0	35	mg/kg	10.07.2020 10:10	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene	98		ç	9		97		70	-130	%	10.07.2020 10:10	
4-Bromofluorobenzene	85		8	35		85		70	-130	%	10.07.2020 10:10	

Analytical Method: Seq Number: Parent Sample Id:	BTEX by EPA 8021 3139083 674474-001	В		Matrix: nple Id:	Soil 674474-00)1 S			rep Metho Date Pr D Sample	ep: 10.0	5035A)7.2020 474-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.0998	0.100	100	0.124	124	70-130	21	35	mg/kg	10.07.2020 10:55	
Toluene	< 0.00200	0.0998	0.0971	97	0.130	130	70-130	29	35	mg/kg	10.07.2020 10:55	
Ethylbenzene	< 0.00200	0.0998	0.0910	91	0.123	123	71-129	30	35	mg/kg	10.07.2020 10:55	
m,p-Xylenes	< 0.00399	0.200	0.183	92	0.246	122	70-135	29	35	mg/kg	10.07.2020 10:55	
o-Xylene	< 0.00200	0.0998	0.0884	89	0.118	118	71-133	29	35	mg/kg	10.07.2020 10:55	
Surrogate				IS Rec	MS Flag	MSE %Re			imits	Units	Analysis Date	

Surrogate	%Rec	Flag	%Rec	Flag		Date
1,4-Difluorobenzene	97		97	70-130	%	10.07.2020 10:55
4-Bromofluorobenzene	84		84	70-130	%	10.07.2020 10:55

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 12 of 14

Totaci Numuer Dan Morr Hom Morr Hom Morr Name Not Chargen Name <
--

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature R	ange: 0 - 6 degC				
Date/ Time Received: 10.06.2020 05.00.00 PM	Air and Metal samples Acc	eptable Range: Ambient				
Work Order #: 674481	Temperature Measuring device used: T_NM_007					
Sample Recei	pt Checklist	Comments				
#1 *Temperature of cooler(s)?	.6					
#2 *Shipping container in good condition?	Yes					
#3 *Samples received on ice?	Yes					
#4 *Custody Seals intact on shipping container/ cooler?	Yes					
#5 Custody Seals intact on sample bottles?	Yes					
#6*Custody Seals Signed and dated?	Yes					
#7 *Chain of Custody present?	Yes					
#8 Any missing/extra samples?	No					
#9 Chain of Custody signed when relinquished/ received?	Yes					
#10 Chain of Custody agrees with sample labels/matrix?	Yes					
#11 Container label(s) legible and intact?	Yes					
#12 Samples in proper container/ bottle?	Yes	Samples received in bulk containers.				
#13 Samples properly preserved?	Yes					
#14 Sample container(s) intact?	Yes					
#15 Sufficient sample amount for indicated test(s)?	Yes					
#16 All samples received within hold time?	Yes					
#17 Subcontract of sample(s)?	No					
#18 Water VOC samples have zero headspace?	N/A					

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

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 10.07.2020

Checklist reviewed by: Jessica Kramer

Date: 10.08.2020

eurofins Environment Testing

Xenco

Certificate of Analysis Summary 674479

LT Environmental, Inc., Arvada, CO

Project Name: Perla Verde 4

Project Id:012920121Contact:Dan Moir								Date I		in Lab: Tue rt Date: 10.0	e 10.06.20 08.2020 1		
Project Location:								Р	roject M	anager: Jess	sica Kran	ner	
	Lab Id:	674479-0	001	674479-0	002	674479-0	003	674479-0	004	674479-0	005	674479-0)06
Anglusis Deguested	Field Id:	FS01		FS02		FS03		FS04		FS05		FS06	
Analysis Requested	Depth:	2- ft		2- ft		2- ft		2- ft		2- ft		2- ft	
	Matrix:	SOIL		SOIL		SOIL	,	SOIL	,	SOIL		SOIL	
	Sampled:	10.06.2020	10.06.2020 12:10 10.06.2020 12:20 10.00		10.06.2020	12:30	10.06.2020	12:40	10.06.2020	12:50	10.06.2020	13:00	
BTEX by EPA 8021B	Extracted:	10.07.2020	10:15	10.07.2020	10:15	10.07.2020	10:15	10.07.2020	10:15	10.07.2020	10:15	10.07.2020	10:15
	Analyzed:	10.07.2020	14:27	10.07.2020	14:50	10.07.2020	15:12	10.07.2020	15:35	10.07.2020	16:53	10.07.2020	17:15
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
Toluene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
Ethylbenzene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
m,p-Xylenes		< 0.00400	0.00400	< 0.00402	0.00402	< 0.00401	0.00401	< 0.00403	0.00403	< 0.00401	0.00401	< 0.00400	0.00400
o-Xylene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
Total Xylenes		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
Total BTEX		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
Chloride by EPA 300	Extracted:	10.07.2020	09:44	10.07.2020	09:44	10.07.2020	09:44	10.07.2020 09:44		10.07.2020	09:44	10.07.2020 09:44	
	Analyzed:	10.07.2020	12:37	10.07.2020	14:43	10.07.2020	12:49	10.07.2020	12:55	10.07.2020	13:19	10.07.2020	13:37
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		11.3	9.98	16.2	10.0	12.6	9.94	30.1	9.98	17.0	10.0	<10.0	10.0
TPH by SW8015 Mod	Extracted:	10.07.2020	10:30	10.07.2020	10:30	10.07.2020	10:30	10.07.2020	10:30	10.07.2020	10:30	10.07.2020	10:30
	Analyzed:	10.07.2020	11:37	10.07.2020	13:58	10.07.2020	14:18	10.07.2020	14:38	10.07.2020	14:59	10.07.2020	15:18
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	< 50.2	50.2	<50.1	50.1	<50.2	50.2	<49.9	49.9
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<50.2	50.2	<50.1	50.1	< 50.2	50.2	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<50.2	50.2	<50.1	50.1	<50.2	50.2	<49.9	49.9
Total GRO-DRO		<50.0	50.0	<50.0	50.0	<50.2	50.2	<50.1	50.1	<50.2	50.2	<49.9	49.9
Total TPH		<50.0	50.0	<50.0	50.0	<50.2	50.2	<50.1	50.1	<50.2	50.2	<49.9	49.9

BRL - Below Reporting Limit

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



Page 1 of 27

eurofins Environment Testing Xenco

Project Id: 012920121

Contact: Dan Moir

Project Location:

Certificate of Analysis Summary 674479

LT Environmental, Inc., Arvada, CO

Project Name: Perla Verde 4

 Date Received in Lab:
 Tue 10.06.2020 17:00

 Report Date:
 10.08.2020 14:00

Project Manager: Jessica Kramer

	Lab Id:	674479-0	07	674479-0	08		
Analysis Requested	Field Id:	FS07		FS08			
Analysis Kequesieu	Depth:	2- ft		1- ft			
	Matrix:	SOIL		SOIL			
	Sampled:	10.06.2020	13:10	10.06.2020	13:20		
BTEX by EPA 8021B	Extracted:	10.07.2020	10:15	10.07.2020	10:15		
	Analyzed:	10.07.2020	17:38	10.07.2020	18:00		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Benzene		< 0.00198	0.00198	< 0.00200	0.00200		
Toluene		< 0.00198	0.00198	< 0.00200	0.00200		
Ethylbenzene		< 0.00198	0.00198	< 0.00200	0.00200		
m,p-Xylenes			0.00396		0.00399		
o-Xylene		< 0.00198	0.00198		0.00200		
Total Xylenes		< 0.00198	0.00198	< 0.00200	0.00200		
Total BTEX		< 0.00198	0.00198	< 0.00200	0.00200		
Chloride by EPA 300	Extracted:	10.07.2020	09:44	10.07.2020	09:44		
	Analyzed:	10.07.2020	13:43	10.07.2020	13:49		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Chloride		69.8	10.1	252	50.0		
TPH by SW8015 Mod	Extracted:	10.07.2020	10:30	10.07.2020	10:30		
	Analyzed:	10.07.2020	15:39	10.07.2020	16:19		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<50.1	50.1	<50.0	50.0		
Diesel Range Organics (DRO)		<50.1	50.1	<50.0	50.0		
Motor Oil Range Hydrocarbons (MRO)		<50.1	50.1	<50.0	50.0		
Total GRO-DRO		<50.1	50.1	<50.0	50.0		
Total TPH		<50.1	50.1	<50.0	50.0		

BRL - Below Reporting Limit

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

Jession Vramer

Page 2 of 27

eurofins Environment Testing Xenco

Analytical Report 674479

for

LT Environmental, Inc.

Project Manager: Dan Moir

Perla Verde 4

012920121

10.08.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

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

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

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

Page 123 of 209

10.08.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 674479 Perla Verde 4 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) 674479. 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. 674479 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 27



Sample Cross Reference 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
FS01	S	10.06.2020 12:10	2 ft	674479-001
FS02	S	10.06.2020 12:20	2 ft	674479-002
FS03	S	10.06.2020 12:30	2 ft	674479-003
FS04	S	10.06.2020 12:40	2 ft	674479-004
FS05	S	10.06.2020 12:50	2 ft	674479-005
FS06	S	10.06.2020 13:00	2 ft	674479-006
FS07	S	10.06.2020 13:10	2 ft	674479-007
FS08	S	10.06.2020 13:20	1 ft	674479-008

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Perla Verde 4

 Project ID:
 012920121

 Work Order Number(s):
 674479

 Report Date:
 10.08.2020

 Date Received:
 10.06.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS01 Lab Sample Id: 674479-001		Matrix: Date Col	Soil lected: 10.06	5.2020 12:10		Date Received:10.0 Sample Depth: 2 ft	6.2020 17:	00
Analytical Method: Chloride by EF	PA 300					Prep Method: E300)P	
Tech: MAB								
Analyst: MAB		Date Pre	p: 10.07	2.2020 09:44		% Moisture:		
Seq Number: 3139067						Basis: Wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.3	9.98		mg/kg	10.07.2020 12:37		1
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH	15 Mod					Prep Method: SW8	3015P	
Analyst: DTH Seq Number: 3139079		Date Pre	p: 10.07	2.2020 10:30		% Moisture: Basis: Wet	Weight	
1	Cas Number	Date Pre Result	p: 10.07 RL	2.2020 10:30	Units		Weight Flag	Dil
Seq Number: 3139079	Cas Number PHC610			2.2020 10:30	Units mg/kg	Basis: Wet	0	Dil
Seq Number: 3139079 Parameter		Result	RL	2.2020 10:30		Basis: Wet Analysis Date	Flag	
Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO)	PHC610	Result <50.0	RL 50.0	2.2020 10:30	mg/kg	Basis: Wet Analysis Date 10.07.2020 11:37	Flag U	1
Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	2.2020 10:30	mg/kg mg/kg	Basis: Wet Analysis Date 10.07.2020 11:37 10.07.2020 11:37	Flag U U	1 1
Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	PHC610 C10C28DRO PHCG2835	Result <50.0 <50.0 <50.0	RL 50.0 50.0 50.0	2.2020 10:30	mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.07.2020 11:37 10.07.2020 11:37 10.07.2020 11:37	Flag U U U	1 1 1
Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0 50.0	Units	mg/kg mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.07.2020 11:37 10.07.2020 11:37 10.07.2020 11:37 10.07.2020 11:37	Flag U U U U U	1 1 1 1
Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0 50.0 50.0		mg/kg mg/kg mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.07.2020 11:37 10.07.2020 11:37 10.07.2020 11:37 10.07.2020 11:37 10.07.2020 11:37 10.07.2020 11:37 3.0.07.2020 11:37 3.0.07	Flag U U U U U U	1 1 1 1

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS01	Matrix:	Soil	Date Received	d:10.06.2020 17:00
Lab Sample Id: 674479-001	Date Collecte	ed: 10.06.2020 12:10	Sample Depth	n: 2 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139083	Date Prep:	10.07.2020 10:15	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.07.2020 14:27	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.07.2020 14:27	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.07.2020 14:27	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	10.07.2020 14:27	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.07.2020 14:27	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.07.2020 14:27	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.07.2020 14:27	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	87	%	70-130	10.07.2020 14:27		
1,4-Difluorobenzene		540-36-3	102	%	70-130	10.07.2020 14:27		

eurofins Environment Testing Xenco

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS02 Lab Sample Id: 674479-002	Lab Sample Id: 674479-002			Matrix: Soil Date Collected: 10.06.2020 12:20			Date Received:10.06.2020 17:00 Sample Depth: 2 ft		
Analytical Method: Chloride by EP	PA 300					Prep Method: E30	0P		
Tech: MAB									
Analyst: MAB		Date Prep	b: 10.07.20	020 09:44		% Moisture: Basis: Wet	Weishe		
Seq Number: 3139067						Dasis. wet	Weight		
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil	
Chloride	16887-00-6	16.2	10.0		mg/kg	10.07.2020 14:43		1	
Analytical Method: TPH by SW801 Tech: DTH	15 Mod					Prep Method: SW8	8015P		
5	15 Mod	Date Prep	o: 10.07.20	020 10:30		% Moisture:	8015P Weight		
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Prep Result	o: 10.07.20 RL	020 10:30		% Moisture:		Dil	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter				020 10:30		% Moisture: Basis: Wet	Weight	Dil	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number	Result	RL	020 10:30	Units	% Moisture: Basis: Wet Analysis Date	Weight Flag		
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.0	RL 50.0	020 10:30	Units mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 13:58	Weight Flag U	1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	020 10:30	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 13:58 10.07.2020 13:58	Weight Flag U U	1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.0 <50.0 <50.0	RL 50.0 50.0 50.0	020 10:30	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet <u>Analysis Date</u> 10.07.2020 13:58 10.07.2020 13:58 10.07.2020 13:58	Weight Flag U U U	1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0	020 10:30	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Mnalysis Date 10.07.2020 13:58 10.07.2020 13:58 10.07.2020 13:58 10.07.2020 13:58 10.07.2020 13:58	Weight Flag U U U U U	1 1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO Fotal TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0 50.0 50.0		Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 13:58 10.07.2020 13:58 10.07.2020 13:58 10.07.2020 13:58 10.07.2020 13:58 10.07.2020 13:58 Mnalysis Date	Weight Flag U U U U U U Flag	1 1 1 1	

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:FS02Lab Sample Id:674479-002	Matrix:	Soil	Date Received	d:10.06.2020 17:00
	Date Collecte	d: 10.06.2020 12:20	Sample Depth	n: 2 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139083	Date Prep:	10.07.2020 10:15	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	10.07.2020 14:50	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	10.07.2020 14:50	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	10.07.2020 14:50	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	10.07.2020 14:50	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	10.07.2020 14:50	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	10.07.2020 14:50	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	10.07.2020 14:50	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	87	%	70-130	10.07.2020 14:50		
1,4-Difluorobenzene		540-36-3	101	%	70-130	10.07.2020 14:50		

eurofins Environment Testing Xenco

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS03		Matrix:	Soil			Date Received:10.0	0.2020 17	
Lab Sample Id: 674479-003		Date Col	llected: 10.06	.2020 12:30		Sample Depth: 2 ft		
Analytical Method: Chloride by EP	A 300					Prep Method: E300)P	
Tech: MAB								
Analyst: MAB		Date Pre	p: 10.07	.2020 09:44		% Moisture: Basis: Wet	Weight	
Seq Number: 3139067						Dasis. wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12.6	9.94		mg/kg	10.07.2020 12:49		1
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	8015P	
Analytical Method: TPH by SW802 Tech: DTH Analyst: DTH Seq Number: 3139079	15 Mod	Date Pre	p: 10.07.	.2020 10:30		% Moisture:	8015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Pre	p: 10.07. RL	.2020 10:30	Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3139079			1	.2020 10:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter	Cas Number	Result	RL	.2020 10:30		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.2	RL 50.2	.2020 10:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:18	Weight Flag U	1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO	Result <50.2 <50.2	RL 50.2 50.2	.2020 10:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:18 10.07.2020 14:18	Weight Flag U U	1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2	.2020 10:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:18 10.07.2020 14:18 10.07.2020 14:18	Weight Flag U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2 50.2 50.2	.2020 10:30 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:18 10.07.2020 14:18 10.07.2020 14:18 10.07.2020 14:18 10.07.2020 14:18	Weight Flag U U U U U	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Fotal TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2 50.2 50.2 50.2 50.2		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Maalysis Date 10.07.2020 14:18 10.07.2020 14:18 10.07.2020 14:18 10.07.2020 14:18 10.07.2020 14:18 10.07.2020 14:18 10.07.2020 14:18	Weight Flag U U U U U U	1 1 1 1

