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

Incident ID	NRM2005160694
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.10954_

Longitude <u>-103.88942</u> (NAD 83 in decimal degrees to 5 decimal places)

Site Name Poker Lake Unit 21 Brushy Draw 903H	Site Type Production Well
Date Release Discovered 02/05/2020	API# (if applicable) 30-015-45703 Poker Lake Unit 21 Brushy Draw 903H

Unit Letter	Section	Township	Range	County
N	21	258	30E	Eddy

Surface Owner: State Federal Tribal Private (Name: Byron Wayne & Janey Loree Paschal

Nature and Volume of Release

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride 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) Drilling Mud-Brine- Diesel Emulsion	Volume/Weight Released (provide units) 128 Barrels	Volume/Weight Recovered (provide units) 127.50 Barrels

Cause of Release: A valve on the manifold was left opened to prevent freezing during the night. The following day, while transferring fluid from the frac tanks to the drilling rig mud system, 128 barrels were spilled onto the drilling pad. 127.5 barrels were recovered. A third party contractor has been retained to complete remediation activities.

Received by OCD: 12/23/2020 7:56:03PAM

Form C-141	State of New Mexico		
F0111 C-141	State of new Wexico	Incident ID	NRM2005160694
Page 2	Oil Conservation Division	District RP	
		Facility ID	

-	
Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by	
19.15.29.7(A) NMAC?	An unauthorized release of a volume of 25 barrels or more.
🛛 Yes 🗌 No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes by Amy Ruth to Mik	e Bratcher; Rob Hamlet; Victoria Venegas; 'Griswold, Jim, EMNRD' on Friday, February 7, 2020 at 9:52
AM via email.	

Application ID

Initial Response

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

 \square The source of the release has been stopped.

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

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

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

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

N/A

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

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

Title: SH&E Supervisor
Date: $2 - 20 - 20$
Telephone:
Date: 02/20/2020

NRM2005160694

Location:	Poker Lake Unit 21 Brushy Draw 903H			
Spill Date:	2/5/2020			
	Area 1			
Approximate A	rea =	2260.00	sq. ft.	
Average Satura	tion (or depth) of spill =	0.50	inches	
Average Porosity Factor = 0.03				
	VOLUME OF LEAK			
Total Water Ba	sed Drilling Mud =	128.00	bbls	
	TOTAL VOLUME OF LEAK			
Total Water Ba	ised Drilling Mud =	128.00	bbls	
	TOTAL VOLUME RECOVERED			
Total Water Ba	ised Drilling Mud =	127.50	bbls	

Oil Conservation Division

	Page 4 of 13
Incident ID	NRM2005160694
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.

	1
What is the shallowest depth to groundwater beneath the area affected by the release?	>100 (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🔀 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🗙 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🗙 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🗙 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🗙 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🗙 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🛛 No

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

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

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

Page 3

- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Received by OCD: 12/23/2020 7 Form C-141	7:56:03 AM			Page 5 of 131
F01111 C-141			Incident ID	NRM2005160694
Page 4	Oil Conservation Div	vision	District RP	
			Facility ID	
			Application ID	
regulations all operators are require public health or the environment. failed to adequately investigate an	then	ease notifications and perform c by the OCD does not relieve the se a threat to groundwater, surfa- erator of responsibility for comp	orrective actions for rele operator of liability sho ace water, human health	ases which may endanger uld their operations have or the environment. In
Received by:				

Page 6

Oil Conservation Division

	Page 6 of 13	1
Incident ID	NRM2005160694	
District RP		
Facility ID		
Application ID		

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

I hereby certify that the information given above is true and 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kyle Littrell	Title: SH&E Supervisor	
Signature: Signature	_Date:11/30/20	
email:Littrell@xtoenergy.com	Telephone:	
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by:	Date:	
Printed Name:	Title:	

Page 6

Oil Conservation Division

	Page 7 of 13
Incident ID	NRM2005160694
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

I hereby certify that the information given above is true and 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kyle Littrell Title: SH	&E Supervisor	
Signature: Date:	20	
email:Littrell@xtoenergy.com Telephone:		
OCD Only		
Received by: Robert Hamlet Date:	4/20/2021	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by: Robert Hamlet Date:	4/20/2021	
Printed Name: Robert Hamlet Tit	e: Environmental Specialist - Advanced	

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Page 8 of 131

Incident ID	NRM2005160694
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.10954

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Poker Lake Unit 21 Brushy Draw 903H	Site Type Production Well	
Date Release Discovered 02/05/2020	API# (if applicable) 30-015-45703 Poker Lake Unit 21 Brushy Draw 903H	

Unit Letter	Section	Township	Range	County
N	21	258	30E	Eddy

Surface Owner: State Federal Tribal Private (Name: Byron Wayne & Janey Loree Paschal

Nature and Volume of Release

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride 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)
Drilling Mud-Brine-	128 Barrels	127.50 Barrels
Diesel Emulsion		

Cause of Release: A valve on the manifold was left opened to prevent freezing during the night. The following day, while transferring fluid from the frac tanks to the drilling rig mud system, 128 barrels were spilled onto the drilling pad. 127.5 barrels were recovered. A third party contractor has been retained to complete remediation activities.

Received by OCD: 12/23/2020 7:56:03PAM

Form C-141 Page 2	State of New Mexico Oil Conservation Division	Incident ID District RP Facility ID Application ID	NRM2005160694
Was this a major release as defined by	If YES, for what reason(s) does the responsible part	ty consider this a major release	?

ti ub tinb u mujor	in reason (s) does no responsible party consider this a major release:		
release as defined by			
19.15.29.7(A) NMAC?	An unauthorized release of a volume of 25 barrels or more.		
🛛 Yes 🗌 No			
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?			
Yes by Amy Ruth to Mike Bratcher; Rob Hamlet; Victoria Venegas; 'Griswold, Jim, EMNRD' on Friday, February 7, 2020 at 9:52			
AM via email.			
AIVI VIA email.			

Initial Response

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

 \square The source of the release has been stopped.

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

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

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

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

N/A

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

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

Printed Name: Kyle Littrell	Title: <u>SH&E Supervisor</u>
Signature: Stand	Date: $2 - 20 - 20$
email:Kyle_Littrell@xtoenergy.com	Telephone:
OCD Only	
Received by: Ramona Marcus	Date:02/20/2020

NRM2005160694

Location:	Poker Lake Unit 21 Brushy Draw 903H					
Spill Date:	2/5/2020					
	Area 1					
Approximate A	rea =	2260.00	sq. ft.			
Average Satura	Average Saturation (or depth) of spill =					
Average Porosity Factor = 0.03						
			-			
	VOLUME OF LEAK					
Total Water Ba	sed Drilling Mud =	128.00	bbls			
	TOTAL VOLUME OF LEAK		-			
Total Water Ba	ised Drilling Mud =	128.00	bbls			
	TOTAL VOLUME RECOVERED					
Total Water Ba	sed Drilling Mud =	127.50	bbls			

Oil Conservation Division

	Page 11 of 13
Incident ID	NRM2005160694
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

Page 3

- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-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: 12/23/2020	7:56:03 AM State of New Mexico			Page 12 of 131
F01111 C-141			Incident ID	NRM2005160694
Page 4	Oil Conservation Division	n	District RP	
			Facility ID	
			Application ID	
regulations all operators are required public health or the environment. failed to adequately investigate and addition, OCD acceptance of a Control of the c	on given above is true and complete to the red to report and/or file certain release n The acceptance of a C-141 report by the and remediate contamination that pose a the -141 report does not relieve the operator trell	otifications and perform co e OCD does not relieve the hreat to groundwater, surfa of responsibility for compl	prrective actions for release operator of liability sho ce water, human health	ases which may endanger uld their operations have or the environment. In
Received by:		Date:		

Page 6

Oil Conservation Division

	Page 13 of 131
Incident ID	NRM2005160694
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

I hereby certify that the information given above is true and 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kyle Littrell	Title: SH&E Supervisor
Signature: Juliub	Date:11/30/20
email:Littrell@xtoenergy.com	Telephone:
OCD Only	
Received by:	Date:
	arty of liability should their operations have failed to adequately investigate and ace water, human health, or the environment nor does not relieve the responsible and/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

WSP USA

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

November 30, 2020

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

RE: Closure Request Poker Lake Unit 21 Brushy Draw 903H Incident Number NRM2005160694 Eddy County, New Mexico

To Whom it May Concern:

WSP USA, Inc. (WSP) (formerly LT Environmental, Inc.), on behalf of XTO Energy, Inc. (XTO), is pleased to present the following Closure Request detailing site assessment, soil sampling, and excavation activities at the Poker Lake Unit (PLU) 21 Brushy Draw 903H (Site) in Unit N, Section 21, Township 25 South, Range 30 East, in Eddy County, New Mexico (Figure 1). The purpose of the site assessment, soil sampling, and excavation activities was to address impacts to soil following a release of drilling mud brine at the Site. Based on the excavation activities and results of the soil sampling events, XTO is submitting this Closure Request, describing remediation that has occurred and requesting no further action (NFA) for Incident Number NRM2005160694.

RELEASE BACKGROUND

On February 05, 2020, a valve on the manifold was left open to prevent freezing during the night. The following day, while transferring fluid from the frac tanks to the drilling rig mud system fluid, the valve was left open, which resulted in the release of 128 bbls (barrels) of drilling mud brine onto the caliche well pad. XTO dispatched a hydrovacuum truck and approximately 127.5 bbls of drilling mud brine were recovered. XTO immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) via email on February 7, 2020 and then reported the release on a Release Notification and Corrective Action Form C-141 (Form C-141) on February 20, 2020. NMOCD subsequently assigned Incident Number NRM2005160694.

SITE CHARACTERIZATION

WSP characterized the Site according to Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest water well data. The nearest permitted water well with depth to water data is United States Geologic Survey (USGS) 320629103533001, located approximately 0.2 miles southwest of the Site. The water well has a depth to groundwater of 264 feet bgs and

wsp

District II Page 2

a total depth of 280 feet. Ground surface elevation at the water well location is 3,209 feet above mean sea level (AMSL), which is approximately 26 feet lower in elevation than the Site. All wells used for depth to groundwater determination are depicted on Figure 1 and the referenced well records are included as Attachment 1.