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample Id	FS03 d: 674479-003	Matrix: Date Collected	Soil 1: 10.06.2020 12:30	Date Received Sample Depth	l:10.06.2020 17:00 : 2 ft
-	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	10.07.2020 10:15	Basis:	Wet Weight
Seq Number:	3139083				

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.07.2020 15:12	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.07.2020 15:12	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.07.2020 15:12	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	10.07.2020 15:12	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.07.2020 15:12	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.07.2020 15:12	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.07.2020 15:12	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	101	%	70-130	10.07.2020 15:12		
4-Bromofluorobenzene		460-00-4	83	%	70-130	10.07.2020 15:12		

eurofins Environment Testing Xenco

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS04 Lab Sample Id: 674479-004		Matrix: Date Col	Soil llected: 10.06	.2020 12:40		Date Received: 10.00 Sample Depth: 2 ft	6.2020 17:	:00
Analytical Method: Chloride by EP	PA 300					Prep Method: E300	0P	
Tech: MAB								
Analyst: MAB		Date Pre	p: 10.07	.2020 09:44		% Moisture: Basis: Wet	X 7 · 1 /	
Seq Number: 3139067			-			Dasis: wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	30.1	9.98		mg/kg	10.07.2020 12:55		1
Analytical Method: TPH by SW80 Tech: DTH	15 Mod					Prep Method: SW8	3015P	
, , , , , , , , , , , , , , , , , , ,	15 Mod	Date Pre	p: 10.07	.2020 10:30		% Moisture:	8015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Pre	p: 10.07 RL	.2020 10:30	Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter			F	.2020 10:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3139079	Cas Number	Result	RL	.2020 10:30		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.1	RL 50.1	.2020 10:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:38	Weight Flag U	1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO	Result <50.1 <50.1	RL 50.1 50.1	.2020 10:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:38 10.07.2020 14:38	Weight Flag U U	1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.1 <50.1 <50.1	RL 50.1 50.1 50.1	.2020 10:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:38 10.07.2020 14:38 10.07.2020 14:38	Weight Flag U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139079 Farameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) fotor Oil Range Hydrocarbons (MRO) fotor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1 <50.1 <50.1 <50.1 <50.1 <50.1	RL 50.1 50.1 50.1 50.1	.2020 10:30	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:38 10.07.2020 14:38 10.07.2020 14:38 10.07.2020 14:38 10.07.2020 14:38	Weight Flag U U U U U	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1 <50.1 <50.1 <50.1 <50.1 <50.1	RL 50.1 50.1 50.1 50.1 50.1 50.1		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:38 10.07.2020 14:38 10.07.2020 14:38 10.07.2020 14:38 10.07.2020 14:38 10.07.2020 14:38	Weight Flag U U U U U U Flag	1 1 1 1

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS04 Lab Sample Id: 674479			Soil 10.06.2020 12:40	Date Received Sample Depth:	:10.06.2020 17:00 2 ft
Analytical Method: BT Tech: MAB Analyst: MAB Seq Number: 3139083	Ľ	Date Prep:	10.07.2020 10:15	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	10.07.2020 15:35	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	10.07.2020 15:35	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	10.07.2020 15:35	U	1
m,p-Xylenes	179601-23-1	< 0.00403	0.00403		mg/kg	10.07.2020 15:35	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	10.07.2020 15:35	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	10.07.2020 15:35	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	10.07.2020 15:35	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	87	%	70-130	10.07.2020 15:35		
1,4-Difluorobenzene		540-36-3	100	%	70-130	10.07.2020 15:35		

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS05 Lab Sample Id: 674479-005		Matrix: Date Col	Soil llected: 10.06.	.2020 12:50		Date Received:10.0 Sample Depth: 2 ft	0.2020 17.	.00
Analytical Method: Chloride by EP	PA 300					Prep Method: E30	0P	
Tech: MAB								
Analyst: MAB		Date Pre	p: 10.07.	.2020 09:44		% Moisture:	X 7 · 1 /	
Seq Number: 3139067			•			Basis: Wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	17.0	10.0		mg/kg	10.07.2020 13:19		1
Analytical Method: TPH by SW80 Tech: DTH	15 Mod					Prep Method: SW8	8015P	
5	15 Mod	Date Pre	p: 10.07.	2020 10:30		% Moisture:	8015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Pre Result	p: 10.07. RL	2020 10:30	Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter			1	2020 10:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3139079	Cas Number	Result	RL	2020 10:30		% Moisture: Basis: Wet Analysis Date	Weight	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.2	RL 50.2	.2020 10:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:59	Weight Flag U	1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2	.2020 10:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:59 10.07.2020 14:59	Weight Flag U U	1 1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2	2020 10:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:59 10.07.2020 14:59 10.07.2020 14:59	EWeight Flag U U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2 50.2 50.2	.2020 10:30 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Maalysis Date 10.07.2020 14:59 10.07.2020 14:59 10.07.2020 14:59 10.07.2020 14:59 10.07.2020 14:59	E Weight Flag U U U U U	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Fotal TPH	Cas Number PHC610 C10C28DR0 PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2 50.2 50.2 50.2		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 14:59 10.07.2020 14:59 10.07.2020 14:59 10.07.2020 14:59 10.07.2020 14:59 10.07.2020 14:59 3 Analysis Date	EWeight Flag U U U U U U Flag	1 1 1 1

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample I	FS05 (d: 674479-005	Matrix: Date Collected	Soil l: 10.06.2020 12:50	Date Received Sample Depth	l:10.06.2020 17:00 : 2 ft
	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB			0/ 14 . 4	
Analyst:	MAB	Date Prep:	10.07.2020 10:15	% Moisture: Basis:	Wet Weight
Seq Number:	3139083			Dasis.	wet weight

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.07.2020 16:53	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.07.2020 16:53	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.07.2020 16:53	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	10.07.2020 16:53	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.07.2020 16:53	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.07.2020 16:53	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.07.2020 16:53	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	86	%	70-130	10.07.2020 16:53		
1,4-Difluorobenzene		540-36-3	98	%	70-130	10.07.2020 16:53		

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample Id	FS06 1: 674479-006		Matrix: Date Colle	Soil ected: 10.06.2020 13:00		Date Received:10.00 Sample Depth: 2 ft	6.2020 17	:00
Analytical Me	thod: Chloride by EP	PA 300				Prep Method: E300)P	
Tech:	MAB							
Analyst:	MAB		Date Prep:	10.07.2020 09:44		% Moisture: Basis: Wet	Weight	
Seq Number:	3139067					Dasis. wet	Weight	
Parameter		Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	<10.0	10.0	mg/kg	10.07.2020 13:37	U	1
Analytical Me	ethod: TPH by SW80	15 Mod				Prep Method: SW8	8015P	
Tech: Analyst:	ethod: TPH by SW80 DTH DTH 3139079	15 Mod	Date Prep:	10.07.2020 10:30		% Moisture:	8015P Weight	
Tech: Analyst:	DTH DTH	15 Mod Cas Number	Date Prep: Result	10.07.2020 10:30 RL	Units	% Moisture:		Dil
Tech: Analyst: Seq Number: Parameter	DTH DTH				Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: Analyst: Seq Number: Parameter	DTH DTH 3139079 Hydrocarbons (GRO)	Cas Number	Result	RL		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: Analyst: Seq Number: Parameter Gasoline Range H Diesel Range Org	DTH DTH 3139079 Hydrocarbons (GRO)	Cas Number PHC610	Result <49.9	RL 49.9	mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 15:18	Weight Flag U	1
Tech: Analyst: Seq Number: Parameter Gasoline Range H Diesel Range Org	DTH DTH 3139079 Hydrocarbons (GRO) ganics (DRO) (ydrocarbons (MRO)	Cas Number PHC610 C10C28DRO	Result <49.9 <49.9	RL 49.9 49.9	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 15:18 10.07.2020 15:18	Weight Flag U U	1 1
Tech: Analyst: Seq Number: Parameter Gasoline Range H Diesel Range Org Motor Oil Range H	DTH DTH 3139079 Hydrocarbons (GRO) ganics (DRO) (ydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9 49.9	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 15:18 10.07.2020 15:18 10.07.2020 15:18	Weight Flag U U U	1 1 1
Tech: Analyst: Seq Number: Parameter Gasoline Range H Diesel Range Org Motor Oil Range H Total GRO-DRO	DTH DTH 3139079 Hydrocarbons (GRO) ganics (DRO) (ydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9 49.9 49.9	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 15:18 10.07.2020 15:18 10.07.2020 15:18 10.07.2020 15:18 10.07.2020 15:18	Weight Flag U U U U U	1 1 1 1

92

%

70-135

10.07.2020 15:18

84-15-1

o-Terphenyl

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS06	Matrix:	Soil	Date Received	l:10.06.2020 17:00
Lab Sample Id: 674479-006	Date Collected	l: 10.06.2020 13:00	Sample Depth:	: 2 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139083	Date Prep:	10.07.2020 10:15	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.07.2020 17:15	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.07.2020 17:15	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.07.2020 17:15	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	10.07.2020 17:15	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.07.2020 17:15	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.07.2020 17:15	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.07.2020 17:15	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	89	%	70-130	10.07.2020 17:15		
1,4-Difluorobenzene		540-36-3	100	%	70-130	10.07.2020 17:15		

eurofins Environment Testing Xenco

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS07 Lab Sample Id: 674479-007		Matrix: Date Coll	Soil lected: 10.06.202	Date Received:10.06.2020 17:00 Sample Depth: 2 ft			
Analytical Method: Chloride by EP	PA 300				Prep Method: E300)P	
Tech: MAB							
Analyst: MAB		Date Prep	b: 10.07.202	20 09:44	% Moisture:	X 7 · 1 /	
Seq Number: 3139067					Basis: Wet	Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	69.8	10.1	mg/kg	10.07.2020 13:43		1
Analytical Method: TPH by SW80 Tech: DTH	15 Mod				Prep Method: SW8	8015P	
	15 Mod	Date Prep	o: 10.07.202	20 10:30	% Moisture:	8015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Prep Result	o: 10.07.202 RL	20 10:30 Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter					% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL	Units	% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3139079	Cas Number PHC610	Result <50.1	RL 50.1	Units mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 15:39	Weight Flag U	1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO	Result <50.1 <50.1	RL 50.1 50.1	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 15:39 10.07.2020 15:39	Weight Flag U U	1 1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.1 <50.1 <50.1	RL 50.1 50.1 50.1	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 15:39 10.07.2020 15:39 10.07.2020 15:39	Weight Flag U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1 <50.1 <50.1 <50.1 <50.1	RL 50.1 50.1 50.1 50.1 50.1	Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 15:39 10.07.2020 15:39 10.07.2020 15:39 10.07.2020 15:39 10.07.2020 15:39	Weight Flag U U U U U	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Fotal TPH	Cas Number PHC610 C10C28DR0 PHCG2835 PHC628 PHC635	Result <50.1 <50.1 <50.1 <50.1 <50.1	RL 50.1 50.1 50.1 50.1 50.1	Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 15:39 10.07.2020 15:39 10.07.2020 15:39 10.07.2020 15:39 10.07.2020 15:39 10.07.2020 15:39 10.07.2020 15:39	Weight Flag U U U U U U U	1 1 1 1

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample I	FS07 d: 674479-007	Matrix: Date Collected	Soil l: 10.06.2020 13:10	Date Received Sample Depth	l:10.06.2020 17:00 : 2 ft
2	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	10.07.2020 10:15	Basis:	Wet Weight
Seq Number:	3139083			Dusis.	wet weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	10.07.2020 17:38	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	10.07.2020 17:38	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	10.07.2020 17:38	U	1
m,p-Xylenes	179601-23-1	< 0.00396	0.00396		mg/kg	10.07.2020 17:38	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	10.07.2020 17:38	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	10.07.2020 17:38	U	1
Total BTEX		< 0.00198	0.00198		mg/kg	10.07.2020 17:38	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	90	%	70-130	10.07.2020 17:38		
1,4-Difluorobenzene		540-36-3	101	%	70-130	10.07.2020 17:38		

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS08 Lab Sample Id: 674479-008		Matrix: Date Coll	Soil lected: 10.06.	2020 13:20		Date Received:10.06.2020 17:00 Sample Depth: 1 ft			
Analytical Method: Chloride by EP	PA 300					Prep Method: E300)P		
Tech: MAB									
Analyst: MAB		Date Prep	b: 10.07.	2020 09:44		% Moisture:	X 7 • 1 /		
Seq Number: 3139067						Basis: Wet	Weight		
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil	
Chloride	16887-00-6	252	50.0		mg/kg	10.07.2020 13:49		5	
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	8015P		
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH Seq Number: 3139079	15 Mod	Date Prep	p: 10.07.	2020 10:30		% Moisture:	3015P Weight		
Tech:DTHAnalyst:DTHSeq Number:3139079	15 Mod Cas Number	Date Prep Result	o: 10.07. RL	2020 10:30	Units	% Moisture:		Dil	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter				2020 10:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL	2020 10:30		% Moisture: Basis: Wet Analysis Date	Weight Flag		
Tech: DTH Analyst: DTH	Cas Number PHC610	Result	RL 50.0	2020 10:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:19	Weight Flag U	1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	2020 10:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:19 10.07.2020 16:19	Weight Flag U U	1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.0 <50.0 <50.0	RL 50.0 50.0 50.0	2020 10:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:19 10.07.2020 16:19 10.07.2020 16:19	Weight Flag U U U	1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0	2020 10:30	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:19 10.07.2020 16:19 10.07.2020 16:19 10.07.2020 16:19 10.07.2020 16:19	Weight Flag U U U U U	1 1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139079 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0 50.0 50.0		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.07.2020 16:19 10.07.2020 16:19 10.07.2020 16:19 10.07.2020 16:19 10.07.2020 16:19 10.07.2020 16:19 10.07.2020 16:19	Weight Flag U U U U U U	1 1 1 1	

Certificate of Analytical Results 674479

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: FS08 Lab Sample Id: 674479-008	Matrix: Soil Date Collected: 10.06.20	Date Received:10.06.2020 17:00 20 13:20 Sample Depth: 1 ft
Analytical Method:BTEX by EPA 8021Tech:MABAnalyst:MABSeq Number:3139083	B Date Prep: 10.07.20	20 10:15 Prep Method: SW5035A % Moisture: Basis: Wet Weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.07.2020 18:00	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.07.2020 18:00	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.07.2020 18:00	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	10.07.2020 18:00	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.07.2020 18:00	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.07.2020 18:00	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.07.2020 18:00	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	87	%	70-130	10.07.2020 18:00		
1,4-Difluorobenzene		540-36-3	100	%	70-130	10.07.2020 18:00		

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 De	tection Limit	LOD Limit of Detection	
PQL Practical Quantitation Limit	MQL Method Qu	antitation Limit	LOQ Limit of Quantitatio	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/Labo	ratory Control Sample Duplicate
MD/SD Method Duplicate/Samp	ple Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered	l for this compound.			

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

Xenco

Environment Testing

🔅 eurofins

QC Summary 674479

LT Environmental, Inc.