The closest continuously flowing water or significant watercourse to the Site is an unnamed dry wash located approximately 397 feet Southeast of the Site. There is a mapped unnamed dry wash 159 feet to the south of the Site. However, this dry wash is not considered a significant watercourse because it is not continuous and is not a tributary to a named watercourse. 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: 20,000 mg/kg

SITE ASSESSMENT ACTIVITIES AND ANALYTICAL RESULTS

Once hydraulic fracturing and flowback operations were complete, WSP personnel visited the Site to evaluate the release extent on October 15, 2020. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positing System (GPS). WSP personnel collected and field screened four preliminary soil assessment samples at three locations (SS01 through SS04) within the release extent. Locations of soil samples are presented on Figure 2.

The four soil samples were collected at a depth of 0.5 feet below grade surface (bgs). Initial assessment soil samples were field screened for volatile aromatic hydrocarbons and chloride utilizing a calibrated photoionization detector (PID) and Hach[®] chloride QuanTab[®] test strips, respectively. All 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)

vsp

District II Page 3

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, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

According to laboratory analytical results, TPH-GRO, TPH-DRO and TPH were reported at concentrations above the Closure Criteria in the preliminary assessment soil samples SS01, SS02, and SS04. Soil concentrations of benzene, BTEX, TPH-GRO, TPH-DRO, TPH, and chloride in preliminary samples SS03 were compliant with Closure Criteria for the Site. Based on field screening results and laboratory analytical results, soil delineation activities seemed warranted in order to further assess the presence or absence of impacted soil appeared to be warranted for the release area.

DELINEATION AND EXCAVATION SOIL SAMPLING ACTIVITIES

On October 29, 2020, WSP oversaw delineation activities to assess the presence or absence of impacted soil as indicated by initial field screenings and preliminary soil sample results. Three potholes (PH01 through PH03) were advanced to a depth of 4 feet bgs and two discrete soil samples were collected from each pothole utilizing a track mounted backhoe and related equipment. Delineation soil samples were collected at 1 foot and 4 feet bgs. Soil from the potholes was field screened for volatile aromatic hydrocarbons and chloride utilizing a PID and Hach[©] chloride QuanTab[©] test strips, respectively. Field screening results and observations for each pothole were logged on lithologic/soil sampling logs, which are included in Attachment 2. The locations of delineation potholes (PH01 through PH03) are presented on Figure 3. The discrete delineation soil samples were collected, handled, and analyzed as described above at Xenco in Carlsbad, New Mexico. Photographic documentation was conducted during the visit to the Site and is included in Attachment 3.

According to laboratory analytical results, TPH-GRO, TPH-DRO were reported at concentrations above the Closure Criteria in delineation soil sample PH01, at 1-foot bgs. Soil concentrations of benzene, BTEX, TPH-GRO, TPH-DRO, TPH, and chloride concentrations were compliant in delineation soil samples PH01A, PH02/PH02A, and PH03/PH03A. Additionally, delineation soil samples PH01A, PH02A, and PH03A were compliant with the reclamation standard of 600 mg/kg.

Based on the field screenings and laboratory analytical results, WSP proceeded with excavation activities in order to remove impacted soil in the affected area surrounding SS01, SS02 and SS04, along with PH01. Following removal of impacted soil, WSP collected 5-point composite soil samples at least every 200 square feet from the sidewalls and floor of the excavations. 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. A total of twelve composite floor soil samples (FS01 through FS12) and four sidewall samples (SW01 through SW04) were collected from the excavation. The floor samples were collected at a depth of 2 feet

vsp

District II Page 4

bgs and sidewalls were collected from depths ranging from ground surface to 2 feet bgs. The excavation soil samples were collected, handled, and analyzed as described above. The locations of final excavation confirmation sample are presented on Figure 4.

The excavation extent totaled approximately 2,200 square feet. A total of approximately 165 cubic yards of impacted soil were removed during the excavation activities. The impacted soil was transported and properly disposed of at the R360 Facility located in Hobbs, New Mexico. After completion of confirmation sampling, the excavation was secured with fencing.

SOIL ANALYTICAL RESULTS

Laboratory analytical results indicated benzene, BTEX, TPH-GRO, TPH-DRO, TPH, and chloride concentrations were compliant with the Closure Criteria at the completion of the excavation activities in all composite floor and sidewall soil samples. In addition, analytical results for five of the six soil samples from the three potholes (PH01 through PH03) were compliant with the Site Closure Criteria. The laboratory analytical results are summarized in Table 1 and the laboratory data reports are provided in Attachment 4.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the February 5, 2020, release of drilling mud brine. Based on the laboratory analytical results for the preliminary soil samples, impacted soil was excavated. Laboratory analytical results for excavation soil samples collected from the final excavation extent indicated that BTEX, GRO/DRO, TPH, and chloride concentrations were compliant with the Site Closure Criteria.

Based on the excavation soil sample analytical results, no further remediation was required. Initial response efforts and excavation of impacted soil have mitigated impacts at this Site. As such, XTO respectfully requests NFA for Incident Number NRM2005160694. vsp

District II Page 5

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

Sincerely,

WSP USA Inc.

Elizabeth Naka

Ashley L. Ager

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

Elizabeth Naka Assistant Consultant, Environmental Scientist cc: Kyle Littrell, XTO Robert Hamlet, NMOCD Victoria Venegas, NMOCD Jim Amos, Bureau of Land Management

Attachments:

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

Received by OCD: 12/23/2020 7:56:03 AM

FIGUR

Released to Imaging: 4/20/2021 11:40:22 AM



Released to Imaging: 4/20/2021 11:40:22 AM







Received by OCD: 12/23/2020 7:56:03 AM

TABLES

Released to Imaging: 4/20/2021 11:40:22 AM

.

Table 1

Soil Analytical Results					
Poker Lake Unit 21 Brushy Draw 903H					
Incident Number NRM2005160694					
Eddy County, New Mexico					

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 C	losure Criteria (NM	AC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
Surface Samples										
SS01	10/15/2020	0.5	< 0.0192	< 0.0192	<250	23,500	<250	23,500	23,500	1,150
SS02	10/15/2020	0.5	< 0.0192	< 0.0192	<250	21,500	<250	21,500	21,500	3,440
SS03	10/15/2020	0.5	< 0.0196	< 0.0196	<249	10,000	<249	10,000	10,000	4,950
SS04	10/15/2020	0.5	< 0.00200	< 0.00200	<50.1	<50.1	<50.1	<50.1	<50.1	1,080
Delineation Sample	s									
PH01	10/29/2020	1	< 0.00200	< 0.00200	<49.8	1,150	<49.8	1,150	1,150	559
PH01A	10/29/2020	4	< 0.00202	< 0.00202	<50.1	<50.1	<50.1	<50.1	<50.1	190
PH02	10/29/2020	1	< 0.00200	< 0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	496
PH02A	10/29/2020	4	< 0.00198	< 0.00198	<50.1	<50.1	<50.1	<50.1	<50.1	18.9
PH03	10/29/2020	1	< 0.00200	< 0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	174
PH03A	10/29/2020	4	< 0.00198	< 0.00198	<50.2	<50.2	<50.2	<50.2	<50.2	108
Excavation Floor Sa	amples									
FS01	10/29/2020	2	< 0.00202	< 0.00202	<50.1	<50.1	<50.1	<50.1	<50.1	797
FS02	10/29/2020	2	< 0.00201	< 0.00201	<49.8	<49.8	<49.8	<49.8	<49.8	781
FS03	10/29/2020	2	< 0.00199	< 0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	610
FS04	10/29/2020	2	< 0.00200	< 0.00200	<50.3	<50.3	<50.3	<50.3	<50.3	116
FS05	10/29/2020	2	<0.00202	<0.00202	<50.3	52.2	<50.3	52.2	52.2	255
FS06	10/29/2020	2	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	<49.9	88.9
FS07	10/29/2020	2	<0.00202	<0.00202	<50.2	<50.2	<50.2	<50.2	<50.2	74.9
FS08	10/29/2020	2	< 0.00200	< 0.00200	<50.3	<50.3	<50.3	<50.3	<50.3	47.5

.

Table 1

Soil Analytical Results					
Poker Lake Unit 21 Brushy Draw 903H					
Incident Number NRM2005160694					
Eddy County, New Mexico					

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Cle	osure Criteria (NM	AC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
FS09	10/29/2020	2	< 0.00198	< 0.00198	<50.2	54.4	<50.2	54.4	54.4	592
FS10	10/29/2020	2	< 0.00200	< 0.00200	<50.2	<50.2	<50.2	<50.2	<50.2	44.1
FS11	10/29/2020	2	< 0.00198	< 0.00198	<50.3	<50.3	<50.3	<50.3	<50.3	122
FS12	10/29/2020	2	< 0.00199	< 0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	66.0
Excavation Sidewall	Excavation Sidewall Samples									
SW01	10/29/2020	0 - 2	< 0.00196	< 0.00196	<50.2	<50.2	<50.2	<50.2	<50.2	981
SW02	10/29/2020	0 - 2	<0.00199	< 0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	373
SW03	10/29/2020	0 - 2	< 0.00200	< 0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	642
SW04	10/29/2020	0 - 2	< 0.00201	< 0.00201	<50.2	<50.2	<50.2	<50.2	<50.2	43.5

ft - feet/foot

mg/kg - milligrams per kilograms

BTEX - benzene, toluene, ethylbenzene, and total xylenes

TPH - total petroleum hydrocarbons

DRO - diesel range organics

GRO - gasoline range organics

ORO - motor oil range organics

NMOCD - New Mexico Oil Conservation Division

NMAC - New Mexico Administrative Code

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

NE - Not Established

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

Received by OCD: 12/23/2020 7:56:03 AM

Released to Imaging: 4/20/2021 11:40:22 AM

USGS 320628103533001 25S.30E.21.333424

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°06'28", Longitude 103°53'30" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: 288 feet Land surface altitude: 3,207 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	1958-08-21	1998-01-28	4
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 29 of 131

ecerved by OCD: 12/23/2020 7:56:03 AM

USGS 320628103533001 25S.30E.21.333424



Released to Imaging: 4/20/2021 11:40:22 AM Period of approved data

USGS 320404103523101 26S.30E.05.343414

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°04'04", Longitude 103°52'31" NAD27 Eddy County, New Mexico , Hydrologic Unit 13070001 Well depth: 775 feet Land surface altitude: 3,173 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	1958-08-18	1998-01-28	6
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 31 of 131