Perla Verde 4

Analytical Method: Seq Number: MB Sample Id:	Chloride by 3139067 7712782-1-1)0		Matrix: nple Id:	Solid 7712782-	I-BKS			ep Methe Date Pr D Sample	ep: 10.0	0P 07.2020 2782-1-BSD	
Parameter		MB	Spike	LCS Result	LCS	LCSD	LCSD	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		Result <10.0	Amount 250	260	%Rec 104	Result 262	%Rec 105	90-110	1	20	mg/kg	10.07.2020 10:32	
				200	101	202	100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				0.5	
Analytical Method: Seq Number:	Chloride by 3139067	y EPA 30)0		Matrix:	Soil			Pı	ep Metho Date Pr		0P 07.2020	
Parent Sample Id:	674474-001					674474-00	01 S		MS		-	474-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		568	200	775	104	760	96	90-110	2	20	mg/kg	10.07.2020 11:19	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by 3139067 674479-005)0		Matrix: nple Id:	Soil 674479-00)5 S			rep Metho Date Pro D Sample	ep: 10.0	0P)7.2020 479-005 SD	
Parameter		Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		Result 17.0	Amount 199	Result 221	%Rec 103	Result 220	%Rec 102	90-110	0	Limit 20	mg/kg	Date 10.07.2020 13:25	
Analytical Method: Seq Number:	TPH by SW 3139079	V8015 M	od		Matrix:	Solid			Pı	ep Metho Date Pro		8015P)7.2020	
MB Sample Id:	7712802-1-1	BLK				7712802-1	I-BKS		LCS		-	2802-1-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		<50.0	1000	908	91	934	93	70-135	3	35	mg/kg	10.07.2020 10:37	
Diesel Range Organics ((DRO)	<50.0	1000	1010	101	1040	104	70-135	3	35	mg/kg	10.07.2020 10:37	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			mits	Units	Analysis Date	
1-Chlorooctane		108			11		114			-135	%	10.07.2020 10:37	
o-Terphenyl		108		1	02		104	·	/0	-135	%	10.07.2020 10:37	
Analytical Method:	TPH by SV	V8015 M	od						Pı	ep Meth		8015P	
Seq Number:	3139079				Matrix: nple Id:	Solid 7712802-1	I-BLK			Date Pr	ep: 10.0	07.2020	
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocart	oons (MRO)			<50.0							mg/kg	10.07.2020 11:17	

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 24 of 27

Xenco

Environment Testing

🔅 eurofins

QC Summary 674479

LT Environmental, Inc.

Perla Verde 4

Analytical Method: TPH by SW8015 Mod									Pi	rep Metho	od: SW	8015P	
Seq Number:	3139079			Matrix: Soil					Date Prep: 10.07.2020				
Parent Sample Id:	674479-001	1		MS Sample Id: 674479-001 S				MSD Sample Id: 674479-001 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)	< 50.1	1000	904	90	908	91	70-135	0	35	mg/kg	10.07.2020 12:18	
Diesel Range Organics ((DRO)	<50.1	1000	1010	101	1030	103	70-135	2	35	mg/kg	10.07.2020 12:18	
Surrogate					IS Rec	MS Flag	MSE %Re			imits	Units	Analysis Date	
1-Chlorooctane				1.	31		133		70	-135	%	10.07.2020 12:18	
o-Terphenyl				116 124				70-135 % 10.07.2020 12:1			10.07.2020 12:18		

Analytical Method:	BTEX by EPA 8021	B						Pi	rep Metho	od: SW	5035A	
Seq Number:	3139083]	Matrix:	Solid				Date Pr	ep: 10.0	07.2020	
MB Sample Id:	7712799-1-BLK		LCS San	nple Id:	7712799-	I-BKS		LCS	D Sample	e Id: 771	2799-1-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	0.111	111	70-130	1	35	mg/kg	10.07.2020 10:10	
Toluene	< 0.00200	0.100	0.105	105	0.106	106	70-130	1	35	mg/kg	10.07.2020 10:10	
Ethylbenzene	< 0.00200	0.100	0.0970	97	0.0964	96	71-129	1	35	mg/kg	10.07.2020 10:10	
m,p-Xylenes	< 0.00400	0.200	0.196	98	0.194	97	70-135	1	35	mg/kg	10.07.2020 10:10	
o-Xylene	< 0.00200	0.100	0.0970	97	0.0967	97	71-133	0	35	mg/kg	10.07.2020 10:10	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene	98		9	9		97		70	-130	%	10.07.2020 10:10	
4-Bromofluorobenzene	85		8	35		85		70	-130	%	10.07.2020 10:10	

Analytical Method:	BTEX by EPA 8021	BTEX by EPA 8021B						P	rep Meth	od: SW	5035A	
Seq Number:	3139083			Matrix:	Soil				Date Prep: 10.07.2020			
Parent Sample Id:	674474-001		MS Sample Id: 674474-001 S				MSD Sample Id: 674474-001 SD					
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.0998	0.100	100	0.124	124	70-130	21	35	mg/kg	10.07.2020 10:55	
Toluene	< 0.00200	0.0998	0.0971	97	0.130	130	70-130	29	35	mg/kg	10.07.2020 10:55	
Ethylbenzene	< 0.00200	0.0998	0.0910	91	0.123	123	71-129	30	35	mg/kg	10.07.2020 10:55	
m,p-Xylenes	< 0.00399	0.200	0.183	92	0.246	122	70-135	29	35	mg/kg	10.07.2020 10:55	
o-Xylene	< 0.00200	0.0998	0.0884	89	0.118	118	71-133	29	35	mg/kg	10.07.2020 10:55	
Surrogate				1S Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene			ç	97		97		70	-130	%	10.07.2020 10:55	

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

4-Bromofluorobenzene

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

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

84

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

.

10.07.2020 10:55

Page 25 of 27

84

70-130

%
Sp h	Relinquished by: (Signature)	Address of animatic start get	tice: Signature of this docum service. Xenco will be liable	Total 200.7 / 6010 Circle Method(s) an			Eso8	FSOJ	fsoé	5053	FS04	5053	E 50 2	fsoi	Sample Identification	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	emporature (°C).	SAMPLE RECEIPT	Sampler's Name:	P.O. Number:	un	Name:		City, State ZIP: Midla			Project Manager: Dan Moir	Page 145
Cla	>		ent and relinquishment of sa only for the cost of samples f \$75.00 will be applied to ea	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed			Ł							5 1	Matrix	Yes No NA	N		-	Temp.Blank:	Spencer Lo		0	Perla Verde 4	(432) 236-3849	Midland, TX 79705	3300 North A Street	LT Environmental, Inc., Pe	Moir	EXALCO
Cuttle	Received by: (Signature)		amples constitutes a valid p and shall not assume any r ch project and a charge of t	8RCRA 13PPM yzed TCLP / SPLP			\$ 1320	1310	1300	1250	1240	1230	iro	10-6-20 1210	Date Time Sampled Sampled	Total Containers:	Correction Factor:	1-NM-00	The	Ke No Wet Ice:		Rush:	Ro	1T	Email:			Permian office		Houston, Midland Hobbs,NM (575-392
, O			urchase order from clien esponsibility for any loss \$5 for each sample subm	CRA 13PPM Texas 11 AI TCLP / SPLP 6010: 8RCRA			N (1)	21	2'	2)	2'	2'	2,	1 1	Depth Numt	ø	6.0			No No	Due Date:	H	ine 1	Turn Around	slo@ltenv.com, dm	City, State ZIP:	Address:	Company Name:	Bill to: (if different)	Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX Midland,TX (432-704-5440) EL Paso,TX (915)565-3443 Lubbock,TX Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800
والمحالية من	1 3	Data/Tima	It company to Xenco, its a ses or expenses incurred itted to Xenco, but not an	Sb As Ba Be B Sb As Ba Be C			1 0 4							X X X	TPH (E BTEX Chlori	(EP/	A 0=	8021)	-				1		slo@ltenv.com, dmoir@ltenv.com, kkennedy@ltenv.com	Carlsbad, NM 88220	3104 East Green Street	XTO Energy	Kyle Littrell	Dallas, TX (214) 902-0300 San Antonio, 7 EL Paso, TX (915)585-3443 Lubbock, T (480-355-0900) Atlanta, GA (770-449-880
<u>64</u> K		Pelinguished by: (Signatu	tice: 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 tice: Signature of this document and relinquishment 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 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 service. A minimum charate 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.	Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn r Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag		1 An																		ANALYSIS REQUEST						Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334 Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296 (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
		re) Received by: (Signature)	ns standard terms and conditions circumstances beyond the control unless previously negotiated.	goid		63																		ST	Deliverables: EDD ADaP1	Level III	, п	Program: UST/PST PRP Brownfields RCC		
) Date/Time		1631 / 245.1 / 7470 / 7471 : Hg	C- TI CA II V										Sample Comments		TAT starts the day received by the							Work Order Notes	Utner	E]	elds RRC Duperfund		www.xenco.com Page of /

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature R	ange: 0 - 6 degC
Date/ Time Received: 10.06.2020 05.00.00 PM	Air and Metal samples Acc	
Work Order #: 674479	Temperature Measuring de	evice used : T_NM_007
Sample Recei	pt Checklist	Comments
#1 *Temperature of cooler(s)?	.6	
#2 *Shipping container in good condition?	Yes	
#3 *Samples received on ice?	Yes	
#4 *Custody Seals intact on shipping container/ cooler?	Yes	
#5 Custody Seals intact on sample bottles?	Yes	
#6*Custody Seals Signed and dated?	Yes	
#7 *Chain of Custody present?	Yes	
#8 Any missing/extra samples?	No	
#9 Chain of Custody signed when relinquished/ received?	Yes	
#10 Chain of Custody agrees with sample labels/matrix?	Yes	
#11 Container label(s) legible and intact?	Yes	
#12 Samples in proper container/ bottle?	Yes	Samples received in bulk containers.
#13 Samples properly preserved?	Yes	
#14 Sample container(s) intact?	Yes	
#15 Sufficient sample amount for indicated test(s)?	Yes	
#16 All samples received within hold time?	Yes	
#17 Subcontract of sample(s)?	No	
#18 Water VOC samples have zero headspace?	N/A	

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

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 10.07.2020

Checklist reviewed by: Jessica Kramer

Date: 10.07.2020

Project Id:

Project Location:

Contact:

eurofins Environment Testing Xenco

012920121

Dan Moir

Certificate of Analysis Summary 674821

LT Environmental, Inc., Arvada, CO

Project Name: Perla Verde 4

 Date Received in Lab:
 Fri 10.09.2020 13:40

 Report Date:
 10.12.2020 11:53

Project Manager: Jessica Kramer

	Lab Id:	674821-001			
Analusia Deguested	Field Id:	BH03			
Analysis Requested	Depth:	3- ft			
	Matrix:	SOIL			
	Sampled:	10.08.2020 16:55			
BTEX by EPA 8021B	Extracted:	10.09.2020 18:41			
	Analyzed:	10.10.2020 05:40			
	Units/RL:	mg/kg RL			
Benzene		<0.00202 0.00202			
Toluene		<0.00202 0.00202			
Ethylbenzene		<0.00202 0.00202			
m,p-Xylenes		<0.00404 0.00404			
o-Xylene		<0.00202 0.00202			
Total Xylenes		<0.00202 0.00202			
Total BTEX		<0.00202 0.00202			
Chloride by EPA 300	Extracted:	10.09.2020 16:36			
	Analyzed:	10.09.2020 18:57			
	Units/RL:	mg/kg RL			
Chloride		185 10.0			
TPH by SW8015 Mod	Extracted:	10.09.2020 17:30			
	Analyzed:	10.10.2020 05:08			
	Units/RL:	mg/kg RL			
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9			
Diesel Range Organics (DRO)		<49.9 49.9			
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9			
Total GRO-DRO		<49.9 49.9			
Total TPH		<49.9 49.9			

BRL - Below Reporting Limit

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

Jession Vramer

Page 1 of 12

eurofins Environment Testing Xenco

Analytical Report 674821

for

LT Environmental, Inc.

Project Manager: Dan Moir

Perla Verde 4

012920121

10.12.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

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

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

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



10.12.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 674821 Perla Verde 4 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) 674821. 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. 674821 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 3 of 12

Environment Testing Xenco

Sample Cross Reference 674821

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
BH03	S	10.08.2020 16:55	3 ft	674821-001

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Perla Verde 4

 Project ID:
 012920121

 Work Order Number(s):
 674821

 Report Date:
 10.12.2020

 Date Received:
 10.09.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analytical Results 674821

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:BH03Lab Sample Id:674821-001		Matrix: Date Co	Soil llected: 10.08	.2020 16:55		Date Received:10.09.2020 13:40 Sample Depth: 3 ft				
Analytical Method: Chloride by EF	PA 300					Prep Method: E300)P			
Tech: MAB										
Analyst: MAB		Date Pre	ep: 10.09	.2020 16:36		% Moisture: Basis: Wet	XX7 * 1 /			
Seq Number: 3139363			-			basis: wet	Weight			
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil		
Chloride	16887-00-6	185	10.0		mg/kg	10.09.2020 18:57		1		
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	8015P			
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH Seq Number: 3139371	15 Mod	Date Pre	ep: 10.09	.2020 17:30		% Moisture:	3015P Weight			
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Pre Result	ep: 10.09 RL	.2020 17:30	Units	% Moisture:		Dil		
Tech:DTHAnalyst:DTHSeq Number:3139371				.2020 17:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil		
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter	Cas Number	Result	RL	.2020 17:30		% Moisture: Basis: Wet Analysis Date	Weight Flag			
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <49.9	RL 49.9	.2020 17:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 05:08	Weight Flag U	1		
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <49.9 <49.9	RL 49.9 49.9	.2020 17:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 05:08 10.10.2020 05:08	Weight Flag U U	1 1		
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9	.2020 17:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 05:08 10.10.2020 05:08 10.10.2020 05:08	Weight Flag U U U	1 1 1		
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9 49.9 49.9	.2020 17:30 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 05:08 10.10.2020 05:08 10.10.2020 05:08 10.10.2020 05:08 10.10.2020 05:08	Weight Flag U U U U U	1 1 1 1		
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9 49.9 49.9 49.9		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 05:08 10.10.2020 05:08 10.10.2020 05:08 10.10.2020 05:08 10.10.2020 05:08 10.10.2020 05:08	Weight Flag U U U U U U	1 1 1 1		

Certificate of Analytical Results 674821

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample Id	BH03 l: 674821-001	Matrix: Date Collected	Soil 1: 10.08.2020 16:55	Date Received:10.09.2020 13:40 Sample Depth: 3 ft				
Analytical Me Tech:	thod: BTEX by EPA 8021B MAB			Prep Method:	SW5035A			
Analyst: Seq Number:	MAB 3139372	Date Prep:	10.09.2020 18:41	% Moisture: Basis:	Wet Weight			

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	10.10.2020 05:40	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	10.10.2020 05:40	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	10.10.2020 05:40	U	1
m,p-Xylenes	179601-23-1	< 0.00404	0.00404		mg/kg	10.10.2020 05:40	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	10.10.2020 05:40	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	10.10.2020 05:40	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	10.10.2020 05:40	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	124	%	70-130	10.10.2020 05:40		
1,4-Difluorobenzene		540-36-3	110	%	70-130	10.10.2020 05:40		

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.													
RL Reporting Limit													
MDL Method Detection LimitSDLSample Detection LimitLOD Limit of Detection													
PQL Practical Quantitation Limit MQL Method Quantitation Limit LOQ Limit of Quantitation													
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	ratory Control Sample Duplicate									
MD/SDMethod Duplicate/Sample DuplicateMSMatrix SpikeMSD: Matrix Spike Duplicate													
+ NELAC certification not offered f													

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

Xenco

Environment Testing

🔅 eurofins

QC Summary 674821

LT Environmental, Inc.

Perla Verde 4

Analytical Method: Seq Number: MB Sample Id:	Chloride by 3139363 7713002-1-1)0		Matrix: nple Id:	Solid 7713002-	1-BKS			rep Meth Date Pr D Sample	rep: 10.0	0P 09.2020 3002-1-BSD	
Parameter		MB Result	Spike	LCS Result	LCS %Rec	LCSD		Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		<10.0	Amount 250	262	% кес 105	Result 264	%Rec 106	90-110	1	20	mg/kg	10.09.2020 17:12	
Analytical Method: Seq Number:	Chloride by 3139363	y EPA 30)0		Matrix:	Soil			P	rep Meth Date Pr		0P 19.2020	
Parent Sample Id:	674817-001					674817-0	01 S		MS		-	817-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		51.2	200	259	104	261	105	90-110	1	20	mg/kg	10.09.2020 17:29	
									n		1 E20	0D	
Analytical Method: Seq Number:	3139363	y EPA 30	<i>J</i> 0		Matrix:	Soil			P	rep Meth Date Pr		0F 19.2020	
Parent Sample Id:	674822-001			MS Sar	nple Id:	674822-0	01 S		MS		-	822-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		5080	202	5290	104	5300	110	90-110	0	20	mg/kg	10.09.2020 18:46	
Analytical Method: Seq Number:	TPH by SV 3139371	V8015 M	od		Matrix:	Solid			P	rep Meth Date Pr		8015P 19.2020	
MB Sample Id:	7713057-1-1	BLK		LCS Sar	nple Id:	7713057-	1-BKS		LCS	D Sample	e Id: 771	3057-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb Diesel Range Organics		<50.0 <50.0	1000 1000	845 972	85 97	863 1010	86 101	70-135 70-135	2 4	35 35	mg/kg mg/kg	10.10.2020 00:43 10.10.2020 00:43	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re	-		imits	Units	Analysis Date	
1-Chlorooctane		103			29		129			-135	%	10.10.2020 00:43	
o-Terphenyl		104		1	22		126)	70	-135	%	10.10.2020 00:43	
Analytical Method:	TPH by SV	V8015 M	od						P	rep Meth	od: SW	8015P	
Seq Number:	3139371				Matrix: nple Id:	Solid 7713057-	1-BLK			Date Pr	rep: 10.0	9.2020	
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocar	bons (MRO)			<50.0							mg/kg	10.10.2020 01:24	

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

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

.

Page 9 of 12

Xenco

Environment Testing

🔅 eurofins

QC Summary 674821

LT Environmental, Inc.

Perla Verde 4

Analytical Method:	od	od Matrix: Soil						Prep Method: SW8015P							
Seq Number:	3139371]	Matrix:	Soil				Date Pre	ep: 10.0	9.2020			
Parent Sample Id: 674817-001				MS San	nple Id:	674817-00	01 S		MS	D Sample	e Id: 6748	817-001 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)	<49.8	996	879	88	848	85	70-135	4	35	mg/kg	10.10.2020 02:05			
Diesel Range Organics (DRO)	<49.8	996	991	99	982	98	70-135	1	35	mg/kg	10.10.2020 02:05			
Surrogate					IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date			
1-Chlorooctane				1	23		106		70	-135	%	10.10.2020 02:05			
o-Terphenyl				1	01		98		70	-135	%	10.10.2020 02:05			

Analytical Method:	BTEX by EPA 8021	B	Matrix: Solid				Prep Method: SW5035A					
Seq Number:	3139372]	Matrix:	Solid				Date Pr	ep: 10.0	9.2020	
MB Sample Id:	7713005-1-BLK		LCS San	nple Id:	7713005-	I-BKS		LCS	D Sample	e Id: 771	3005-1-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	0.101	101	0.0992	99	70-130	2	35	mg/kg	10.09.2020 22:54	
Toluene	< 0.00200	0.100	0.0928	93	0.0929	93	70-130	0	35	mg/kg	10.09.2020 22:54	
Ethylbenzene	< 0.00200	0.100	0.0942	94	0.0970	97	71-129	3	35	mg/kg	10.09.2020 22:54	
m,p-Xylenes	< 0.00400	0.200	0.193	97	0.198	99	70-135	3	35	mg/kg	10.09.2020 22:54	
o-Xylene	< 0.00200	0.100	0.0981	98	0.0980	98	71-133	0	35	mg/kg	10.09.2020 22:54	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSE %Ree			imits	Units	Analysis Date	
1,4-Difluorobenzene	103		1	00		102		70	-130	%	10.09.2020 22:54	
4-Bromofluorobenzene	114		1	07		110		70	-130	%	10.09.2020 22:54	

Analytical Method: Seq Number: Parent Sample Id:	BTEX by EPA 802 3139372 674817-001	lB		Matrix: nple Id:	Soil 674817-00)1 S			rep Metho Date Pro D Sample	ep: 10.0	SW5035A 10.09.2020 674817-001 SD		
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag	
Benzene	< 0.00200	0.0998	0.105	105	0.111	111	70-130	6	35	mg/kg	10.09.2020 23:39		
Toluene	< 0.00200	0.0998	0.0976	98	0.103	103	70-130	5	35	mg/kg	10.09.2020 23:39		
Ethylbenzene	< 0.00200	0.0998	0.101	101	0.107	107	71-129	6	35	mg/kg	10.09.2020 23:39		
m,p-Xylenes	< 0.00399	0.200	0.205	103	0.216	108	70-135	5	35	mg/kg	10.09.2020 23:39		
o-Xylene	< 0.00200	0.0998	0.102	102	0.107	107	71-133	5	35	mg/kg	10.09.2020 23:39		
Surrogate				1S Rec	MS Flag	MSD %Re			imits	Units	Analysis Date		
1,4-Difluorobenzene			ç	9 7		99		70	-130	%	10.09.2020 23:39		

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

4-Bromofluorobenzene

[D] = 100*(C-A) / B $\begin{array}{l} \text{[D]} & = 100 \ (\text{C-E}) \ (\text{C-E}) \ | \\ \text{[D]} & = 100 \ (\text{C}) \ (\text{B}) \\ \text{Log Diff.} & = \text{Log(Sample Duplicate)} \ - \text{Log(Original Sample)} \end{array}$ LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result

110

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

.

10.09.2020 23:39

Page 10 of 12

109

70-130

%

South	Relinquished by: (Signature)	ce: Signature of this document and arvice. Xenco will be liable only for anco. A minimum charge of \$75.00	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed					/	/	BH03	Sample Identification		Cooler Custody Seals: Yes	Received Intact:	SAMPLE RECEIPT	Sampler's Name:	P.O. Number:	Project Number:	Project Name:	Phone: (432) 236-3849	City, State ZIP: Midland, TX 79705	Address: 3300 Nor		Project Manager: Dan Moir	LABORA
L L	C (e)	I relinquishment of the cost of sample will be applied to	200.8 / 6020: Metal(s) to be an							S	Matrix	Ro	NIA NIA	Ver No	1×	Spencer Lo		012920121	Perla Verde 4	3-3849	TX 79705	3300 North A Street	LT Environmental, Inc.,		ENCO
ve Un	Received by:	samples constitute and shall not ase each project and a	8RCRA alyzed TCL							10/8/2020	Date Sampled S	Total C	Correcti	1- NM	Yet No	6		21	de 4				Permian office		Hobbs,NI
the second	(Signature)	es a valid purchat sume any respon charge of \$5 for e	CRA 13PPM Texas 11 AI TCLP / SPLP 6010: 8RCRA	_	_					1655	Time Sampled		Factor: -	Inermometer ID	Wet Ice: Wet	Due Date	Rush:	Routine	Turn	Email: slo	Cit	Ad		Bill	Houston, IX (Midland, TX M (575-392-755)
lo		se order from clic sibility for any lo each sample sub	Texas 11 Al 010: 8RCRA		0	X	5			ω	Depth		2	ntain	No	Ö.		4	Turn Around	Email: slo@ltenv.com, c	City, State ZIP:	Address:	Company Name:	Bill to: (if different)	281) 240-4200 (432-704-5440) 0) Phoenix,AZ (
10-9-20 134D	Date/Time	ent company to Xenco, i sses or expenses incur mitted to Xenco, but no	N Sb As Ba Be A Sb As Ba Be							X X	TPH (E BTEX (Chlorid	EPA 80))=8(021)	013					dmoir@ltenv.com, k	Carlsbad, NM 88220	3104 East Green Street	: XTO Energy	Kyle Littrell	Dallas, TX (214) 902-0 EL Paso,TX (915)58 (480-355-0900) Atlant
4 2	Relinquished by: (Signature)	vice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control 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.	Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U																ANALYSIS REQUEST	dmoir@ltenv.com, kkennedy@ltenv.com	8220	n Street			Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300 San Antonio, TX (210) 509-3334 Midland, TX (432-704-5440) EL Paso, TX (915)585-3443 Lubbock, TX (806)794-1296 Hobbs, NM (575-392-7550) Phoenix, AZ (480-355-0900) Atlanta, GA (770-449-8800) Tampa, FL (813-520-2000)
		gns standard terms and condition to circumstances beyond the cont d unless previously negotiated.	b Mg Mn Mo Ni K Se Ni Se Ag Ti U																JEST	Deliverables: EDD	Reporting:Level IIevel III	State of Project:	Program: UST/PST		
	Received by: (Signature)	7 <u>0</u>	g SiO2 Na Sr TI 1631 / 245.1	-							Samp	lab, if re	TAT state th						Work	ADaPT			PRP Brownfields RC	ğ	www.xenco.com Page
	Date/Time		Sn U V Zn 17470 17471 : Hg								Sample Comments	lab, if received by 4:30pm							Work Order Notes	Other:			Duperfund [of

Final 1.000

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature Range: 0 - 6 degC						
Date/ Time Received: 10.09.2020 01.40.00 PM	Air and Metal samples Acc	eptable Range: Ambient					
Work Order #: 674821	Temperature Measuring de	evice used : T_NM_007					
Sample Recei	pt 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	Samples received in bulk containers.					
#13 Samples properly preserved?	Yes						
#14 Sample container(s) intact?	Yes						
#15 Sufficient sample amount for indicated test(s)?	Yes						
#16 All samples received within hold time?	Yes						
#17 Subcontract of sample(s)?	No						
#18 Water VOC samples have zero headspace?	N/A						

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

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 10.09.2020

Checklist reviewed by: Jessica Kramer

Date: 10.12.2020

eurofins Environment Testing Xenco

Project Id: 012920121 Dan Moir

Contact:

Project Location:

Certificate of Analysis Summary 674820

LT Environmental, Inc., Arvada, CO

Project Name: Perla Verde 4

Date Received in Lab: Fri 10.09.2020 13:40 **Report Date:** 10.14.2020 13:41

Project Manager: Jessica Kramer

	Lab Id:	674820-0	001	674820-0	002		
Analysis Requested	Field Id:	SW05	A	SW06	В		
Analysis Kequestea	Depth:	1- ft		2- ft			
	Matrix:	SOIL	,	SOIL			
	Sampled:	10.08.2020	16:35	10.08.2020	16:45		
BTEX by EPA 8021B	Extracted:	10.12.2020	13:55	10.12.2020	13:55		
	Analyzed:	10.12.2020	17:54	10.12.2020	18:50		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Benzene		< 0.00500	0.00500	< 0.00200	0.00200		
Toluene		< 0.00500	0.00500	< 0.00200	0.00200		
Ethylbenzene		0.126	0.0200	< 0.00200	0.00200		
m,p-Xylenes		0.249	0.0400	< 0.00400	0.00400		
o-Xylene		0.279	0.0200	< 0.00200	0.00200		
Total Xylenes		0.528	0.0200	< 0.00200	0.00200		
Total BTEX		0.654	0.00500	< 0.00200	0.00200		
Chloride by EPA 300	Extracted:	10.09.2020	16:36	10.09.2020	16:36		
	Analyzed:	10.09.2020	18:29	10.09.2020	18:35		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Chloride		116	10.0	31.5	10.0		
TPH by SW8015 Mod	Extracted:	10.09.2020	17:30	10.09.2020	17:30		
	Analyzed:	10.10.2020	06:50	10.10.2020	05:28		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		362	50.1	<49.8	49.8		
Diesel Range Organics (DRO)		4770	50.1	69.6	49.8		
Motor Oil Range Hydrocarbons (MRO)		547	50.1	<49.8	49.8		
Total GRO-DRO		5130	50.1	69.6	49.8		
Total TPH		5680	50.1	69.6	49.8		

BRL - Below Reporting Limit

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

Jession Vramer

Page 1 of 14

eurofins Environment Testing Xenco

Analytical Report 674820

for

LT Environmental, Inc.

Project Manager: Dan Moir

Perla Verde 4

012920121

10.14.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

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

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

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

Page 161 of 209

10.14.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 674820 Perla Verde 4 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) 674820. 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. 674820 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 3 of 14



Sample Cross Reference 674820

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SW05 A	S	10.08.2020 16:35	1 ft	674820-001
SW06 B	S	10.08.2020 16:45	2 ft	674820-002

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Perla Verde 4

 Project ID:
 012920121

 Work Order Number(s):
 674820

 Report Date:
 10.14.2020

 Date Received:
 10.09.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

Certificate of Analytical Results 674820

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW05 ALab Sample Id:674820-001		Matrix: Date Co	Soil ollected: 10.08	.2020 16:35		Date Received:10.09.2020 13:40 Sample Depth: 1 ft			
Analytical Method: Chloride by EPA	A 300					Prep Method: E300)P		
Tech: MAB									
Analyst: MAB		Date Pro	ep: 10.09	.2020 16:36		% Moisture:	*** * 1 /		
Seq Number: 3139363						Basis: Wet	Weight		
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil	
Chloride	16887-00-6	116	10.0		mg/kg	10.09.2020 18:29		1	
Analytical Method: TPH by SW801:	5 Mod					Prep Method: SW8	015P		
Analytical Method: TPH by SW801: Tech: DTH Analyst: DTH Seq Number: 3139371	5 Mod	Date Pro	ер: 10.09	.2020 17:30		% Moisture:	015P Weight		
Tech: DTH Analyst: DTH	5 Mod Cas Number		ep: 10.09 RL	.2020 17:30	Units	% Moisture:		Dil	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter				.2020 17:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil	
Tech: DTH Analyst: DTH Seq Number: 3139371	Cas Number	Result	RL	.2020 17:30		% Moisture: Basis: Wet Analysis Date	Weight		
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result	RL 50.1	.2020 17:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:50	Weight		
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result 362 4770	RL 50.1 50.1	.2020 17:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:50 10.10.2020 06:50	Weight	1	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	• Result 362 4770 547	RL 50.1 50.1 50.1	.2020 17:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:50 10.10.2020 06:50 10.10.2020 06:50	Weight	1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	• Result 362 4770 547 5130 5680	RL 50.1 50.1 50.1 50.1 50.1	.2020 17:30 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:50 10.10.2020 06:50 10.10.2020 06:50 10.10.2020 06:50 10.10.2020 06:50	Weight	1 1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHC62835 PHC628 PHC635	• Result 362 4770 547 5130 5680	RL 50.1 50.1 50.1 50.1 50.1 50.1		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:50 10.10.2020 06:50 10.10.2020 06:50 10.10.2020 06:50 10.10.2020 06:50 10.10.2020 06:50 10.10.2020 06:50	Weight Flag	1 1 1 1	

Certificate of Analytical Results 674820

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW05 ALab Sample Id:674820-001	Matrix:	Soil	Date Received:10.09.2020 13:40		
	Date Collected	d: 10.08.2020 16:35	Sample Depth: 1 ft		
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139520	Date Prep:	10.12.2020 13:55	Prep Method: % Moisture: Basis:	SW5035A Wet Weight	