Received by OCD: 12/23/2020 7:56:03 AM

USGS 320404103523101 26S.30E.05.343414



Released to Imaging: 4/20/2021 11:40:22 The Period of approved data

USGS 320405103524001 26S.30E.05.33441

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°04'05", Longitude 103°52'40" NAD27 Eddy County, New Mexico , Hydrologic Unit 13070001 Well depth: 770 feet Land surface altitude: 3,159 feet above NAVD88. Well completed in "Alluvium, Bolson Deposits and Other Surface Deposits" (110AVMB) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count	
Field groundwater-level measurements	1959-02-18	1983-02-15	5	
Revisions	Unavailable (site:0) (timeseries:0)			

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center Email questions about this site to <u>New Mexico Water Science Center Water-Data</u> <u>Inquiries</u>

Page 33 of 131

ceived by OCD: 12/23/2020 7:56:03 AM

USGS 320405103524001 26S.30E.05.33441



Released to Imaging: 4/20/2021 11:40:22 AM Period of approved data

USGS 320850103533801 25S.30E.08.224444

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°08'50", Longitude 103°53'38" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: not determined. Land surface altitude: 3,232 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	1958-08-19	1958-08-19	1	
Revisions	Unavailable (site:0) (timeseries:0)			

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center Email questions about this site to <u>New Mexico Water Science Center Water-Data</u> <u>Inquiries</u>



Received by OCD: 12/23/2020 7:56:03 AM

USGS 320850103533801 25S.30E.08.224444



Released to Imaging: 4/20/2021 11:40:22 AM Period of approved data

USGS 320857103553301 25S.30E.07.112331

Available data for this site

Well Site

DESCRIPTION:

Latitude 32°08'57", Longitude 103°55'33" NAD27 Eddy County, New Mexico , Hydrologic Unit 13060011 Well depth: 385 feet Land surface altitude: 3,169 feet above NAVD88. Well completed in "Alluvium, Bolson Deposits and Other Surface Deposits" (110AVMB) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count	
Field groundwater-level measurements	1959-02-05	1998-01-28	5	
Revisions	Unavailable (site:0) (timeseries:0)			

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center Email questions about this site to <u>New Mexico Water Science Center Water-Data</u> <u>Inquiries</u>
Page 37 of 131

Received by OCD: 12/23/2020 7:56:03 AM

USGS 320857103553301 25S.30E.07.112331



Released to Imaging: 4/20/2021 11:40:22 AM Period of approved data



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

			• •				NE 3=SV to largest		,	3 UTM	1 in meters)	
Well Tag	POD	Number	Q	54 Q16	5 Q4	Sec	Tws	Rng		Χ	Y	
	C 0	3581 POE	01 4	4 4	4	05	26S	30E	6042	98	3548291 🌍	
Driller Lico Driller Nar		1654	Dril	ler Co	mpa	ny:			ORKING F ONSTRUC	OR H	IIRESIRMA	AN DRILLING
Drill Start	Date:	11/01/20	012 Dril	l Finis	h Da	te:	1	1/09/2	2012	Plug	Date:	
Log File Da	ate:	11/13/20	012 PCV	V Rev	Date	:				Sour	·ce:	Shallow
Ритр Туре	e:		Pipe	Disch	arge	Size	:			Estii	nated Yield:	55 GPM
Casing Size	e:	6.00	Dep	th We	11:		8	00 fee	et	Dept	th Water:	320 feet
	Wate	er Bearing	g Stratifications:	:	Te	p]	Bottom	De	scription			
		•	2		22	-	335		-	avel/C	Conglomerate	
					69	90	710				Conglomerate	
		Cas	ing Perforations		Te	n 1	Botton					
		0.05			30		400					
					68		760					
					70	50	800)				
	Mete	er Numbe	r: 16571			1	Meter	Make		МА	STERMETE	R
			Sumber: 81076	21			Meter				.0000	
	Num	ber of Di	als: 6				Meter '		-	Div	ersion	
	Unit	of Measu	re: Gallor	ıs					Percent:			
	Usag	e Multipl	ier:]	Readin	g Fre	equency:			
Meter I	x x Readin	gs (in Ac	re-Feet)									
	l Date	Year	Mtr Reading	Flag	R	dr (Comm	ent			Mtr	Amount Onlin
	/2014	2014	259537	A		PT						0
07/01	/2014	2014	278436	А	R	PT						5.800
10/01	/2014	2014	296778	А	R	PT						5.629
12/31	/2014	2014	313660	А	R	PT						5.181
02/01	/2015	2015	318775	А	R	PT						1.570
03/02	2/2015	2015	323284	А	R	PT						1.384
04/01	/2015	2015	328475	А	R	PT						1.593
04/30	0/2015	2015	335707	А	R	PT						2.219
05/31	/2015	2015	342147	А	R	PT						1.976
08/01	/2015	2015	352324	А	R	PT						3.123
08/31	/2015	2015	358371	А	R	PT						1.856
10/01	/2015	2015	364478	А	R	PT						1.874
**YT	ſD Me	ter Amou	ints: Year		Amo	unt						
			2014		16.	610						
			2015		15.							

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.

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

			(quarters (quarter	are 1=N s are sma			(NAD8	D83 UTM in meters)		
Well Tag	POD	Number	Q64 Q						X Y	
_	C 0.	3782 POD1	4	3 3	28	25S	30E	60452	26 3551444	
Contemporation Contem		331	Driller (Compar	ıy:	SB(CO		C DBA S	TEWART BROT	HERS DRILLING
Drill Start	Date:	01/16/2015	Drill Fin	ish Dat	e:	0	1/17/201	15	Plug Date:	
Log File Da	ate:	02/19/2015	PCW Rc	v Date:	:				Source:	Artesian
Pump Type	e:		Pipe Dise	Pipe Discharge Size:					Estimated Yield	1:
Casing Size	e:	8.63	Depth W	ell:		80	05 feet		Depth Water:	277 feet
x	Wate	r Bearing Stratif	ications:	То	р 1	Bottom	Descr	ription		
				26	50	320	Sands	stone/Gra	vel/Conglomera	te
				32	20	380	Sands	stone/Gra	vel/Conglomera	te
				38	30	410	Sands	stone/Gra	vel/Conglomera	te
				41	0	530	Shale	/Mudstor	ne/Siltstone	
				53	30	590	Shale	/Mudstor	ne/Siltstone	
				59	00	600	Shale	/Mudstor	ne/Siltstone	
				60	00	630	Shale	/Mudstor	ne/Siltstone	
				63	30	650	Shale	/Mudstor	ne/Siltstone	
				65	50	700	Shale	/Mudstor	ne/Siltstone	
				70	00	710	Shale	/Mudstor	ne/Siltstone	
				71	0	760	Shale	/Mudstor	ne/Siltstone	
				76	50	770	Shale	/Mudstor	ne/Siltstone	
				77	0	780	Shale	/Mudstor	ne/Siltstone	
				78	30	790	Shale	/Mudstor	ne/Siltstone	
				79	00	805	Shale	/Mudstor	ne/Siltstone	
(Casing Per	forations:	To	p 1	Bottom	I			
				27	0	805	;			

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.

POINT OF DIVERSION SUMMARY

					WS	P USA			BH or PH Name: PH01	Date:	
							`troot			10/29/2020 J 21 Brushy Draw 903H	
				Carl	08 West S sbad, Ne	w Mexico	88220		RP or Incident Number:	NRM200516069	4
										920031	
		LITH	OLOG	SIC / SOIL	SAMPL	ING LO	G		Logged By EN	Method:	Trackhoe
Lat/Lo	ong:				Field Scre				Hole Diameter:	Total Depth:	
Comn	nents:				Chloride,	PID				4'	
								-			
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	(ft bgs)	USCS/Rock Symbol		Lithol	ogy/Remarks	
					1 -	0					
	1,545	34.1		PH01	_	1		brown, c	aliche and medium sa	and	
	509	13.0			-	2		lighter b	own, more caliche		
	<180	6.5			_	3		5			
					-	-					
	<180	1.5		PH01A	-	4		brown, n TD @ 4'	nostly medium sand w	vith trace caliche	
					_	-		10 @ 4			
					_	-					
					-	-					
					_	-					
					-	-					
					-	-					
					-	-					
					-	-					
					-	-					
					-	-					
					_	-					
					_	-					
					-	-					
					-	-					
					-	-					
					_	-					
					-	-					
					_	-					
						-					
					-	-					
						-					
					-	-					
						-					
					-	-					
						-					
					_	-					
					-	-					

									BH or PH Name:	Date:	
					WS	P USA					
							Nu.		PH02	10/29/2020	
				5 Carl	08 West S Isbad, Ne	Stevens S w Mexico	street			U 21 Brushy Draw 903	
				Can		I MCAIOU	00220		RP or Incident Number: LTE Job Number: 12	NRM20051606	J34
				SIC / SOIL	SAMDI		G		Logged By EN	Method:	Trackhoe
Lat/Lo	na.	LIIII	OLUC		Field Scre		0		Hole Diameter:	Total Depth:	Hackhoe
Lavec	Jig.				Chloride,					4'	
Comn	nents:				-					_	
		<u> </u>			1	1	~	1			
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	(ft bgo)	USCS/Rock Symbol		Litho	ology/Remarks	
					<u> </u>	0					
	257	0.7		PH02	_	1		tan, meo	lium sand and calich	е	
	257	0.3			-	2		Same as	s above (SAA)		
	<180	0.2			-	3		SAA			
	<180	0.1		PH02A	-	4		SAA			
					_			TD @ 4'	bgs		
					-	-					
					-	_					
					-	L					
					-	-					
					_	_					
					-	-					
					_						
					_	_					
					-	-					
					_						
					_						
					-						
					_	-					
						L					
					-	-					
					_	-					
					-	-					
					-						
					-	\vdash					
					-	\mathbf{H}					
						F					
						L					
					-	$\left \right $					
					-	-					
					-	L					
					-	ŀ					
					-	-					
					-						
					-						
								<u> </u>			