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00500	0.00500		mg/kg	10.12.2020 17:54	U	1
Toluene	108-88-3	< 0.00500	0.00500		mg/kg	10.12.2020 17:54	U	1
Ethylbenzene	100-41-4	0.126	0.0200		mg/kg	10.12.2020 17:54		1
m,p-Xylenes	179601-23-1	0.249	0.0400		mg/kg	10.12.2020 17:54		1
o-Xylene	95-47-6	0.279	0.0200		mg/kg	10.12.2020 17:54		1
Total Xylenes	1330-20-7	0.528	0.0200		mg/kg	10.12.2020 17:54		1
Total BTEX		0.654	0.00500		mg/kg	10.12.2020 17:54		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	80	%	70-130	10.12.2020 17:54		
1,4-Difluorobenzene		540-36-3	81	%	70-130	10.12.2020 17:54		

Environment Testing Xenco

Certificate of Analytical Results 674820

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW06 BLab Sample Id:674820-002		Matrix: Date Col	Soil lected: 10.08.	.2020 16:45		Date Received:10.09.2020 13:40 Sample Depth: 2 ft			
Analytical Method: Chloride by EF	PA 300					Prep Method: E300)P		
Tech: MAB									
Analyst: MAB		Date Prep	p: 10.09.	.2020 16:36		% Moisture: Basis: Wet	Weight		
Seq Number: 3139363						Dasis. wet	Weight		
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil	
Chloride	16887-00-6	31.5	10.0		mg/kg	10.09.2020 18:35		1	
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	8015P		
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH Seq Number: 3139371	15 Mod	Date Prej	p: 10.09.	.2020 17:30		% Moisture:	8015P Weight		
Tech:DTHAnalyst:DTHSeq Number:3139371	15 Mod Cas Number	Date Prej Result	p: 10.09. RL	.2020 17:30	Units	% Moisture:		Dil	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter			1	.2020 17:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil 1	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL	.2020 17:30		% Moisture: Basis: Wet Analysis Date	Weight Flag		
Tech: DTH Analyst: DTH	Cas Number PHC610	Result <49.8	RL 49.8	.2020 17:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 05:28	Weight Flag		
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO	Result <49.8 69.6	RL 49.8 49.8	.2020 17:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 05:28 10.10.2020 05:28	Weight Flag U	1	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <49.8 69.6 <49.8	RL 49.8 49.8 49.8	.2020 17:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 05:28 10.10.2020 05:28 10.10.2020 05:28	Weight Flag U	1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <49.8 69.6 <49.8 69.6 69.6	RL 49.8 49.8 49.8 49.8 49.8	.2020 17:30 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 05:28 10.10.2020 05:28 10.10.2020 05:28 10.10.2020 05:28 10.10.2020 05:28	Weight Flag U	1 1 1 1	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635 C	Result <49.8 69.6 <49.8 69.6 69.6	RL 49.8 49.8 49.8 49.8 49.8 49.8 49.8		mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 05:28 10.10.2020 05:28 10.10.2020 05:28 10.10.2020 05:28 10.10.2020 05:28 10.10.2020 05:28 10.10.2020 05:28	Weight Flag U U	1 1 1 1	

Environment Testing Xenco

Certificate of Analytical Results 674820

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW06 BLab Sample Id:674820-002	Matrix:	Soil	Date Received:10.09.2020 13:40			
	Date Collecte	d: 10.08.2020 16:45	Sample Depth: 2 ft			
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139520	Date Prep:	10.12.2020 13:55	Prep Method: % Moisture: Basis:	SW5035A Wet Weight		

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.12.2020 18:50	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.12.2020 18:50	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.12.2020 18:50	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	10.12.2020 18:50	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.12.2020 18:50	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.12.2020 18:50	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.12.2020 18:50	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	81	%	70-130	10.12.2020 18:50		
1,4-Difluorobenzene		540-36-3	95	%	70-130	10.12.2020 18:50		

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.	Below Reporting Limit. ND Not Detected.									
RL Reporting Limit										
MDL Method Detection Limit	SDL Sample De	tection Limit	LOD Limit of Detection							
PQL Practical Quantitation Limit	MQL Method Qu	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/Labo	ratory Control Sample Duplicate						
MD/SD Method Duplicate/Samp	ole Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate						
+ NELAC 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 674820

LT Environmental, Inc.

Perla Verde 4

Analytical Method: Seq Number: MB Sample Id:	Chloride b 3139363 7713002-1-	-)0		Matrix: nple Id:	Solid 7713002-	I-BKS			rep Metho Date Pro D Sample	ep: 10.0	0P 19.2020 3002-1-BSD	
Parameter		MB	Spike	LCS Description		LCSD	LCSD	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		Result <10.0	Amount 250	Result 262	%Rec 105	Result 264	%Rec 106	90-110	1	20	mg/kg	10.09.2020 17:12	
			200		100	201	100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		20			
Analytical Method:	Chloride by 3139363	y EPA 30	00		M	C - 11			Pı	rep Metho			
Seq Number: Parent Sample Id:	674817-001				Matrix:	674817-00	01 S		MS	Date Pr D Sample	-	9.2020 817-001 SD	
Parameter	011011 001	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		51.2	200	259	104	261	105	90-110	1	20	mg/kg	10.09.2020 17:29	
Analytical Method: Seq Number: Parent Sample Id:	Chloride b 3139363 674822-001	-)0		Matrix: nple Id:	Soil 674822-00	01 S			rep Metho Date Pro D Sample	ep: 10.0	0P 19.2020 822-001 SD	
Parameter		Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		Result 5080	Amount 202	Result 5290	%Rec 104	Result 5300	%Rec 110	90-110	0	Limit 20	mg/kg	Date 10.09.2020 18:46	U
Analytical Method: Seq Number: MB Sample Id:	TPH by SV 3139371 7713057-1-		od		Matrix: nple Id:	Solid 7713057-1	I-BKS			rep Metho Date Pro D Sample	ep: 10.0	8015P 19.2020 3057-1-BSD	
Parameter	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MB	Spike	LCS	LCS	LCSD	LCSD	Limits	%RPD	RPD	Units	Analysis	Flag
Gasoline Range Hydrocarb	ons (GPO)	Result	Amount	Result	%Rec	Result	%Rec	70 125	2	Limit		Date 10.10.2020 00:43	B
Diesel Range Organics		<50.0 <50.0	1000 1000	845 972	85 97	863 1010	86 101	70-135 70-135	2 4	35 35	mg/kg mg/kg	10.10.2020 00:43	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re	-		imits	Units	Analysis Date	
1-Chlorooctane		103			29		129			-135	%	10.10.2020 00:43	
o-Terphenyl		104		1	22		126)	70)-135	%	10.10.2020 00:43	
Analytical Method:	TPH by SV	V8015 M	od						Pı	rep Meth		8015P	
Seq Number:	3139371				Matrix: nple Id:	Solid 7713057-1	I-BLK			Date Pr	ep: 10.0	9.2020	
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocar	bons (MRO)			<50.0							mg/kg	10.10.2020 01:24	

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 11 of 14

Xenco

Environment Testing

🔅 eurofins

LT Environmental, Inc.

Perla Verde 4

Analytical Method: Seq Number: Parent Sample Id:	TPH by S 3139371 674817-00		od		Matrix: nple Id:	Soil 674817-00)1 S			ep Meth Date Pr D Sample	ep: 10.0	8015P 99.2020 817-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb	ons (GRO)	<49.8	996	879	88	848	85	70-135	4	35	mg/kg	10.10.2020 02:05	
Diesel Range Organics	(DRO)	<49.8	996	991	99	982	98	70-135	1	35	mg/kg	10.10.2020 02:05	
Surrogate					1S Rec	MS Flag	MSD %Ree			mits	Units	Analysis Date	
1-Chlorooctane				1	23		106		70	-135	%	10.10.2020 02:05	
o-Terphenyl				1	01		98		70	-135	%	10.10.2020 02:05	

Analytical Method:	·	lB			a			P	rep Meth		5035A	
Seq Number:	3139520		1	Matrix:	Solid				Date Pr	ep: 10.1	2.2020	
MB Sample Id:	7713099-1-BLK		LCS San	nple Id:	7713099-	I-BKS		LCS	D Sample	e Id: 771	3099-1-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	0.0997	100	0.107	107	70-130	7	35	mg/kg	10.12.2020 15:06	
Toluene	< 0.00200	0.100	0.0966	97	0.103	103	70-130	6	35	mg/kg	10.12.2020 15:06	
Ethylbenzene	< 0.00200	0.100	0.0894	89	0.0953	95	71-129	6	35	mg/kg	10.12.2020 15:06	
m,p-Xylenes	< 0.00400	0.200	0.181	91	0.193	97	70-135	6	35	mg/kg	10.12.2020 15:06	
o-Xylene	< 0.00200	0.100	0.0890	89	0.0947	95	71-133	6	35	mg/kg	10.12.2020 15:06	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSE %Rec			imits	Units	Analysis Date	
1,4-Difluorobenzene	98		9	96		97		70	-130	%	10.12.2020 15:06	
4-Bromofluorobenzene	84		8	37		83		70	-130	%	10.12.2020 15:06	

Analytical Method: Seq Number: Parent Sample Id:	BTEX by EPA 8021 3139520 674823-001	lB		Matrix: nple Id:	Soil 674823-00)1 S			rep Methe Date Pr D Sample	ep: 10.1	5035A 2.2020 823-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.0998	0.112	112	0.101	101	70-130	10	35	mg/kg	10.12.2020 15:51	
Toluene	< 0.00200	0.0998	0.110	110	0.0975	98	70-130	12	35	mg/kg	10.12.2020 15:51	
Ethylbenzene	< 0.00200	0.0998	0.102	102	0.0902	91	71-129	12	35	mg/kg	10.12.2020 15:51	
m,p-Xylenes	< 0.00399	0.200	0.205	103	0.181	91	70-135	12	35	mg/kg	10.12.2020 15:51	
o-Xylene	< 0.00200	0.0998	0.102	102	0.0888	89	71-133	14	35	mg/kg	10.12.2020 15:51	
Surrogate				1S Rec	MS Flag	MSD %Ree			imits	Units	Analysis Date	
1,4-Difluorobenzene			ç	9 7		97		70	-130	%	10.12.2020 15:51	

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

4-Bromofluorobenzene

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

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

87

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

.

10.12.2020 15:51

Page 12 of 14

85

70-130

%

		Hobb	s.NM (575-392-75	50) Phoenix A7	Hobbs, NM (575-392-7550) Phoenix A7 (480-355-0000) Attents CA (770-440)	75-392-7550) Phoenix A7 (480-355 0900) Atlanta CA (776 446 000)	0	
Project Manager:	Dan Moir			Bill to: (if different)	Kyle I ittrall	ilia, 5A (770-449-8800) Tampa, FL (813-620-2000)	W	Page of
Company Name:	LT Environmental, Inc., Permian office	Inc., Permian o		Company Name			Work Order Comments	Comments
Address:	3300 North A Street	et		Address:		100 X	Program: UST/PST PRP Brownfields RRC	nfields RRC Duperfund
City, State ZIP:	Midland, TX 79705		0	City. State 7IP	Carlshad NM 99000	ien street] "	
Phone:	(432) 236-3849		Email: sl	o@ltenv.com c	Email: slo@Itenv.com dmoir@Itenv.com kkenned.@Itenv	blennod with the second	_evel III	IUST RRP Jevel IV
Project Name:	Perla	Perla Verde 4	Turn	Turn Around			Deriverables, EDD ADAPT	Other:
Project Number:	012	012920121	Routine			ANALYSIS REQUEST		Work Order Notes
P.O. Number:			Rush:					
Sampler's Name:	Sper	Spencer Lo	Due Date					
SAMPLE RECEIPT	Ter			11				
Temperature (°C):	22	Col Col	hermometer ID	in res no				
Received Intact:	Yee No	1-1	NNA	tain	!1)	5.0)		
Cooler Custody Seals:	Yes No	N/A Corre	Correction Factor -	Con	5) =802			
Sample Custody Seals:	Yes No			P of (A 80 ⁴ PA 0			TAT starts the day recevied by the
Sample Identification	ification Matrix	rix Date Sampled	Time Sampled	Depth	TPH (E STEX (I Chlorid			Sample Commonte
SW05A	AS	10/8/2020	1635	1 1	×			
SW05B	s	10/8/2020	1645	2' 1				
					2	2		
					R			
				0				
				-				
PM								
4:38. Circle Method(s) a	Circle Method(s) and Metal(s) to be analyzed	analyzed TCLI	CRA 13PPM Texas 11 AI TCLP / SPLP 6010: 8RCRA	Texas 11 Al 010: 8RCRA	Sb As Ba Be Sb As Ba Be	Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	g SiC	1631 / 245 1 / 2470 / 7474 - 44
nco.	of \$75.00 will be applied	t of samples constitut oples and shall not as to each project and a	tes a valid purchasi ssume any responsi t charge of \$5 for ea	e order from client ibility for any losse ach sample submit	company to Xenco, it es or expenses incurre tted to Xenco, but not	rvice. Xenco will be liable only for the cost of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions inco. 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 neorotated	-	
Reli	Signature)	Received by:	: (Signature)	-	Date/Time	Relinguished by: /Signatu		
	to C	a the		10.	0481 06.9.01	2	Ire) Received by: (Signature)) Date/Time
		Ma Charles		-				

. Released to Imaging: 2/15/2021 8:19:17 AM

Final 1.000

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature F	Range: 0 - 6 degC
Date/ Time Received: 10.09.2020 01.40.00 PM	Air and Metal samples Acc	
Work Order #: 674820	Temperature Measuring de	evice used: T_NM_007
Sample Re	ceipt 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	Samples received in bulk containers.
#13 Samples properly preserved?	Yes	
#14 Sample container(s) intact?	Yes	
#15 Sufficient sample amount for indicated test(s)?	Yes	
#16 All samples received within hold time?	Yes	
#17 Subcontract of sample(s)?	No	
#18 Water VOC samples have zero headspace?	N/A	

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

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 10.09.2020

Checklist reviewed by: Jessica Kramer

Date: 10.12.2020

eurofins Environment Testing Xenco

Project Id: 012920121

Certificate of Analysis Summary 674819

LT Environmental, Inc., Arvada, CO

Project Name: Perla Verde 4

110jett Iu. 012/20121								Date					
Contact: Dan Moir									-		14.2020 1		
Project Location:								Р	roject M	anager: Jes	sica Kram	er	
	Lab Id:	674819-0	001	674819-0	002	674819-0	003	674819-	004	674819-0	005	674819-0	06
Analysis Requested	Field Id:	SW01	l	SW02	2	SW03		SW04		SW05		SW06	
Analysis Kequestea	Depth:	0-2 ft		0-2 ft		0-2 ft		0-1 ft		0-2 ft		0-2 ft	
	Matrix:	SOIL	,	SOIL		SOIL		SOIL	,	SOIL	,	SOIL	
	Sampled:	10.08.2020	15:35	10.08.2020	15:45	10.08.2020	15:55	10.08.2020	16:05	10.08.2020	16:15	10.08.2020	16:25
BTEX by EPA 8021B	Extracted:	10.09.2020	18:41	10.09.2020	18:41	10.09.2020	18:41	10.09.2020	18:41	10.09.2020	18:41	10.09.2020	18:41
	Analyzed:	10.10.2020	01:44	10.10.2020	02:06	10.10.2020	02:28	10.10.2020	02:51	10.10.2020	03:13	10.10.2020	03:36
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00201	0.00201	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199	< 0.00200	0.00200
Toluene		< 0.00201	0.00201	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	0.00433	0.00199	< 0.00200	0.00200
Ethylbenzene		< 0.00201	0.00201	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	0.133	0.00199	< 0.00200	0.00200
m,p-Xylenes		< 0.00402	0.00402	< 0.00401	0.00401	< 0.00400	0.00400	< 0.00399	0.00399	0.291	0.00398	< 0.00399	0.00399
o-Xylene		< 0.00201	0.00201	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	0.223	0.00199	< 0.00200	0.00200
Total Xylenes		< 0.00201	0.00201	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	0.514	0.00199	< 0.00200	0.00200
Total BTEX		< 0.00201	0.00201	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	0.651	0.00199	< 0.00200	0.00200
Chloride by EPA 300	Extracted:	10.09.2020	16:36	10.09.2020	16:36	10.09.2020	16:36	10.09.2020	16:36	10.09.2020	16:36	10.09.2020	16:36
	Analyzed:	10.09.2020	17:45	10.09.2020	17:51	10.09.2020	17:56	10.09.2020	18:02	10.09.2020	18:18	10.09.2020	18:24
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		71.7	10.1	12.6	10.0	105	10.0	154	10.1	155	9.96	200	9.94
TPH by SW8015 Mod	Extracted:	10.12.2020	12:00	10.12.2020	12:00	10.12.2020	12:00	10.09.2020	17:30	10.09.2020	17:30	10.09.2020	17:30
	Analyzed:	10.12.2020	17:48	10.12.2020	18:08	10.12.2020	16:48	10.10.2020	04:47	10.10.2020	06:30	10.10.2020	06:10
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.2	50.2	< 50.2	50.2	176	50.3	<50.1	50.1
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	<50.2	50.2	<50.2	50.2	3640	50.3	<50.1	50.1
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.2	50.2	<50.2	50.2	417	50.3	<50.1	50.1
Total GRO-DRO		<50.0	50.0	<49.9	49.9	<50.2	50.2	<50.2	50.2	3820	50.3	<50.1	50.1
Total TPH		<50.0	50.0	<49.9	49.9	<50.2	50.2	<50.2	50.2	4230	50.3	<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: Fri 10.09.2020 13:40

Page 1 of 23

eurofins Environment Testing Xenco

Analytical Report 674819

for

LT Environmental, Inc.