									BH or PH Name:	Date:	
					WS	P USA					
							Nu.		PH03	10/29/2020	
				5 Car	08 West S Isbad, Ne	Stevens S w Mexico	street			U 21 Brushy Draw 903H	
				- Odi		I MCAIOU	00220		RP or Incident Number: LTE Job Number: 12	NRM20051606 2920031	34
					SAMDI		G		Logged By EN	Method:	Trackhoe
Lat/Lo	na.	LIIII			Field Scre		0		Hole Diameter:	Total Depth:	Hacknoe
Latito	ing.				Chloride,					4'	
Comm	nents:				-						
					1	1	~				
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	(ft bgo)	USCS/Rock Symbol		Litho	ology/Remarks	
					1	0					
	<180	0.0		PH03	-	1		tan, meo	lium sand and calich	e	
	<180	0.0			-	2		Same as	s above (SAA)		
	<180	0.0			-	3		SAA			
	<180	0.0		PH03A		4		SAA			
					_	-		TD @ 4'	bgs		
					-						
					_	-					
					_	L					
					-	-					
					_	_					
					-	-					
					_	[
					_	_					
					-	-					
					_						
					_						
					-						
					_	-					
					-	L					
					-	-					
					_	-					
					-	-					
					_	\vdash					
					-	\mathbf{H}					
						F					
					_	L					
					-						
						-					
					-	Ľ					
					-						
					-	F					
					-	-					
					-						
					-						

wsp

	PHOTOGRAPHIC LOG	
XTO Energy, Inc.	Poker Lake Unit 21 Brushy Draw 903H	NRM2005160694
	Eddy County, New Mexico	





wsp

	PHOTOGRAPHIC LOG	
XTO Energy, Inc.	Poker Lake Unit 21 Brushy Draw 903H	NRM2005160694
	Eddy County, New Mexico	



Photo No.	Date	
4	October 29, 2020	
View of final	excavation extent	
facin	g South.	
		A Construction of the second state of the seco
		and the second

Released to Imaging: 4/20/2021 11:40:22 AM

eurofins Environment Testing

Xenco

Project Id: 012920031 Dan Moir

Contact:

Project Location:

Certificate of Analysis Summary 675349

LT Environmental, Inc., Arvada, CO

Project Name: Poker Lake Unit 21 Bushy Draw 903H

Date Received in Lab: Thu 10.15.2020 16:15 Report Date: 10.20.2020 12:19 Project Manager: Jessica Kramer

	Lab Id:	675349-0	01	675349-0	02	675349-0	03	675349-0	004	
Analysis Requested	Field Id:	SS01		SS02		SS04		SS03		
Analysis Kequestea	Depth:	0.5- ft		0.5- ft	0.5- ft			0.5- ft		
	Matrix:	SOIL		SOIL		SOIL		SOIL		
	Sampled:	10.15.2020	10:50	10.15.2020	11:00	10.15.2020	11:20	10.15.2020	11:10	
BTEX by EPA 8021B	Extracted:	10.16.2020	09:00	10.16.2020	09:00	10.16.2020	09:00	10.16.2020	09:00	
	Analyzed:	10.16.2020	14:15	10.16.2020	14:38	10.16.2020	15:00	10.16.2020	13:53	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
Benzene		< 0.0192	0.0192	<0.0192	0.0192	< 0.0196	0.0196	< 0.00200	0.00200	
Toluene		< 0.0192	0.0192	<0.0192	0.0192	< 0.0196	0.0196	< 0.00200	0.00200	
Ethylbenzene		< 0.0192	0.0192	< 0.0192	0.0192	< 0.0196	0.0196	< 0.00200	0.00200	
m,p-Xylenes		< 0.0385	0.0385	< 0.0385	0.0385	< 0.0392	0.0392	< 0.00401	0.00401	
o-Xylene		< 0.0192	0.0192	< 0.0192	0.0192	< 0.0196	0.0196	< 0.00200	0.00200	
Total Xylenes		< 0.0192	0.0192	<0.0192	0.0192	< 0.0196	0.0196	< 0.00200	0.00200	
Total BTEX		< 0.0192	0.0192	< 0.0192	0.0192	< 0.0196	0.0196	< 0.00200	0.00200	
Chloride by EPA 300	Extracted:	10.16.2020	14:08	10.16.2020	14:08	10.16.2020	14:08	10.16.2020	14:08	
	Analyzed:	** ** **	**	** ** **	**	** ** **	**	** ** **	**	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
Chloride		1150	49.6	3440	49.9	4950	49.9	1080	49.9	
TPH by SW8015 Mod	Extracted:	10.16.2020	17:30	10.16.2020	17:30	10.19.2020	10:30	10.16.2020	10:10	
	Analyzed:	10.19.2020	10:01	10.19.2020	10:20	10.19.2020	18:14	10.16.2020	10:55	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
Gasoline Range Hydrocarbons (GRO)		<250	250	<250	250	<249	249	< 50.1	50.1	
Diesel Range Organics (DRO)		23500	250	21500	250	10000	249	<50.1	50.1	
Motor Oil Range Hydrocarbons (MRO)		<250	250	<250	250	<249	249	<50.1	50.1	
Total GRO-DRO		23500	250	21500	250	10000	249	<50.1	50.1	
Total TPH		23500	250	21500	250	10000	249	<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 20

eurofins Environment Testing Xenco

Analytical Report 675349

Page 50 of 131

for

LT Environmental, Inc.

Project Manager: Dan Moir

Poker Lake Unit 21 Bushy Draw 903H

012920031

10.20.2020

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)

eurofins Environment Testing Xenco

10.20.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 675349 Poker Lake Unit 21 Bushy Draw 903H 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) 675349. 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. 675349 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

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

eurofins Environment Testing Xenco

Sample Cross Reference 675349

LT Environmental, Inc., Arvada, CO

Poker Lake Unit 21 Bushy Draw 903H

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS01	S	10.15.2020 10:50	0.5 ft	675349-001
SS02	S	10.15.2020 11:00	0.5 ft	675349-002
SS04	S	10.15.2020 11:20	0.5 ft	675349-003
SS03	S	10.15.2020 11:10	0.5 ft	675349-004

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: Poker Lake Unit 21 Bushy Draw 903H

 Project ID:
 012920031

 Work Order Number(s):
 675349

 Report Date:
 10.20.2020

 Date Received:
 10.15.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

Certificate of Analytical Results 675349

LT Environmental, Inc., Arvada, CO

Poker Lake Unit 21 Bushy Draw 903H

Sample Id: SS01 Lab Sample Id: 675349-001		Matrix Date C	: Soil ollected: 10.15	5.2020 10:50		Date Received:10.1. Sample Depth: 0.5 f		15
Analytical Method: Chloride by EP	A 300					Prep Method: E300)P	
Tech: MAB								
Analyst: MAB		Date P	rep: 10.16	5.2020 14:08		% Moisture:	XX7 * 1 /	
Seq Number: 3139862			I			Basis: Wet	Weight	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1150	49.6		mg/kg	10.16.2020 12:27		5
Analytical Method: TPH by SW801 Tech: DTH Analyst: DTH Seq Number: 3139959	5 Mod	Date P	rep: 10.16	5.2020 17:30		Prep Method: SW8 % Moisture: Basis: Wet	8015P Weight	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<250	250		mg/kg	10.19.2020 10:01	U	5
Diesel Range Organics (DRO)	C10C28DRO	23500	250		mg/kg	10.19.2020 10:01		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<250	250		mg/kg	10.19.2020 10:01	U	5
Total GRO-DRO	PHC628	23500	250		mg/kg	10.19.2020 10:01		5
Total TPH	PHC635	23500	250		mg/kg	10.19.2020 10:01		5
Surrogate		Cas Number	% Recovery	Units	Limits	s Analysis Date	Flag	
1-Chlorooctane		111-85-3	123	%	70-135	10.19.2020 10:01		
o-Terphenyl		84-15-1	105	%	70-135	10.19.2020 10:01		

Certificate of Analytical Results 675349

LT Environmental, Inc., Arvada, CO

Poker Lake Unit 21 Bushy Draw 903H

Sample Id:SS01Lab Sample Id:675349-001	Matrix: Date Collected:	Soil 10.15.2020 10:50	Date Received Sample Depth	d:10.15.2020 16:15 n: 0.5 ft
Analytical Method: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech: MAB				
Analyst: MAB	Date Prep:	10.16.2020 09:00	% Moisture: Basis:	Wet Weight
Seq Number: 3139877			Dasis.	wet weight
	D V ==			

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.0192	2 0.0192		mg/kg	10.16.2020 14:15	U	1
Toluene	108-88-3	< 0.0192	2 0.0192		mg/kg	10.16.2020 14:15	U	1
Ethylbenzene	100-41-4	< 0.0192	2 0.0192		mg/kg	10.16.2020 14:15	U	1
m,p-Xylenes	179601-23-1	< 0.0385	5 0.0385		mg/kg	10.16.2020 14:15	U	1
o-Xylene	95-47-6	< 0.0192	2 0.0192		mg/kg	10.16.2020 14:15	U	1
Total Xylenes	1330-20-7	< 0.0192	2 0.0192		mg/kg	10.16.2020 14:15	U	1
Total BTEX		< 0.0192	2 0.0192		mg/kg	10.16.2020 14:15	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	94	%	70-130	10.16.2020 14:15		
1,4-Difluorobenzene		540-36-3	93	%	70-130	10.16.2020 14:15		

eurofins Environment Testing Xenco

Certificate of Analytical Results 675349

LT Environmental, Inc., Arvada, CO

Poker Lake Unit 21 Bushy Draw 903H

Sample Id: SS02 Lab Sample Id: 675349-002		Matrix Date C	Soil Soil	5.2020 11:00		Date Received:10.15 Sample Depth: 0.5 ft		15
Analytical Method: Chloride by EP. Tech: MAB	A 300					Prep Method: E300		
Analyst: MAB		Date Pr	rep: 10.16	5.2020 14:08		% Moisture: Basis: Wet	Weight	
Seq Number: 3139862							U	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	3440	49.9		mg/kg	10.16.2020 12:32		5
Analytical Method: TPH by SW801 Tech: DTH Analyst: DTH Seq Number: 3139959	5 Mod	Date Pr	rep: 10.16	5.2020 17:30		Prep Method: SW8 % Moisture: Basis: Wet	015P Weight	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<250	250		mg/kg	10.19.2020 10:20	U	5
Diesel Range Organics (DRO)	C10C28DRO	21500	250		mg/kg	10.19.2020 10:20		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<250	250		mg/kg	10.19.2020 10:20	U	5
Total GRO-DRO	PHC628	21500	250		mg/kg	10.19.2020 10:20		5
Total TPH	PHC635	21500	250		mg/kg	10.19.2020 10:20		5
Surrogate		Cas Number	% Recovery	Units	Limits	s Analysis Date	Flag	
1-Chlorooctane		111-85-3	108	%	70-135	10.19.2020 10:20		
o-Terphenyl		84-15-1	102	%	70-135	10.19.2020 10:20		

Certificate of Analytical Results 675349

LT Environmental, Inc., Arvada, CO

Poker Lake Unit 21 Bushy Draw 903H

Sample Id: Lab Sample I	Sample Id:SS02Lab Sample Id:675349-002			Soil l: 10.15.2020 11:00	Date Received:10.15.2020 16:15 Sample Depth: 0.5 ft		
Analytical M	ethod: BTEX by EPA 802	21B			Prep Method:	SW5035A	
Tech:	MAB						
Analyst:	MAB		Date Prep:	10.16.2020 09:00	% Moisture: Basis:	Wet Weight	
Seq Number:	3139877				Dusis.	wet weight	
D			Decesté DI				

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.0192	2 0.0192		mg/kg	10.16.2020 14:38	U	1
Toluene	108-88-3	< 0.0192	2 0.0192		mg/kg	10.16.2020 14:38	U	1
Ethylbenzene	100-41-4	< 0.0192	2 0.0192		mg/kg	10.16.2020 14:38	U	1
m,p-Xylenes	179601-23-1	< 0.038	5 0.0385		mg/kg	10.16.2020 14:38	U	1
o-Xylene	95-47-6	< 0.0192	2 0.0192		mg/kg	10.16.2020 14:38	U	1
Total Xylenes	1330-20-7	< 0.0192	2 0.0192		mg/kg	10.16.2020 14:38	U	1
Total BTEX		< 0.0192	2 0.0192		mg/kg	10.16.2020 14:38	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	114	%	70-130	10.16.2020 14:38		
4-Bromofluorobenzene		460-00-4	112	%	70-130	10.16.2020 14:38		

eurofins Environment Testing Xenco

LT Environmental, Inc., Arvada, CO

Poker Lake Unit 21 Bushy Draw 903H

Sample Id: SS04 Lab Sample Id: 675349-003		Matrix: Date Co	Soil ollected: 10.15	5.2020 11:20		Date Received:10.1 Sample Depth: 0.5 f		:15
Analytical Method: Chloride by EP	PA 300					Prep Method: E30	OP	
Tech: MAB								
Analyst: MAB		Date Pr	ep: 10.16	5.2020 14:08		% Moisture: Basis: Wet	W:-1-4	
Seq Number: 3139862			-			basis. wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	4950	49.9		mg/kg	10.16.2020 12:38		5
Analytical Method:TPH by SW80Tech:DTHAnalyst:DTHSeq Number:3140041	15 Mod	Date Pr	ep: 10.19	9.2020 10:30		Prep Method: SW8 % Moisture: Basis: Wet	8015P Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<249	249		mg/kg	10.19.2020 18:14	U	5
Diesel Range Organics (DRO)	C10C28DRO	10000	249		mg/kg	10.19.2020 18:14		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<249	249		mg/kg	10.19.2020 18:14	U	5
Total GRO-DRO	PHC628	10000	249		mg/kg	10.19.2020 18:14		5
Total TPH	PHC635	10000	249		mg/kg	10.19.2020 18:14		5
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	120	%	70-135	10.19.2020 18:14		
		111 00 0	120	70	10 100			

eurofins Environment Testing Xenco

Certificate of Analytical Results 675349

Page 59 of 131

LT Environmental, Inc., Arvada, CO

Poker Lake Unit 21 Bushy Draw 903H

Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3139877	Prep Method: SW5035A 5: 10.16.2020 09:00 % Moisture: Basis: Wet Weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.019	6 0.0196		mg/kg	10.16.2020 15:00	U	1
Toluene	108-88-3	< 0.019	6 0.0196		mg/kg	10.16.2020 15:00	U	1
Ethylbenzene	100-41-4	< 0.019	6 0.0196		mg/kg	10.16.2020 15:00	U	1
m,p-Xylenes	179601-23-1	< 0.0392	2 0.0392		mg/kg	10.16.2020 15:00	U	1
o-Xylene	95-47-6	< 0.019	6 0.0196		mg/kg	10.16.2020 15:00	U	1
Total Xylenes	1330-20-7	< 0.019	6 0.0196		mg/kg	10.16.2020 15:00	U	1
Total BTEX		< 0.019	6 0.0196		mg/kg	10.16.2020 15:00	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	81	%	70-130	10.16.2020 15:00		
1,4-Difluorobenzene		540-36-3	117	%	70-130	10.16.2020 15:00		

eurofins Environment Testing Xenco

Certificate of Analytical Results 675349

LT Environmental, Inc., Arvada, CO

Poker Lake Unit 21 Bushy Draw 903H

Sample Id: SS03 Lab Sample Id: 675349-004		Matrix: Date Coll	Soil lected: 10.15.2020 11:10)	Date Received:10.1 Sample Depth: 0.5 f		15
Analytical Method: Chloride by El	PA 300				Prep Method: E30	0P	
Tech: MAB							
Analyst: MAB		Date Prep	b: 10.16.2020 14:08	3	% Moisture: Basis: Wet	X 7 · 1 /	
Seq Number: 3139862					Dasis. Wet	Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1080	49.9	mg/kg	10.16.2020 12:43		5
Analytical Method: TPH by SW80 Tech: DTH Analyst: DTH	15 1400	Data Pror			Prep Method: SW8 % Moisture:	00151	
Seq Number: 3139881		Date Prep	p: 10.16.2020 10:10)		Weight	
Seq Number: 3139881 Parameter	Cas Number	Result	rL) Units		Weight Flag	Dil
	Cas Number PHC610				Basis: Wet	C	Dil 1
Parameter		Result	RL	Units	Basis: Wet Analysis Date	Flag	
Parameter Gasoline Range Hydrocarbons (GRO)	PHC610	Result <50.1	RL 50.1	Units mg/kg	Basis: Wet Analysis Date 10.16.2020 10:55	Flag U	1
Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	PHC610 C10C28DRO	Result <50.1 <50.1	RL 50.1 50.1	Units mg/kg mg/kg	Basis: Wet Analysis Date 10.16.2020 10:55 10.16.2020 10:55	Flag U U	1 1
Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	PHC610 C10C28DRO PHCG2835	Result <50.1 <50.1 <50.1	RL 50.1 50.1 50.1	Units mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.16.2020 10:55 10.16.2020 10:55 10.16.2020 10:55	Flag U U U	1 1 1
Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.1	RL 50.1 50.1 50.1 50.1	Units mg/kg mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.16.2020 10:55 10.16.2020 10:55 10.16.2020 10:55 10.16.2020 10:55 10.16.2020 10:55	Flag U U U U	1 1 1 1

105

%

70-135

84-15-1

o-Terphenyl

.

10.16.2020 10:55

Certificate of Analytical Results 675349

Page 61 of 131

LT Environmental, Inc., Arvada, CO

Poker Lake Unit 21 Bushy Draw 903H

Sample Id: SS03 Lab Sample Id: 675349-004		Matrix: Date Collected	Soil d: 10.15.2020 11:10	Date Received:10.15.2020 16:15 Sample Depth: 0.5 ft
Analytical Method: BTEX by B	EPA 8021B			Prep Method: SW5035A
Tech: MAB Analyst: MAB			10.16.0000.00.00	% Moisture:
Analyst: MAB Seq Number: 3139877		Date Prep:	10.16.2020 09:00	Basis: Wet Weight
bed rumber. Sisser				
Paramatar	Cas Number	Result DI	T Inst	ta Analyzia Data Elag Dil

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.16.2020 13:53	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.16.2020 13:53	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.16.2020 13:53	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	10.16.2020 13:53	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.16.2020 13:53	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.16.2020 13:53	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.16.2020 13:53	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	101	%	70-130	10.16.2020 13:53		
4-Bromofluorobenzene		460-00-4	89	%	70-130	10.16.2020 13:53		

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 675349

LT Environmental, Inc.