Project Manager: Dan Moir

Perla Verde 4

012920121

10.14.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

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

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

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

Page 175 of 209

10.14.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 674819 Perla Verde 4 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) 674819. 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. 674819 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 3 of 23



Sample Cross Reference 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SW01	S	10.08.2020 15:35	0 - 2 ft	674819-001
SW02	S	10.08.2020 15:45	0 - 2 ft	674819-002
SW03	S	10.08.2020 15:55	0 - 2 ft	674819-003
SW04	S	10.08.2020 16:05	0 - 1 ft	674819-004
SW05	S	10.08.2020 16:15	0 - 2 ft	674819-005
SW06	S	10.08.2020 16:25	0 - 2 ft	674819-006

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Perla Verde 4

 Project ID:
 012920121

 Work Order Number(s):
 674819

 Report Date:
 10.14.2020

 Date Received:
 10.09.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW01Lab Sample Id:674819-001		Matrix: Date Col	Soil llected: 10.08.	.2020 15:35		Date Received:10.0 Sample Depth: 0 - 2		.40
Analytical Method: Chloride by EP	PA 300					Prep Method: E300	OP	
Tech: MAB								
Analyst: MAB		Date Pre	p: 10.09.	.2020 16:36		% Moisture: Basis: Wet	XX7 * 1 /	
Seq Number: 3139363			•			basis: wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	71.7	10.1		mg/kg	10.09.2020 17:45		1
Analytical Method: TPH by SW80 Tech: DTH	15 Mod					Prep Method: SW8	3015P	
•	15 Mod	Date Pre	p: 10.12.	.2020 12:00		% Moisture:	3015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Prej Result	p: 10.12. RL	.2020 12:00	Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter			1	.2020 12:00	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL	.2020 12:00		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3139524	Cas Number PHC610	Result	RL 50.0	.2020 12:00	mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 17:48	Weight Flag U	1
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	.2020 12:00	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 17:48 10.12.2020 17:48	Weight Flag U U	1 1
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.0 <50.0 <50.0	RL 50.0 50.0 50.0	.2020 12:00	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 17:48 10.12.2020 17:48 10.12.2020 17:48	Weight Flag U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0 50.0	.2020 12:00 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 17:48 10.12.2020 17:48 10.12.2020 17:48 10.12.2020 17:48 10.12.2020 17:48	Weight Flag U U U U U	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Fotal TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0 50.0 50.0		mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Maalysis Date 10.12.2020 17:48 10.12.2020 17:48 10.12.2020 17:48 10.12.2020 17:48 10.12.2020 17:48 10.12.2020 17:48 10.12.2020 17:48	Weight Flag U U U U U U Flag	1 1 1 1

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample Id	SW01 d: 674819-001	Matrix: Date Collected	Soil 1: 10.08.2020 15:35	Date Received Sample Depth	l:10.09.2020 13:40 : 0 - 2 ft
Analytical Me	thod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB				
Analyst:	MAB	Date Prep:	10.09.2020 18:41	% Moisture: Basis:	Wet Weight
Seq Number:	3139372			Dasis.	wet weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	10.10.2020 01:44	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	10.10.2020 01:44	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	10.10.2020 01:44	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	10.10.2020 01:44	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	10.10.2020 01:44	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	10.10.2020 01:44	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	10.10.2020 01:44	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	122	%	70-130	10.10.2020 01:44		
1,4-Difluorobenzene		540-36-3	89	%	70-130	10.10.2020 01:44		

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW02Lab Sample Id:674819-002		Matrix: Date Col	Soil llected: 10.08	.2020 15:45		Date Received:10.09 Sample Depth: 0 - 2		40
Analytical Method: Chloride by EF	PA 300					Prep Method: E300)P	
Tech: MAB								
Analyst: MAB		Date Pre	p: 10.09	.2020 16:36		% Moisture: Basis: Wet	X 7 • 1 /	
Seq Number: 3139363			-			basis. wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12.6	10.0		mg/kg	10.09.2020 17:51		1
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	8015P	
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH Seq Number: 3139524	15 Mod	Date Pre	ep: 10.12	.2020 12:00		% Moisture:	3015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Pre Result	p: 10.12 RL	.2020 12:00		% Moisture:		Dil
Tech:DTHAnalyst:DTHSeq Number:3139524				.2020 12:00		% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter	Cas Number	Result	RL	.2020 12:00	Units	% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <49.9	RL 49.9	.2020 12:00	Units mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 18:08	Weight Flag U	1
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <49.9 <49.9	RL 49.9 49.9	.2020 12:00	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 18:08 10.12.2020 18:08	Weight Flag U U	1
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9	.2020 12:00	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 18:08 10.12.2020 18:08 10.12.2020 18:08	Weight Flag U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9 49.9 49.9	.2020 12:00 Units	Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 18:08 10.12.2020 18:08 10.12.2020 18:08 10.12.2020 18:08 10.12.2020 18:08	Weight Flag U U U U U	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9 49.9 49.9 49.9		Units mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 18:08 10.12.2020 18:08 10.12.2020 18:08 10.12.2020 18:08 10.12.2020 18:08 10.12.2020 18:08 10.12.2020 18:08	Weight Flag U U U U U U	1 1 1 1
Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample I	SW02 d: 674819-002	Matrix: Date Collected	Soil 1: 10.08.2020 15:45	Date Received Sample Depth	l:10.09.2020 13:40 : 0 - 2 ft
•	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB			0/ 34 .	
Analyst:	MAB	Date Prep:	10.09.2020 18:41	% Moisture: Basis:	Wet Weight
Seq Number:	3139372			Dasis.	wet weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.10.2020 02:06	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.10.2020 02:06	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.10.2020 02:06	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	10.10.2020 02:06	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.10.2020 02:06	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.10.2020 02:06	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.10.2020 02:06	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	119	%	70-130	10.10.2020 02:06		
1,4-Difluorobenzene		540-36-3	108	%	70-130	10.10.2020 02:06		

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW03Lab Sample Id:674819-003		Matrix: Date Co	Soil ollected: 10.08	.2020 15:55		Date Received:10.0 Sample Depth: 0 - 2		:40
Analytical Method: Chloride by EF	PA 300					Prep Method: E300	0P	
Tech: MAB								
Analyst: MAB		Date Pre	ep: 10.09	.2020 16:36		% Moisture:	*** * 1 /	
Seq Number: 3139363						Basis: Wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	105	10.0		mg/kg	10.09.2020 17:56		1
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	3015P	
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH Seq Number: 3139524	15 Mod	Date Pro	ep: 10.12	.2020 12:00		% Moisture:	8015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Pre Result	ep: 10.12 RL	.2020 12:00	Units	% Moisture:		Dil
Tech:DTHAnalyst:DTHSeq Number:3139524Parameter				.2020 12:00	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil 1
Tech:DTHAnalyst:DTHSeq Number:3139524	Cas Number	Result	RL	.2020 12:00		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result	RL 50.2	.2020 12:00	mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 16:48	Weight Flag U	1
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.2 <50.2	RL 50.2 50.2	.2020 12:00	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 16:48 10.12.2020 16:48	Weight Flag U U	1 1
Tech:DTHAnalyst:DTHSeq Number:3139524ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2	.2020 12:00	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 16:48 10.12.2020 16:48 10.12.2020 16:48	Weight Flag U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139524 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2 50.2 50.2	.2020 12:00 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 16:48 10.12.2020 16:48 10.12.2020 16:48 10.12.2020 16:48 10.12.2020 16:48	Weight Flag U U U U U	1 1 1 1
Tech:DTHAnalyst:DTHSeq Number:3139524ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)Total GRO-DROTotal TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2 50.2 50.2 50.2 50.2		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.12.2020 16:48 10.12.2020 16:48 10.12.2020 16:48 10.12.2020 16:48 10.12.2020 16:48 10.12.2020 16:48 10.12.2020 16:48	Weight Flag U U U U U U Flag	1 1 1 1

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW03Lab Sample Id:674819-003	Matrix: Soil Date Collected: 10.08.20	Date Received:10.09.2020 13:40 2020 15:55 Sample Depth: 0 - 2 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139372	Date Prep: 10.09.20	Prep Method: SW5035A % Moisture: Basis: Wet Weight

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.10.2020 02:28	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.10.2020 02:28	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.10.2020 02:28	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	10.10.2020 02:28	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.10.2020 02:28	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.10.2020 02:28	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.10.2020 02:28	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	105	%	70-130	10.10.2020 02:28		
4-Bromofluorobenzene		460-00-4	123	%	70-130	10.10.2020 02:28		

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW04Lab Sample Id:674819-004		Matrix: Date Co	Soil llected: 10.08	.2020 16:05		Date Received:10.09 Sample Depth: 0 - 1		.40
Analytical Method: Chloride by EP	PA 300					Prep Method: E300)P	
Tech: MAB								
Analyst: MAB		Date Pre	ep: 10.09	.2020 16:36		% Moisture:	X 7 • 1 /	
Seq Number: 3139363						Basis: Wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	154	10.1		mg/kg	10.09.2020 18:02		1
Analytical Method: TPH by SW80. Tech: DTH	15 Mod					Prep Method: SW8	3015P	
	15 Mod	Date Pre	ep: 10.09	.2020 17:30		% Moisture:	3015P Weight	
Tech: DTH Analyst: DTH Seq Number: 3139371	15 Mod Cas Number	Date Pre Result	ep: 10.09 RL	.2020 17:30	Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter			1	.2020 17:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL	.2020 17:30		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH	Cas Number PHC610	Result	RL 50.2	.2020 17:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 04:47	Weight Flag U	1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Fotal GRO-DRO	Cas Number PHC610 C10C28DRO	Result <50.2 <50.2	RL 50.2 50.2	.2020 17:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 04:47 10.10.2020 04:47	Weight Flag U U	1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2	.2020 17:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 04:47 10.10.2020 04:47 10.10.2020 04:47	Weight Flag U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Cotal GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2 50.2 50.2	.2020 17:30 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 04:47 10.10.2020 04:47 10.10.2020 04:47 10.10.2020 04:47 10.10.2020 04:47	Weight Flag U U U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Fotal TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2 50.2 50.2 50.2 50.2		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 04:47 10.10.2020 04:47 10.10.2020 04:47 10.10.2020 04:47 10.10.2020 04:47 10.10.2020 04:47 3.0.10.2020 04:47	Weight Flag U U U U U U	1 1 1

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: SW		Matrix:	Soil	Date Received	:10.09.2020 13:40
Lab Sample Id: 674		Date Collected	: 10.08.2020 16:05	Sample Depth:	:0 - 1 ft
Analytical Method: Tech: MAI Analyst: MAI Seq Number: 3139	3	Date Prep:	10.09.2020 18:41	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.10.2020 02:51	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.10.2020 02:51	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.10.2020 02:51	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	10.10.2020 02:51	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.10.2020 02:51	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.10.2020 02:51	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.10.2020 02:51	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	106	%	70-130	10.10.2020 02:51		
4-Bromofluorobenzene		460-00-4	115	%	70-130	10.10.2020 02:51		

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW05Lab Sample Id:674819-005		Matrix: Date Co	Soil llected: 10.08	.2020 16:15		Date Received:10.09 Sample Depth: 0 - 2		40
Analytical Method: Chloride by EPA	A 300					Prep Method: E300)P	
Tech: MAB								
Analyst: MAB		Date Pre	ep: 10.09	.2020 16:36		% Moisture:		
Seq Number: 3139363						Basis: Wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	155	9.96		mg/kg	10.09.2020 18:18		1
Analytical Method: TPH by SW8015	5 Mod					Prep Method: SW8	8015P	
Analytical Method: TPH by SW8015 Tech: DTH Analyst: DTH Seq Number: 3139371	5 Mod	Date Pre	ep: 10.09	.2020 17:30		% Moisture:	3015P Weight	
Tech: DTH Analyst: DTH	5 Mod Cas Number		ep: 10.09 RL	.2020 17:30	Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter			F.	.2020 17:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech:DTHAnalyst:DTHSeq Number:3139371	Cas Number	Result	RL	.2020 17:30		% Moisture: Basis: Wet Analysis Date	Weight	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result 176	RL 50.3	.2020 17:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:30	Weight	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result 176 3640	RL 50.3 50.3	.2020 17:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:30 10.10.2020 06:30	Weight	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result 176 3640 417	RL 50.3 50.3 50.3	.2020 17:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:30 10.10.2020 06:30 10.10.2020 06:30	Weight	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result 176 3640 417 3820 4230	RL 50.3 50.3 50.3 50.3 50.3	.2020 17:30 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:30 10.10.2020 06:30 10.10.2020 06:30 10.10.2020 06:30 10.10.2020 06:30	Weight	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result 176 3640 417 3820 4230	RL 50.3 50.3 50.3 50.3 50.3 50.3		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:30 10.10.2020 06:30 10.10.2020 06:30 10.10.2020 06:30 10.10.2020 06:30 10.10.2020 06:30 30 10.10.2020 06:30	Weight Flag	1 1 1 1

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: Lab Sample I	SW05 d: 674819-005	Matrix: Date Collected	Soil d: 10.08.2020 16:15	Date Received Sample Depth	l:10.09.2020 13:40 : 0 - 2 ft
5	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB			% Moisture:	
Analyst:	MAB	Date Prep:	10.09.2020 18:41	Basis:	Wet Weight
Seq Number:	3139372			Dusis.	wet weight

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	10.10.2020 03:13	U	1
Toluene	108-88-3	0.00433	0.00199		mg/kg	10.10.2020 03:13		1
Ethylbenzene	100-41-4	0.133	0.00199		mg/kg	10.10.2020 03:13		1
m,p-Xylenes	179601-23-1	0.291	0.00398		mg/kg	10.10.2020 03:13		1
o-Xylene	95-47-6	0.223	0.00199		mg/kg	10.10.2020 03:13		1
Total Xylenes	1330-20-7	0.514	0.00199		mg/kg	10.10.2020 03:13		1
Total BTEX		0.651	0.00199		mg/kg	10.10.2020 03:13		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	127	%	70-130	10.10.2020 03:13		
1,4-Difluorobenzene		540-36-3	100	%	70-130	10.10.2020 03:13		

eurofins Environment Testing Xenco

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW06Lab Sample Id:674819-006		Matrix: Date Col	Soil lected: 10.08.	.2020 16:25		Date Received:10.09 Sample Depth: 0 - 2		40
Analytical Method: Chloride by EF	PA 300					Prep Method: E300)P	
Tech: MAB								
Analyst: MAB		Date Prep	p: 10.09.	.2020 16:36		% Moisture: Basis: Wet	W 7 * 17	
Seq Number: 3139363						basis: wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	200	9.94		mg/kg	10.09.2020 18:24		1
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	015P	
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH Seq Number: 3139371	15 Mod	Date Prep	p: 10.09.	.2020 17:30		% Moisture:	015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Prep Result	p: 10.09. RL	.2020 17:30	Units	% Moisture:		Dil
Tech:DTHAnalyst:DTHSeq Number:3139371				.2020 17:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter	Cas Number	Result	RL	.2020 17:30		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result	RL 50.1	.2020 17:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:10	Weight Flag U	1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.1 <50.1	RL 50.1 50.1	.2020 17:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:10 10.10.2020 06:10	Weight Flag U U	1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.1 <50.1 <50.1	RL 50.1 50.1 50.1	.2020 17:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:10 10.10.2020 06:10 10.10.2020 06:10	Weight Flag U U U	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1 <50.1 <50.1 <50.1 <50.1 <50.1 <50.1	RL 50.1 50.1 50.1 50.1	.2020 17:30 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:10 10.10.2020 06:10 10.10.2020 06:10 10.10.2020 06:10 10.10.2020 06:10	Weight Flag U U U U U	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1 <50.1 <50.1 <50.1 <50.1 <50.1 <50.1	RL 50.1 50.1 50.1 50.1 50.1		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 06:10 10.10.2020 06:10 10.10.2020 06:10 10.10.2020 06:10 10.10.2020 06:10 10.10.2020 06:10 3.0.10.2020 06:10	Weight Flag U U U U U U U	1 1 1 1

Certificate of Analytical Results 674819

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SW06Lab Sample Id:674819-006	Matrix:	Soil	Date Received	d:10.09.2020 13:40
	Date Collecte	ed: 10.08.2020 16:25	Sample Depth	1: 0 - 2 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139372	Date Prep:	10.09.2020 18:41	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.10.2020 03:36	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.10.2020 03:36	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.10.2020 03:36	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	10.10.2020 03:36	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.10.2020 03:36	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.10.2020 03:36	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.10.2020 03:36	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	124	%	70-130	10.10.2020 03:36		
1,4-Difluorobenzene		540-36-3	96	%	70-130	10.10.2020 03:36		

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 Quantitatio	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	ratory Control Sample Duplicate
MD/SD Method Duplicate/Sampl	e Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered f	for this compound.			

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

Xenco

Environment Testing

🔅 eurofins

QC Summary 674819

LT Environmental, Inc.

Perla Verde 4

						Perla Vei	rde 4						
Analytical Method: Seq Number:	3139363	•)0		Matrix:					rep Meth Date Pr	rep: 10.0	09.2020	
MB Sample Id:	7713002-1		6 9		-	7713002-		T		-		3002-1-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	262	105	264	106	90-110	1	20	mg/kg	10.09.2020 17:12	
Analytical Method: Seq Number:	3139363	-)0		Matrix:					rep Meth Date Pr	rep: 10.0	09.2020	
Parent Sample Id:	674817-00	1		MS Sar	nple Id:	674817-0	01 S		MS	D Sampl	e Id: 674	817-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		51.2	200	259	104	261	105	90-110	1	20	mg/kg	10.09.2020 17:29	
Analytical Method:		oy EPA 30)0						P	rep Meth			
Seq Number:	3139363	1			Matrix:	Soil 674822-0	01 S		MC	Date Pr	-)9.2020 822-001 SD	
Parent Sample Id:	674822-00	Parent	Spike	MS Sal	mpie iu. MS	074822-00 MSD	MSD	Limits	%RPD	RPD Sampi	Units	Analysis	
Parameter		Result	Amount	Result	%Rec	Result	%Rec	Linits	/ora D	Limit	Onto	Date	Flag
Chloride		5080	202	5290	104	5300	110	90-110	0	20	mg/kg	10.09.2020 18:46	
Analytical Method: Seq Number:	TPH by SV 3139371	W8015 M	od		Matrix:	Solid			P	rep Meth Date Pr		8015P 09.2020	
MB Sample Id:	7713057-1	-BLK		LCS Sar	nple Id:	7713057-	1-BKS		LCS	D Sampl	e Id: 771	3057-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb	ons (GRO)	<50.0	1000	845	85	863	86	70-135	2	35	mg/kg	10.10.2020 00:43	
Diesel Range Organics	(DRO)	<50.0	1000	972	97	1010	101	70-135	4	35	mg/kg	10.10.2020 00:43	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1-Chlorooctane o-Terphenyl		103 104			29 22		129 126			-135 -135	% %	10.10.2020 00:43 10.10.2020 00:43	
0-Terphenyr		104		1	22		120		70	-135	70	10.10.2020 00.15	
Analytical Method: Seq Number:	3139524		od		Matrix:	Solid 7713127-	1 DVS			rep Meth Date Pr	rep: 10.1	8015P 12.2020 3127-1-BSD	
MB Sample Id:	7713127-1	-BLK MB	Spike	LCS Sal				Limits	%RPD	RPD Sampi	Units	Analysis	
Parameter		Result	Amount	Result	LCS %Rec	LCSD Result	LCSD %Rec	Linnis	∕0RĽD	Limit	Units	Date	Flag
Gasoline Range Hydrocarb		<50.0	1000	974	97	975	98	70-135	0	35	mg/kg	10.12.2020 16:07	
Diesel Range Organics	(DRO)	<50.0	1000	1080	108	1080	108	70-135	0	35	mg/kg	10.12.2020 16:07	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1-Chlorooctane o-Terphenyl		129 129			21 08		119 109			-135 -135	% %	10.12.2020 16:07 10.12.2020 16:07	
5 respicinyi		127		1			109		70	1.55	/0		
MS/MSD Percent Recover Relative Percent Differenc LCS/LCSD Recovery Log Difference	R R	D] = 100 * (0)	(C-E) / (C+E)		(Original)	Sample)	A C	CS = Labora = Parent R = MS/LCS = MSD/LC	esult S Result	-	$\mathbf{B} = \mathbf{S}_{\mathbf{I}}$	Matrix Spike pike Added SD/LCSD % Rec	

. Released to Imaging: 2/15/2021 8:19:17 AM

Page 19 of 23

🔅 eurofins **Environment Testing** Xenco

QC Summary 674819

LT Environmental, Inc.

Perla Verde 4

Analytical Method:TPH by SW8015 ModSeq Number:3139371	Matrix: MB Sample Id:	Solid 7713057-1-BLK	Prep Method: Date Prep:		8015P 9.2020	
Parameter	MB Result		τ	U nits	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0		n	ng/kg	10.10.2020 01:24	
Analytical Method:TPH by SW8015 ModSeq Number:3139524	Matrix: MR Sample Id:	Solid 7713127-1-BLK	Prep Method: Date Prep:		3015P 2.2020	
Parameter	MB Sample Id: MB Result	//1312/-1-BLK	ı	U nits	Analysis Date	Flag

Motor Oil Range Hydrocarbons (MRO)

Analytical Method: TPH by SW8015 Mod

Result < 50.0

Flag Date 10.12.2020 15:47 mg/kg

Prep Method: SW8015P

Seq Number:	3139371]	Matrix:	Soil				Date Pr	ep: 10.0	9.2020	
Parent Sample Id:	674817-00	1		MS San	nple Id:	674817-00	01 S		MS	D Sample	e Id: 674	817-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocart	bons (GRO)	<49.8	996	879	88	848	85	70-135	4	35	mg/kg	10.10.2020 02:05	
Diesel Range Organics	(DRO)	<49.8	996	991	99	982	98	70-135	1	35	mg/kg	10.10.2020 02:05	
Surrogate					IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1-Chlorooctane				12	23		106		70	-135	%	10.10.2020 02:05	
o-Terphenyl				10	01		98		70	-135	%	10.10.2020 02:05	

Analytical Method: Seq Number: Parent Sample Id:	TPH by S 3139524 674819-00		od		Matrix: nple Id:	Soil 674819-00)3 S			ep Methe Date Pr D Sample	ep: 10.1	8015P 12.2020 819-003 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	1020	102	1010	100	70-135	1	35	mg/kg	10.12.2020 17:08	
Diesel Range Organics (DRO)	<49.9	998	1120	112	1150	114	70-135	3	35	mg/kg	10.12.2020 17:08	
Surrogate					IS Rec	MS Flag	MSD %Ree			mits	Units	Analysis Date	
1-Chlorooctane				12	22		120		70	-135	%	10.12.2020 17:08	
o-Terphenyl				10	06		108		70	-135	%	10.12.2020 17:08	

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

[D] = 100*(C-A) / B LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result

MS = Matrix Spike B = Spike AddedD = MSD/LCSD % Rec

.

Page 20 of 23

Xenco

Environment Testing

🔅 eurofins

QC Summary 674819

LT Environmental, Inc.

Perla Verde 4

Analytical Method: Seq Number: MB Sample Id:	BTEX by EPA 8021 3139372 7713005-1-BLK	B	I LCS Sam	Matrix: ple Id:		1-BKS			rep Methe Date Pr D Sample	ep: 10.0	5035A 09.2020 3005-1-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	0.101	101	0.0992	99	70-130	2	35	mg/kg	10.09.2020 22:54	
Toluene	< 0.00200	0.100	0.0928	93	0.0929	93	70-130	0	35	mg/kg	10.09.2020 22:54	
Ethylbenzene	< 0.00200	0.100	0.0942	94	0.0970	97	71-129	3	35	mg/kg	10.09.2020 22:54	
m,p-Xylenes	< 0.00400	0.200	0.193	97	0.198	99	70-135	3	35	mg/kg	10.09.2020 22:54	
o-Xylene	< 0.00200	0.100	0.0981	98	0.0980	98	71-133	0	35	mg/kg	10.09.2020 22:54	
Surrogate	MB %Rec	MB Flag	L0 %I	CS Rec	LCS Flag	LCSI %Ree			imits	Units	Analysis Date	
1,4-Difluorobenzene	103		10	00		102		70	-130	%	10.09.2020 22:54	
4-Bromofluorobenzene	114		10)7		110		70	-130	%	10.09.2020 22:54	

Analytical Method:	BTEX by EPA 8021	lB						P	rep Meth	od: SW	5035A	
Seq Number:	3139372]	Matrix:	Soil				Date Pr	ep: 10.0	9.2020	
Parent Sample Id:	674817-001		MS San	nple Id:	674817-00	01 S		MS	D Sample	e Id: 674	817-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.0998	0.105	105	0.111	111	70-130	6	35	mg/kg	10.09.2020 23:39	
Toluene	< 0.00200	0.0998	0.0976	98	0.103	103	70-130	5	35	mg/kg	10.09.2020 23:39	
Ethylbenzene	< 0.00200	0.0998	0.101	101	0.107	107	71-129	6	35	mg/kg	10.09.2020 23:39	
m,p-Xylenes	< 0.00399	0.200	0.205	103	0.216	108	70-135	5	35	mg/kg	10.09.2020 23:39	
o-Xylene	< 0.00200	0.0998	0.102	102	0.107	107	71-133	5	35	mg/kg	10.09.2020 23:39	
Surrogate				IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene			9	07		99		70	-130	%	10.09.2020 23:39	
4-Bromofluorobenzene			1	09		110		70	-130	%	10.09.2020 23:39	

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 21 of 23

Instruction Instruction Biolon A Street 3300 North A Street Midland, TX 79705 Email: (432) 236-3849 Email: (432) 236-3849 Email: (432) Perla Verde 4 Tu (432) 236-3849 Email: (432) Perla Verde 4 Tu (432) Spencer Lo Due D ECEIPT Temp Blank: Yes< No Wet loe: 'Seals: Yes N/A Correction Factor: 'Seals: Yes N/A Total Containers: 'Seals: Yes S 10/8/2020 1535 3W01 S 10/8/2020 1545 SW02 S 10/8/2020 1555 3W03 S 10/8/2020 1605 SW06 S 10/8/2020 1625	O Ni K Se Ag SiO2 Na Sr TI Sn U V Zn I U 1631/245.1/7470 / 7471 : Hg rs and conditions beyond the control y negotiated. Received by: (Signature) Date/Time	Pb Mg Mn Mo Ni K Se No Ni Se Ag Tl U usigns standard terms and conditio ue to circumstances beyond the condition reed unless previously negotiated. Received b	Cd Ca Cr Co Cu Fe Cd Ca Cr Co Cu Fe Cd Cr Co Cu Pb Mn N Cr Co Cu Pb Mn N Sy the client if such losses are d aby the client if such losses are d aby the client if such losses are d by the clie	s Ba Be B s Ba Be B senses incurred anco, but not an Time Time	Al Sb As Ba CRA Sb As Ba CRA Sb As Ba n client company to X n clie	CRA 13PPM Texas 11 Al TCLP / SPLP 6010: 8RCRA assume any responsibility for any loss d a charge of \$5 for each sample submit d	BRCRA 13PPM TCLP / SPLP all not assume any respo ect and a charge of \$5 for ect and a charge of \$5 for ect and a charge of \$5 for	BRCRA BRCRA nalyzed TCL of samples constitutes : of samples constitutes : nes and shall not assur of samples constitutes : neceived by: (1) Received by: (1)	otal 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed Signature of this document and relinquishment of samples and strice. Xenco will be liable only for the cost of samples and strice. A minimum charge of \$75.00 will be applied to each project to each project to each project to be analyzed elinquished by: (Signature) Rece We Contact We Contact	So10 20 ((s) and Me document and a liable only for harge of \$75.00 Y: (Signatur	by OCD: 10/22/2020 4:38:05 PM Total 200.7 / 6010 200.8 Circle Method(s) and Meta ervice. Xenco will be liable only for th Relinquished by: (Signature)
Fr. Lan Morr Bill to: (f different) Kyle Littrell Work Order C. a: LT Environmental, Inc., Permian office Company Name: XTO Energy Program: USTIPST Program: USTIPST	Sample Comments					Depth - 0-2' - 0-2' 0-2' 0-2' 0-2' 0-2'	Time Sampled 1535 1545 1555 1605 1615 1625	Date Sampled 10/8/2020 10/8/2020 10/8/2020 10/8/2020 10/8/2020 10/8/2020 10/8/2020 10/8/2020	S S S S S Matrix	9ntification /01 /02 /03 /04 /05	Sample Idd SW SW SW
Invariager: Daft Molr Bill to: (if different) Kyle Littrell Work Order Comments my Name: LT Environmental, Inc., Permian office Company Name: XTO Energy Program: UST/PST PRP Brownfields RC s: 3300 North A Street Address: 3104 East Green Street State of Project: ate ZIP: Midland, TX 79705 City, State ZIP: Carlsbad, NM 88220 Reporting:Level II _evel III ST/UST RP (432) 236-3849 Email: slo@ttenv.com, dmoir@ttenv.com, kkennedy@ttenv.com Deliverables: EDD ADaPT Other Name: Perla Verde 4 Turn Around ANALYSIS REQUEST ANALYSIS REQUEST Work Or	TAT starts the day received by the lab, if received by 4:30pm						Routir Rush: Due D Wet Ice: 'hermometer I 'hermometer I 'hermometer I Containers:	Lo Corre Tota	E DEC E	4	Project Number: P.O. Number: Sampler's Name: SAMPLE RECEIF Temperature (°C): Received Intact: Cooler Custody Seals: Sample Custody Seals:
Invanager: Daft Molr Work Work Order Comments my Name: LT Environmental, Inc., Permian office Company Name: XTO Energy Program: UST/PST PRP Brownfields RRC s: 3300 North A Street Address: 3104 East Green Street State of Project: State of Project: ate ZIP: Midland, TX 79705 City, State ZIP: Carlsbad, NM 88220 Reporting:Level II Level III ST/UST RRP (432) 236-3849 Email: slo@Itenv.com, dmoir@Itenv.com, kkennedv@Itenv.com Deliverables: DD ADaPT Other	Work Order Notes	-	ANALYSIS REQUES			'n Around	Tur	de 4	Perla Ver		Project Name:
Dan Wolf Wolf Work Order Comments LT Environmental, Inc., Permian office Company Name: XTO Energy Program: UST/PST Prownfields RRC 3300 North A Street Address: 3104 East Green Street State of Project:	ADaPT Other:	Reporting:Level II		sbad, NM 882 env.com, kke	: Carls	City, State ZIP slo@ltenv.com	Email:		TX 79705 6-3849	(432) 23	City, State ZIP: Phone:
LT Environmental, Inc., Permian office Company Name: XTO Energy Program: UST/PST PRP Brownfields RC			Street	East Green		Address:			rth A Street	3300 No	Address:
Uan Molf Bill to: (if different) Kyle Littrell	125			Energy	-	Company Nan			onmental, Inc.	LT Envir	Company Name:
	Comments			Littrell	t) Kyle	Bill to: (if different)			-	Dan Moir	⁻ roject Manager:

. Released to Imaging: 2/15/2021 8:19:17 AM

Final 1.000

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature R	ange: 0 - 6 degC
Date/ Time Received: 10.09.2020 01.40.00 PM	Air and Metal samples Acc	eptable Range: Ambient
Work Order #: 674819	Temperature Measuring de	evice used : T_NM_007
Sample Recei	pt 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	Samples received in bulk containers.
#13 Samples properly preserved?	Yes	
#14 Sample container(s) intact?	Yes	
#15 Sufficient sample amount for indicated test(s)?	Yes	
#16 All samples received within hold time?	Yes	
#17 Subcontract of sample(s)?	No	
#18 Water VOC samples have zero headspace?	N/A	

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

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 10.09.2020

Checklist reviewed by: Jessica Kramer

Date: 10.12.2020

Project Id:

Project Location:

Contact:

eurofins Environment Testing Xenco

012920121

Dan Moir

Certificate of Analysis Summary 674822

LT Environmental, Inc., Arvada, CO

Project Name: Perla Verde 4

 Date Received in Lab:
 Fri 10.09.2020 13:40

 Report Date:
 10.12.2020 11:54

Project Manager: Jessica Kramer

	Lab Id:	674822-001			
Analysis Requested	Field Id:	SS04			
Anuiysis Nequesieu	Depth:	0.5- ft			
	Matrix:	SOIL			
	Sampled:	10.08.2020 15:25			
BTEX by EPA 8021B	Extracted:	10.09.2020 18:41			
	Analyzed:	10.10.2020 06:03			
	Units/RL:	mg/kg RL			
Benzene		<0.00200 0.00200			
Toluene		0.00448 0.00200			
Ethylbenzene		0.0210 0.00200			
m,p-Xylenes		0.0149 0.00400			
o-Xylene		0.0403 0.00200			
Total Xylenes		0.0552 0.00200			
Total BTEX		0.0807 0.00200			
Chloride by EPA 300	Extracted:	10.09.2020 16:36			
	Analyzed:	10.09.2020 18:40			
	Units/RL:	mg/kg RL			
Chloride		5080 49.7			
TPH by SW8015 Mod	Extracted:	10.09.2020 17:30			
	Analyzed:	10.10.2020 07:11			
	Units/RL:	mg/kg RL			
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9			
Diesel Range Organics (DRO)		3330 49.9			
Motor Oil Range Hydrocarbons (MRO)		378 49.9			
Total GRO-DRO		3330 49.9			
Total TPH		3710 49.9			

BRL - Below Reporting Limit

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

Jession Vramer

Page 1 of 12

eurofins Environment Testing Xenco

Analytical Report 674822

for

LT Environmental, Inc.

Project Manager: Dan Moir

Perla Verde 4

012920121

10.12.2020

Collected By: Client

1089 N Canal Street Carlsbad, NM 88220

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

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

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



10.12.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 674822 Perla Verde 4 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) 674822. 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. 674822 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 3 of 12

Environment Testing Xenco

Sample Cross Reference 674822

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS04	S	10.08.2020 15:25	0.5 ft	674822-001

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Perla Verde 4

 Project ID:
 012920121

 Work Order Number(s):
 674822

 Report Date:
 10.12.2020

 Date Received:
 10.09.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analytical Results 674822

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id:SS04Lab Sample Id:674822-001		Matrix: Date Co	Soil ollected: 10.08	.2020 15:25		Date Received: 10.09 Sample Depth: 0.5 f		40
Analytical Method: Chloride by EF	PA 300					Prep Method: E300	OP	
Tech: MAB								
Analyst: MAB		Date Pr	ep: 10.09	.2020 16:36		% Moisture:	XX7 · 1 /	
Seq Number: 3139363						Basis: Wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	5080	49.7		mg/kg	10.09.2020 18:40		5
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	3015P	
Analytical Method:TPH by SW80Tech:DTHAnalyst:DTHSeq Number:3139371	15 Mod	Date Pro	ep: 10.09	.2020 17:30		% Moisture:	8015P Weight	
Tech: DTH Analyst: DTH	15 Mod Cas Number	Date Pro Result	ep: 10.09 RL	.2020 17:30	Units	% Moisture:		Dil
Tech: DTH Analyst: DTH Seq Number: 3139371				.2020 17:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter	Cas Number	Result	RL	.2020 17:30		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <49.9	RL 49.9	.2020 17:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 07:11	Weight Flag	1
Tech:DTHAnalyst:DTHSeq Number:3139371ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <49.9 3330	RL 49.9 49.9	.2020 17:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 07:11 10.10.2020 07:11	Weight Flag	1 1
Tech:DTHAnalyst:DTHSeq Number:3139371ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <49.9 3330 378	RL 49.9 49.9 49.9	.2020 17:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 07:11 10.10.2020 07:11 10.10.2020 07:11	Weight Flag	1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <49.9 3330 378 3330 3710	RL 49.9 49.9 49.9 49.9 49.9	.2020 17:30 Units	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 07:11 10.10.2020 07:11 10.10.2020 07:11 10.10.2020 07:11 10.10.2020 07:11	Weight Flag	1 1 1 1
Tech: DTH Analyst: DTH Seq Number: 3139371 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <49.9 3330 378 3330 3710	RL 49.9 49.9 49.9 49.9 49.9 49.9		mg/kg mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.10.2020 07:11 10.10.2020 07:11 10.10.2020 07:11 10.10.2020 07:11 10.10.2020 07:11 10.10.2020 07:11 10.10.2020 07:11	Weight Flag U	1 1 1 1

Certificate of Analytical Results 674822

LT Environmental, Inc., Arvada, CO

Perla Verde 4

Sample Id: SS04	Matrix:	Soil	Date Received	d:10.09.2020 13:40
Lab Sample Id: 674822-001	Date Collected	l: 10.08.2020 15:25	Sample Depth	:: 0.5 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139372	Date Prep:	10.09.2020 18:41	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.10.2020 06:03	U	1
Toluene	108-88-3	0.00448	0.00200		mg/kg	10.10.2020 06:03		1
Ethylbenzene	100-41-4	0.0210	0.00200		mg/kg	10.10.2020 06:03		1
m,p-Xylenes	179601-23-1	0.0149	0.00400		mg/kg	10.10.2020 06:03		1
o-Xylene	95-47-6	0.0403	0.00200		mg/kg	10.10.2020 06:03		1
Total Xylenes	1330-20-7	0.0552	0.00200		mg/kg	10.10.2020 06:03		1
Total BTEX		0.0807	0.00200		mg/kg	10.10.2020 06:03		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	98	%	70-130	10.10.2020 06:03		
4-Bromofluorobenzene		460-00-4	99	%	70-130	10.10.2020 06:03		

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 Quantitatio	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	ratory Control Sample Duplicate
MD/SD Method Duplicate/Sampl	e Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered f	for this compound.			

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

Xenco

Environment Testing

🔅 eurofins

QC Summary 674822

LT Environmental, Inc.

Perla Verde 4

Analytical Method: Seq Number: MB Sample Id:	Chloride by 3139363 7713002-1-1)0		Matrix: nple Id:	Solid 7713002-	1-BKS			rep Meth Date Pr D Sample	rep: 10.0	0P 09.2020 3002-1-BSD	
Parameter		MB Result	Spike	LCS Result	LCS %Rec	LCSD		Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		<10.0	Amount 250	262	% кес 105	Result 264	%Rec 106	90-110	1	20	mg/kg	10.09.2020 17:12	
Analytical Method: Seq Number:	Chloride by 3139363	y EPA 30)0		Matrix:	Soil			P	rep Meth Date Pr		0P 19.2020	
Parent Sample Id:	674817-001					674817-0	01 S		MS		-	817-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		51.2	200	259	104	261	105	90-110	1	20	mg/kg	10.09.2020 17:29	
									n		1 E20	0D	
Analytical Method: Seq Number:	3139363	y EPA 30	<i>J</i> 0		Matrix:	Soil			P	rep Meth Date Pr		0F 19.2020	
Parent Sample Id:	674822-001			MS Sar	nple Id:	674822-0	01 S		MS		-	822-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		5080	202	5290	104	5300	110	90-110	0	20	mg/kg	10.09.2020 18:46	
Analytical Method: Seq Number:	TPH by SV 3139371	V8015 M	od		Matrix:	Solid			P	rep Meth Date Pr		8015P 19.2020	
MB Sample Id:	7713057-1-1	BLK		LCS Sar	nple Id:	7713057-	1-BKS		LCS	D Sample	e Id: 771	3057-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb Diesel Range Organics		<50.0 <50.0	1000 1000	845 972	85 97	863 1010	86 101	70-135 70-135	2 4	35 35	mg/kg mg/kg	10.10.2020 00:43 10.10.2020 00:43	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re	-		imits	Units	Analysis Date	
1-Chlorooctane		103			29		129			-135	%	10.10.2020 00:43	
o-Terphenyl		104		1	22		126)	70	-135	%	10.10.2020 00:43	
Analytical Method:	TPH by SV	V8015 M	od						P	rep Meth	od: SW	8015P	
Seq Number:	3139371				Matrix: nple Id:	Solid 7713057-	1-BLK			Date Pr	rep: 10.0	9.2020	
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocar	bons (MRO)			<50.0							mg/kg	10.10.2020 01:24	

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

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

.

Page 9 of 12

Xenco

Environment Testing

🔅 eurofins

QC Summary 674822

LT Environmental, Inc.

Perla Verde 4

Analytical Method:	TPH by SW	V8015 M	od						Pi	rep Metho	od: SW3	3015P	
Seq Number:	3139371			1	Matrix:	Soil				Date Pr	ep: 10.0	9.2020	
Parent Sample Id:	674817-001			MS San	nple Id:	674817-00	01 S		MS	D Sample	e Id: 674	817-001 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)	<49.8	996	879	88	848	85	70-135	4	35	mg/kg	10.10.2020 02:05	
Diesel Range Organics (DRO)	<49.8	996	991	99	982	98	70-135	1	35	mg/kg	10.10.2020 02:05	
Surrogate					IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1-Chlorooctane				12	23		106		70	-135	%	10.10.2020 02:05	
o-Terphenyl				10	01		98		70	-135	%	10.10.2020 02:05	

Analytical Method:	BTEX by EPA 8021	B						P	rep Metho	od: SW	5035A	
Seq Number:	3139372]	Matrix:	Solid				Date Pr	ep: 10.0	9.2020	
MB Sample Id:	7713005-1-BLK		LCS San	nple Id:	7713005-1	I-BKS		LCS	D Sample	e Id: 771	3005-1-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	0.101	101	0.0992	99	70-130	2	35	mg/kg	10.09.2020 22:54	
Toluene	< 0.00200	0.100	0.0928	93	0.0929	93	70-130	0	35	mg/kg	10.09.2020 22:54	
Ethylbenzene	< 0.00200	0.100	0.0942	94	0.0970	97	71-129	3	35	mg/kg	10.09.2020 22:54	
m,p-Xylenes	< 0.00400	0.200	0.193	97	0.198	99	70-135	3	35	mg/kg	10.09.2020 22:54	
o-Xylene	< 0.00200	0.100	0.0981	98	0.0980	98	71-133	0	35	mg/kg	10.09.2020 22:54	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSD %Rec			imits	Units	Analysis Date	
1,4-Difluorobenzene	103		1	00		102		70	-130	%	10.09.2020 22:54	
4-Bromofluorobenzene	114		1	07		110		70	-130	%	10.09.2020 22:54	

Analytical Method: Seq Number: Parent Sample Id:	BTEX by EPA 8021 3139372 674817-001	B		Matrix: nple Id:	Soil 674817-00)1 S			rep Methe Date Pr D Sample	ep: 10.0	5035A 09.2020 817-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.0998	0.105	105	0.111	111	70-130	6	35	mg/kg	10.09.2020 23:39	
Toluene	< 0.00200	0.0998	0.0976	98	0.103	103	70-130	5	35	mg/kg	10.09.2020 23:39	
Ethylbenzene	< 0.00200	0.0998	0.101	101	0.107	107	71-129	6	35	mg/kg	10.09.2020 23:39	
m,p-Xylenes	< 0.00399	0.200	0.205	103	0.216	108	70-135	5	35	mg/kg	10.09.2020 23:39	
o-Xylene	< 0.00200	0.0998	0.102	102	0.107	107	71-133	5	35	mg/kg	10.09.2020 23:39	
Surrogate				1S Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
4 4 5 2 4 1				-				-	100	A (10.00.2020.22.20	

Surrogate %Rec Flag %Rec Flag	Linits		Date
1,4-Difluorobenzene 97 99	70-130	%	10.09.2020 23:39
4-Bromofluorobenzene 109 110	70-130	%	10.09.2020 23:39

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 10 of 12

Content Name IT Environmental, Inc, Permian office Content Name Co
--

. Released to Imaging: 2/15/2021 8:19:17 AM

Final 1.000

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature Range: 0 - 6 degC						
Date/ Time Received: 10.09.2020 01.40.00 PM	Air and Metal samples Acceptable Range: Ambient						
Work Order #: 674822	Temperature Measuring de	evice used : T_NM_007					
Sample Recei	ot 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	Samples received in bulk containers.					
#13 Samples properly preserved?	Yes						
#14 Sample container(s) intact?	Yes						
#15 Sufficient sample amount for indicated test(s)?	Yes						
#16 All samples received within hold time?	Yes						
#17 Subcontract of sample(s)?	No						
#18 Water VOC samples have zero headspace?	N/A						

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

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: 10.09.2020

Checklist reviewed by: Jessica Kramer

Date: 10.12.2020

Received by OCD: 10/22/2020 4:38:05 PM Form C-141 State of New Mexico

Page 5

Oil Conservation Division

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

Incident ID	NRM2022151947
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 Supervisor _____ Signature: _____ Date: _____ Telephone: (432)-221-7331 email: _____ Kyle_Littrell@xtoenergy.com_____ OCD Only _____ Date: 2/11/2021 Chad Hensley Received by: ____ Approved Approved with Attached Conditions of Approval Denied Deferral Approved had Henon 2/11/2021 Signature: Date:

CONDITIONS

Action 10814

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

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

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

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

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

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:	
XTO ENERGY, INC 6401 Holiday Hill Road	5380	10814	C-141	
Building #5 Midland, TX79707				
OCD Reviewer	Condition	Condition		
chensley	None	None		