Poker Lake Unit 21 Bushy Draw 903H

Analytical Method: Seq Number:	3139862	-	00		Matrix:		DVC			ep Metho Date Pre	p: 10.1	6.2020	
MB Sample Id:	7713392-1-				•	7713392-1				•		3392-1-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	251	100	250	100	90-110	0	20	mg/kg	10.16.2020 11:10	
Analytical Method:	Chloride b	y EPA 3()0						Pr	ep Metho	d: E30	OP	
Seq Number:	3139862				Matrix:					Date Pre	-	6.2020	
Parent Sample Id:	675368-001			MS Sar	nple Id:	675368-00	01 S		MSI	D Sample	Id: 675	368-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		262	199	461	100	456	97	90-110	1	20	mg/kg	10.16.2020 11:43	
Analytical Method:	TPH by SV	V8015 M	od						Pr	ep Metho	d: SW	8015P	
Seq Number:	3139881				Matrix:	Solid				Date Pre	p: 10.1	6.2020	
MB Sample Id:	7713398-1-	BLK		LCS San	nple Id:	7713398-1	I-BKS		LCSI	D Sample	Id: 771	3398-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Parameter Gasoline Range Hydrocarbo	ons (GRO)		-					Limits 70-135	%RPD 14		Units mg/kg	-	Flag
		Result	Amount	Result	%Rec	Result	%Rec			Limit		Date	Flag
Gasoline Range Hydrocarb		Result <50.0 <50.0 MB	Amount 1000 1000 MB	Result 750 891 L	%Rec 75 89 CS	Result 859 1020 LCS	%Rec 86 102 LCSI	70-135 70-135 LCS	14 14 D Li	Limit 35	mg/kg	Date 10.16.2020 10:10 10.16.2020 10:10 Analysis	Flag
Gasoline Range Hydrocarbo Diesel Range Organics (Surrogate		Result <50.0 <50.0 MB %Rec	Amount 1000 1000	Result 750 891 L	%Rec 75 89 CS Rec	Result 859 1020	%Rec 86 102 LCSI %Re	70-135 70-135 D LCS c Fla	14 14 D Li g	Limit 35 35 mits	mg/kg mg/kg Units	Date 10.16.2020 10:10 10.16.2020 10:10	Flag
Gasoline Range Hydrocarbo Diesel Range Organics (Result <50.0 <50.0 MB	Amount 1000 1000 MB	Result 750 891 Ld %	%Rec 75 89 CS	Result 859 1020 LCS	%Rec 86 102 LCSI	70-135 70-135 D LCS c Fla	14 14 D Li g 70	Limit 35 35	mg/kg mg/kg	Date 10.16.2020 10:10 10.16.2020 10:10 Analysis Date	Flag
Gasoline Range Hydrocarbo Diesel Range Organics (Surrogate 1-Chlorooctane		Result <50.0	Amount 1000 1000 MB	Result 750 891 Ld %	%Rec 75 89 CS Rec 99	Result 859 1020 LCS	%Rec 86 102 LCSI %Re 112	70-135 70-135 D LCS c Fla	14 14 D Li g 70	Limit 35 35 mits -135	mg/kg mg/kg Units %	Date 10.16.2020 10:10 10.16.2020 10:10 Analysis Date 10.16.2020 10:10	Flag
Gasoline Range Hydrocarbo Diesel Range Organics (Surrogate 1-Chlorooctane	(DRO)	MB %Rec 88 87	Amount 1000 1000 MB Flag	Result 750 891 Ld %	%Rec 75 89 CS Rec 99	Result 859 1020 LCS	%Rec 86 102 LCSI %Re 112	70-135 70-135 D LCS c Fla	14 14 D Li g 70 70	Limit 35 35 mits -135	mg/kg mg/kg Units % %	Date 10.16.2020 10:10 10.16.2020 10:10 Analysis Date 10.16.2020 10:10	Flag
Gasoline Range Hydrocarb Diesel Range Organics (Surrogate 1-Chlorooctane o-Terphenyl	(DRO)	MB %Rec 88 87	Amount 1000 1000 MB Flag	Result 750 891 L %	%Rec 75 89 CS Rec 99 37 Matrix:	Result 859 1020 LCS Flag	%Rec 86 102 LCSI %Re 112 99	70-135 70-135 D LCS c Fla	14 14 D Li g 70 70 70	Limit 35 35 mits -135 -135 rep Metho Date Pre	mg/kg mg/kg Units % % od: SW p: 10.1	Date 10.16.2020 10:10 10.16.2020 10:10 Analysis Date 10.16.2020 10:10 10.16.2020 10:10 10.16.2020 10:10 8015P 16.2020	Flag
Gasoline Range Hydrocarbo Diesel Range Organics (Surrogate 1-Chlorooctane o-Terphenyl Analytical Method:	(DRO) TPH by SV	Result <50.0 <50.0 MB %Rec 88 87 V8015 M	Amount 1000 1000 MB Flag	Result 750 891 L %	%Rec 75 89 CS Rec 99 37 Matrix:	Result 859 1020 LCS Flag	%Rec 86 102 LCSI %Re 112 99	70-135 70-135 D LCS c Fla	14 14 D Li g 70 70 70	Limit 35 35 mits -135 -135 rep Metho Date Pre	mg/kg mg/kg Units % % od: SW p: 10.1	Date 10.16.2020 10:10 10.16.2020 10:10 Analysis Date 10.16.2020 10:10 10.16.2020 10:10 8015P	Flag
Gasoline Range Hydrocarb Diesel Range Organics (Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: Seq Number:	(DRO) TPH by SV 3139959	Result <50.0 <50.0 MB %Rec 88 87 V8015 M	Amount 1000 1000 MB Flag	Result 750 891 L %	%Rec 75 89 CS Rec 99 37 Matrix:	Result 859 1020 LCS Flag	%Rec 86 102 LCSI %Re 112 99	70-135 70-135 D LCS c Fla	14 14 D Li g 70 70 70	Limit 35 35 mits -135 -135 rep Metho Date Pre	mg/kg mg/kg Units % % od: SW p: 10.1	Date 10.16.2020 10:10 10.16.2020 10:10 Analysis Date 10.16.2020 10:10 10.16.2020 10:10 10.16.2020 10:10 8015P 16.2020	Flag Flag
Gasoline Range Hydrocarb Diesel Range Organics (Surrogate 1-Chlorooctane o-Terphenyl Analytical Method: Seq Number: MB Sample Id:	(DRO) TPH by SV 3139959 7713463-1-	Result <50.0 <50.0 MB %Rec 88 87 V8015 M BLK MB	Amount 1000 1000 MB Flag od	Result 750 891 Ll % 29 8 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10	%Rec 75 89 CS Rec 99 37 Matrix: nple Id: LCS	Result 859 1020 LCS Flag Solid 7713463- LCSD	%Rec 86 102 LCSI %Re 112 99	70-135 70-135 c Fla	14 14 D Li 9 70 70 70 Pr LCSI	Limit 35 35 mits -135 -135 rep Metho Date Pre D Sample RPD	mg/kg mg/kg Units % % ed: SW? ep: 10.1 Id: 771	Date 10.16.2020 10:10 10.16.2020 10:10 Analysis Date 10.16.2020 10:10 10.16.2020 10:10 10.16.2020 10:10 8015P 16.2020 3463-1-BSD Analysis	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	102		118		116		70-135	%	10.16.2020 10:10
o-Terphenyl	100		105		104		70-135	%	10.16.2020 10:10

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference $\label{eq:c-A} \begin{array}{l} [D] = 100^{*}(C\text{-}A) \ / \ B \\ RPD = 200^{*} \ | \ (C\text{-}E) \ / \ (C\text{+}E) \ | \\ [D] = 100^{*} \ (C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$

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

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

.

Page 15 of 20

Xenco

Environment Testing

🔅 eurofins

QC Summary

LT Environmental, Inc.

675349

Poker Lake Unit 21 Bushy Draw 903H

				Poker	Гаке	Unit 21 B	Susny D	raw 903	п				
Analytical Method: Seq Number: MB Sample Id:	TPH by S 3140041 7713508-1		od		Matrix:	Solid 7713508-	1-BKS			rep Metho Date Pro D Sample	ep: 10.	78015P 19.2020 13508-1-BSD	
Parameter	7715500 1	MB	Spike	LCS	LCS	LCSD	LCSD	Limits	%RPD	RPD	Units	Analysis	Flag
		Result	Amount	Result	%Rec	Result	%Rec	70.125		Limit	a	Date	Ting
Gasoline Range Hydrocarbo Diesel Range Organics (<50.0 <50.0	1000 1000	1040 1190	104 119		105 120	70-135 70-135	1 1	35 35	mg/kg mg/kg	10.19.2020 12:11 10.19.2020 12:11	
		МВ	MB	T	CS	LCS	LCC) LCS	D I:	imits	Units	Analysis	
Surrogate		%Rec	Flag		CS Rec	Flag	LCSI %Ree			mints	Units	Date	
1-Chlorooctane		98			25		121			-135	%	10.19.2020 12:11	
o-Terphenyl		102		1	17		121		70	-135	%	10.19.2020 12:11	
Analytical Method:	TPH by S	W8015 M	od						Pr	rep Metho	od: SW	78015P	
Seq Number:	3139881				Matrix:					Date Pr	ep: 10.	16.2020	
					nple Id:	7713398-	I-BLK				.		
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocard	oons (MRO)			<50.0							mg/kg	10.16.2020 09:50	
Analytical Method:	TPH by S	W8015 M	od						Pr	rep Metho	od: SW	/8015P	
Seq Number:	3139959				Matrix:					Date Pr		16.2020	
				MB Sar	nple Id:	7713463-	1-BLK						
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocarl	oons (MRO)			<50.0							mg/kg	10.16.2020 09:50	
Analytical Method:	TPH by S	W8015 M	od						Pr	rep Metho	od: SW	/8015P	
Seq Number:	3140041				Matrix: nple Id:	Solid 7713508-	1-BLK			Date Pro	ep: 10.	19.2020	
Parameter				MB Result							Units	Analysis Date	Flag
Motor Oil Range Hydrocart	oons (MRO)			<50.0							mg/kg	10.19.2020 12:51	
Analytical Method: Seq Number:	TPH by S 3139881	W8015 M	od		Matrix:	Soil			Pr	rep Metho Date Pro		78015P 16.2020	
Parent Sample Id:	675349-00)4		MS Sar	nple Id:	675349-0	04 S		MS		•	5349-004 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		<50.2	1000	853	85		88	70-135	3	35	mg/kg	10.16.2020 11:15	
Diesel Range Organics ((DKO)	<50.2	1000	1030	103	1060	106	70-135	3	35	mg/kg	10.16.2020 11:15	
Surrogate					1S Rec	MS Flag	MSD %Ree			imits	Units	Analysis Date	
1-Chlorooctane					13		112			-135	%	10.16.2020 11:15 10.16.2020 11:15	
o-Terphenyl				1	00		98		/0	-135	%	10.10.2020 11:13	
MS/MSD Percent Recover Relative Percent Differenc LCS/LCSD Recovery Log Difference	e I	[D] = 100 * (0)	(C-E) / (C+E)		(Original	Sample)	A C	CS = Labora = Parent R = MS/LCS = MSD/LC	esult Result		$\mathbf{B} = \mathbf{S}$	Matrix Spike pike Added ISD/LCSD % Rec	

Released to Imaging: 4/20/2021 11:40:22 AM

Log Difference

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

.

Page 16 of 20

eurofins Environment Testing Xenco

QC Summary 675349

LT Environmental, Inc.

Poker Lake Unit 21 Bushy Draw 903H

Analytical Method:TPH bSeq Number:31399:Parent Sample Id:67535				Matrix: ple Id:	Soil 675356-00	99 S			ep Metho Date Pr D Sample	ep: 10.1	8015P 6.2020 356-009 SD	
Parameter	Parent Result A	Spike mount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO	<49.9	998	1080	108	1050	105	70-135	3	35	mg/kg	10.16.2020 19:04	
Diesel Range Organics (DRO)	<49.9	998	1180	118	1140	114	70-135	3	35	mg/kg	10.16.2020 19:04	
Surrogate			M %I		MS Flag	MSD %Ree			mits	Units	Analysis Date	
1-Chlorooctane			13	33		130		70	-135	%	10.16.2020 19:04	
o-Terphenyl			11	14		114		70	-135	%	10.16.2020 19:04	

Analytical Method: Seq Number: Parent Sample Id:	TPH by SV 3140041 675472-002		od		Matrix: nple Id:	Soil 675472-00	02 S			ep Meth Date Pr D Sample	ep: 10.1	8015P 19.2020 472-002 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ons (GRO)	<50.1	1000	1090	109	1050	105	70-135	4	35	mg/kg	10.19.2020 13:32	
Diesel Range Organics ((DRO)	<50.1	1000	1100	110	1190	119	70-135	8	35	mg/kg	10.19.2020 13:32	
Surrogate					IS Rec	MS Flag	MSD %Rec			mits	Units	Analysis Date	
1-Chlorooctane				1	27		123		70	-135	%	10.19.2020 13:32	
o-Terphenyl				1	20		120		70	-135	%	10.19.2020 13:32	

Analytical Method: Seq Number: MB Sample Id:	BTEX by EPA 8021 3139877 7713394-1-BLK	В		Matrix: nple Id:	Solid 7713394-1	I-BKS			rep Metho Date Pr D Sample	ep: 10.1	5035A 16.2020 3394-1-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	0.105	105	70-130	4	35	mg/kg	10.16.2020 09:58	
Toluene	< 0.00200	0.100	0.0975	98	0.103	103	70-130	5	35	mg/kg	10.16.2020 09:58	
Ethylbenzene	< 0.00200	0.100	0.0909	91	0.0956	96	71-129	5	35	mg/kg	10.16.2020 09:58	
m,p-Xylenes	< 0.00400	0.200	0.181	91	0.191	96	70-135	5	35	mg/kg	10.16.2020 09:58	
o-Xylene	< 0.00200	0.100	0.0904	90	0.0948	95	71-133	5	35	mg/kg	10.16.2020 09:58	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene	98		ç	98		97		70	-130	%	10.16.2020 09:58	
4-Bromofluorobenzene	85		8	35		84		70	-130	%	10.16.2020 09:58	

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

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

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

.

Page 17 of 20

Xenco

Environment Testing

🔅 eurofins

QC Summary 675349

LT Environmental, Inc.

Poker Lake Unit 21 Bushy Draw 903H

Analytical Method:	BTEX by EPA 802	B						Р	rep Metho	od: SW	5035A	
Seq Number:	3139877]	Matrix:	Soil				Date Pr	ep: 10.1	6.2020	
Parent Sample Id:	675368-001		MS San	nple Id:	675368-00	01 S		MS	D Sample	e Id: 675	368-001 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	0.126	126	0.0960	96	70-130	27	35	mg/kg	10.16.2020 10:43	
Toluene	< 0.00200	0.0998	0.122	122	0.0932	93	70-130	27	35	mg/kg	10.16.2020 10:43	
Ethylbenzene	< 0.00200	0.0998	0.115	115	0.0871	87	71-129	28	35	mg/kg	10.16.2020 10:43	
m,p-Xylenes	< 0.00399	0.200	0.231	116	0.173	86	70-135	29	35	mg/kg	10.16.2020 10:43	
o-Xylene	< 0.00200	0.0998	0.112	112	0.0863	86	71-133	26	35	mg/kg	10.16.2020 10:43	
Surrogate				IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene			9	96		96		70	-130	%	10.16.2020 10:43	
4-Bromofluorobenzene			8	34		84		70	-130	%	10.16.2020 10:43	

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 18 of 20

>	Dan Moir		nd, TX (432-704-5440) 2-7550) Phoenix,AZ (4 Bill to: (if different)	EL Paso,TX (915)58 180-355-0900) Atlanta Kyle Littrell	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) Bill to: (if different) Kyle Littrell Image: Construction of the second se	WWW.xenco.com Work Order Con	Page (of)
y Name:	LT Environmental, Inc.,	nc., Permian office	Company Name:	XTO Energy		Program: UST/PSTPBD	
Address:	3300 North A Street	1	Address:	3104 East Green Street	n Street	State of Project:	s KRC Duperfund
ate ZIP:	Midland, TX 79705		City, State ZIP:	Carlsbad, NM 88220	3220	Level III	dad
Phone: ((432) 236-3849	Emai	Email: slo@ltenv.com, dmoir@ltenv.com	noir@ltenv.com			E
Project Name:	Poker Lake Unit:	21 Bushy Draw Post T	Turn Around				Other
Project Number:	012920031	R	tine 🖌	_			Work Order Notes
P.O. Number:		Rush:					
Sampler's Name:	Spencer Lo		Due Date:				
SAMPLE RECEIPT	Ţe	Yes No We	Yer No				
Temperature (°C):	1.2/1.0	The					
Received Intact:	(Yes No	T-NM-007		-			
Cooler Custody Seals:	Yes Na	A Correction Factor:	-0.2	0=80			
Sample Custody Seals:	Yes Wo N/A		4	EPA		TAT 8	TAT starts the day received by the lab, if received by 4:30pm
Sample Identification	2	ix Sampled Sampled	Depth	TPH (I BTEX Chlori		8	Sample Comments
SSol	1 10	10.15.20 1050	1. 15.0	XX			
502		10.15.20 100	0.5' 1	t x x			
SS04	15	10-15-20 1120	0.5' 1	x x X			
7203	c	10-15-20 1110	0.5' 1	* * *			
	A		2				
			4				
	-		11				
AM							
	200.8/6020-	1300 ADD8	Toyoo 11 Al				
Circle Method(s) a	Circle Method(s) and Metal(s) to be analyzed	nalyzed TCLP / SPLP	TCLP / SPLP 6010; 8RCRA	Sb As Ba Be B Cd Ca Cr C Sb As Ba Be Cd Cr Co Cu	Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	g SiC)2 Na Sr TI Sn U V Zn 1631 / 245.1 / 7470 / 7471 : Hg
Xenco. A minimum charge	e only for the cost of sam of \$75.00 will be applied t	or sempres constructes a valid pur ples and shall not assume any res o each project and a charge of \$5	chase order from client ponsibility for any losse for each sample submitt	company to Xenco, its a s or expenses incurred red to Xenco, but not an	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 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.	standard terms and conditions roumstances beyond the control ess previously negotiated.	
Relinquished by: (Signature)	Signature)	Received by: (Signature)	e)	Date/Time	Relinquished by: (Signature)	e) Received by: (Signature)	Detertime
	6	Luctiture	10-15	\$15			Dater Title
by 0			-	4 10			

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: 10.15.2020 04.15.00 PM	Air and Metal samples Acc	eptable Range: Ambient
Work Order #: 675349	Temperature Measuring de	evice used : T_NM_007
Sample Rece	ipt Checklist	Comments
#1 *Temperature of cooler(s)?	1	
#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: 10.15.2020

Checklist reviewed by: Jessica Kramer

Date: 10.16.2020

Project Location:

Contact:

eurofins Environment Testing Xenco

012920031

Dan Moir

Eddy County, New Mexico

Certificate of Analysis Summary 676444

LT Environmental, Inc., Arvada, CO

Project Name: PLU 21 Brushy Draw 903H

 Date Received in Lab:
 Fri 10.30.2020 08:48

 Report Date:
 11.17.2020 15:35

Project Manager: Jessica Kramer

	Lab Id:	676444-0	001	676444-0	02	676444-0	003	676444-0	004	676444-0	005	676444-0	06
Analysis Requested	Field Id:	SW01		SW02		SW03		SW04		FS01		FS02	
Anulysis Requested	Depth:	0-2 ft		0-2 ft		0-2 ft		0-2 ft		2- ft		2- ft	
	Matrix:	SOIL		SOIL		SOIL	,	SOIL	,	SOIL		SOIL	
	Sampled:	10.29.2020	12:45	10.29.2020	14:25	10.29.2020	14:30	10.29.2020	14:35	10.29.2020	13:15	10.29.2020	13:20
BTEX by EPA 8021B	Extracted:	10.30.2020	10:00	10.30.2020	10:00	10.30.2020	10:00	10.30.2020	10:00	10.30.2020	10:00	10.30.2020	10:00
	Analyzed:	10.31.2020	00:31	10.31.2020	00:53	10.31.2020	01:15	10.31.2020	01:38	10.31.2020	02:00	10.31.2020	02:22
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00196	0.00196	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00202	0.00202	< 0.00201	0.00201
Toluene		< 0.00196	0.00196	<0.00199	0.00199	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00202	0.00202	< 0.00201	0.00201
Ethylbenzene		< 0.00196	0.00196	<0.00199	0.00199	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00202	0.00202	< 0.00201	0.00201
m,p-Xylenes		< 0.00392	0.00392	<0.00398	0.00398	< 0.00399	0.00399	< 0.00402	0.00402	< 0.00403	0.00403	< 0.00402	0.00402
o-Xylene		< 0.00196	0.00196	<0.00199	0.00199	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00202	0.00202	< 0.00201	0.00201
Total Xylenes		< 0.00196	0.00196	<0.00199	0.00199	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00202	0.00202	< 0.00201	0.00201
Total BTEX		< 0.00196	0.00196	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00202	0.00202	< 0.00201	0.00201
Chloride by EPA 300	Extracted:	11.02.2020	09:32	11.02.2020 09:32		11.02.2020	09:32	11.02.2020	09:32	11.02.2020	09:32	11.02.2020	09:32
	Analyzed:	11.02.2020	12:19	11.02.2020	12:36	11.02.2020	12:41	11.02.2020	12:47	11.02.2020	12:52	11.02.2020	12:58
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		981	10.0	373	9.98	642	9.94	43.5	9.92	797	10.0	781	9.92
TPH by SW8015 Mod	Extracted:	10.30.2020	09:00	10.30.2020	09:00	10.30.2020	09:00	10.30.2020 09:00		10.30.2020 09:00		10.30.2020	09:00
	Analyzed:	10.30.2020	14:27	10.30.2020	15:08	10.30.2020	15:28	10.30.2020	15:48	10.30.2020	16:08	10.30.2020	16:28
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.2	50.2	<50.0	50.0	<49.9	49.9	< 50.2	50.2	<50.1	50.1	<49.8	49.8
Diesel Range Organics (DRO)		<50.2	50.2	<50.0	50.0	<49.9	49.9	<50.2	50.2	<50.1	50.1	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.2	50.2	<50.0	50.0	<49.9	49.9	<50.2	50.2	<50.1	50.1	<49.8	49.8
Total GRO-DRO		<50.2	50.2	<50.0	50.0	<49.9	49.9	<50.2	50.2	<50.1	50.1	<49.8	49.8
Total TPH		<50.2	50.2	<50.0	50.0	<49.9	49.9	<50.2	50.2	<50.1	50.1	<49.8	49.8

BRL - Below Reporting Limit

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

Jession Vramer

Page 1 of 62

Project Location:

Contact:

eurofins Environment Testing Xenco

012920031

Dan Moir

Eddy County, New Mexico

Certificate of Analysis Summary 676444

LT Environmental, Inc., Arvada, CO

Project Name: PLU 21 Brushy Draw 903H

 Date Received in Lab:
 Fri 10.30.2020 08:48

 Report Date:
 11.17.2020 15:35

Project Manager: Jessica Kramer

	Lab Id:	676444-0	007	676444-0	08	676444-0	009	676444-0	010	676444-0	011	676444-0	12
Analysis Requested	Field Id:	FS03		FS04		FS05		FS06		FS07		FS08	
Analysis Kequesieu	Depth:	2- ft		2- ft		2- ft		2- ft		2- ft		2- ft	
	Matrix:	SOIL		SOIL		SOIL	,	SOIL	,	SOIL		SOIL	
	Sampled:	10.29.2020	13:25	10.29.2020	14:55	10.29.2020	15:00	10.29.2020	15:05	10.29.2020	15:20	10.29.2020	15:25
BTEX by EPA 8021B	Extracted:	10.30.2020	10:00	10.30.2020	10:26	10.30.2020	10:26	10.30.2020	10:26	10.30.2020	10:26	10.30.2020	10:26
	Analyzed:	10.31.2020	02:45	10.30.2020	14:11	10.30.2020	14:33	10.30.2020	14:56	10.30.2020	15:18	10.30.2020	15:41
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
Toluene		< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
Ethylbenzene		< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
m,p-Xylenes		< 0.00398	0.00398	< 0.00401	0.00401	< 0.00403	0.00403	< 0.00404	0.00404	< 0.00401	0.00401	< 0.00401	0.00401
o-Xylene		< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
Total Xylenes		< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
Total BTEX		< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200
Chloride by EPA 300	Extracted:	11.02.2020	09:32	11.02.2020	09:32	11.02.2020	09:32	11.02.2020	09:32	11.02.2020	09:32	11.02.2020	09:32
	Analyzed:	11.02.2020	13:03	11.02.2020	14:32	11.02.2020	14:48	11.02.2020	14:54	11.02.2020	14:59	11.02.2020	15:05
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		610	9.98	116	9.92	255	9.96	88.9	9.92	74.9	10.1	47.5	10.1
TPH by SW8015 Mod	Extracted:	10.30.2020	09:00	10.30.2020	09:00	10.30.2020	09:00	10.30.2020 09:00		10.30.2020 09:00		10.30.2020	09:30
	Analyzed:	10.30.2020	16:48	10.30.2020	17:08	10.30.2020	17:28	10.30.2020	17:48	10.30.2020	18:08	10.30.2020	16:08
	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	<50.3	50.3	<50.3	50.3	<49.9	49.9	<50.2	50.2	<50.3	50.3
Diesel Range Organics (DRO)		<50.0	50.0	<50.3	50.3	52.2	50.3	<49.9	49.9	<50.2	50.2	<50.3	50.3
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.3	50.3	<50.3	50.3	<49.9	49.9	<50.2	50.2	<50.3	50.3
Total GRO-DRO		<50.0	50.0	<50.3	50.3	52.2	50.3	<49.9	49.9	<50.2	50.2	<50.3	50.3
Total TPH		<50.0	50.0	<50.3	50.3	52.2	50.3	<49.9	49.9	<50.2	50.2	<50.3	50.3

BRL - Below Reporting Limit

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

Jession Vermer

Page 2 of 62

Project Location:

Contact:

eurofins Environment Testing Xenco

012920031

Dan Moir

Eddy County, New Mexico

Certificate of Analysis Summary 676444

LT Environmental, Inc., Arvada, CO

Project Name: PLU 21 Brushy Draw 903H

 Date Received in Lab:
 Fri 10.30.2020 08:48

 Report Date:
 11.17.2020 15:35

Project Manager: Jessica Kramer

	Lab Id:	676444-0	13	676444-0	14	676444-(015	676444-0	016	676444-0	017	676444-0	18
Analysis Requested	Field Id:	FS09		FS10		FS11		FS12		PH01		PH01A	
Analysis Requested	Depth:	2- ft		2- ft		2- ft		2- ft		1- ft		4- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL	,	SOIL		SOIL	
	Sampled:	10.29.2020	15:30	10.29.2020	15:35	10.29.2020	15:40	10.29.2020	15:45	10.29.2020	09:50	10.29.2020	10:05
BTEX by EPA 8021B	Extracted:	10.30.2020	10:26	10.30.2020	10:26	10.30.2020	10:26	10.30.2020	10:26	10.30.2020	10:26	10.30.2020	10:26
	Analyzed:	10.30.2020	16:03	10.30.2020	16:26	10.30.2020	16:48	10.30.2020	17:10	10.30.2020	17:33	10.30.2020	19:27
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202
Toluene		< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202
Ethylbenzene		< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202
m,p-Xylenes		< 0.00396	0.00396	< 0.00399	0.00399	< 0.00397	0.00397	< 0.00398	0.00398	< 0.00399	0.00399	< 0.00404	0.00404
o-Xylene		< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202
Total Xylenes		< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202
Total BTEX		< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00202	0.00202
Chloride by EPA 300	Extracted:	11.02.2020	09:32	11.02.2020 09:32		11.02.2020	09:32	11.02.2020	09:32	11.02.2020	09:32	11.02.2020	09:32
	Analyzed:	11.02.2020	15:21	11.02.2020 15:27		11.02.2020	15:32	11.02.2020	15:37	11.02.2020	15:43	11.02.2020	15:48
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		592	9.90	44.1	9.94	122	9.98	66.0	10.1	559	10.1	190	49.9
TPH by SW8015 Mod	Extracted:	10.30.2020	09:30	10.30.2020	09:30	10.30.2020	09:30	10.30.2020 09:30		10.30.2020 09:30		10.30.2020	09:30
	Analyzed:	10.30.2020	16:28	10.30.2020	16:48	10.30.2020	17:08	10.30.2020	17:28	10.30.2020	18:08	10.30.2020	17:48
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.2	50.2	<50.2	50.2	<50.3	50.3	<50.0	50.0	<49.8	49.8	<50.1	50.1
Diesel Range Organics (DRO)		54.4	50.2	<50.2	50.2	<50.3	50.3	<50.0	50.0	1150	49.8	<50.1	50.1
Motor Oil Range Hydrocarbons (MRO)		<50.2	50.2	<50.2	50.2	<50.3	50.3	<50.0	50.0	<49.8	49.8	<50.1	50.1
Total GRO-DRO		54.4	50.2	<50.2	50.2	<50.3	50.3	<50.0	50.0	1150	49.8	<50.1	50.1
Total TPH		54.4	50.2	<50.2	50.2	<50.3	50.3	<50.0	50.0	1150	49.8	<50.1	50.1

BRL - Below Reporting Limit

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

Jession Vramer

Page 3 of 62

Project Location:

Contact:

eurofins Environment Testing Xenco

012920031

Dan Moir

Eddy County, New Mexico

Certificate of Analysis Summary 676444

LT Environmental, Inc., Arvada, CO

Project Name: PLU 21 Brushy Draw 903H

 Date Received in Lab:
 Fri 10.30.2020 08:48

 Report Date:
 11.17.2020 15:35

Project Manager: Jessica Kramer

	Lab Id:	676444-0	19	676444-02	20	676444-0	021	676444-0	022		
Analysis Requested	Field Id:	PH02		PH02A		PH03		PH03A			
Analysis Kequestea	Depth:	1- ft		4- ft		1- ft		4- ft			
	Matrix:	SOIL		SOIL		SOIL		SOIL	,		
	Sampled:	10.29.2020	10:25	10.29.2020	10:40	10.29.2020	11:00	10.29.2020	12:45		
BTEX by EPA 8021B	Extracted:	10.30.2020	10:26	10.30.2020	10:26	10.30.2020	10:26	10.30.2020	10:26		
	Analyzed:	10.30.2020	19:50	10.30.2020 2	20:12	10.30.2020	20:35	10.30.2020	20:57		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Benzene		< 0.00200	0.00200	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198		
Toluene		< 0.00200	0.00200	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198		
Ethylbenzene		< 0.00200	0.00200	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198		
m,p-Xylenes		< 0.00401	0.00401	< 0.00396	0.00396	< 0.00400	0.00400	< 0.00397	0.00397		
o-Xylene		< 0.00200	0.00200	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198		
Total Xylenes		< 0.00200	0.00200	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198		
Total BTEX		< 0.00200	0.00200	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00198	0.00198		
Chloride by EPA 300	Extracted:	11.02.2020	09:32	11.02.2020 (09:32	11.02.2020	09:32	11.02.2020	09:32		
	Analyzed:	11.02.2020	16:05	11.02.2020	16:10	11.02.2020	16:27	11.02.2020	16:32		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Chloride		496	10.1	18.9	9.96	174	9.98	108	50.3		
TPH by SW8015 Mod	Extracted:	11.02.2020	16:30	11.02.2020	16:30	11.02.2020	16:30	11.02.2020	16:30		
	Analyzed:	11.02.2020	22:39	11.02.2020 2	22:59	11.02.2020	23:39	11.02.2020	23:59		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<50.2	50.2	<50.1	50.1	<50.0	50.0	<50.2	50.2		
Diesel Range Organics (DRO)		<50.2	50.2	<50.1	50.1	<50.0	50.0	<50.2	50.2		
Motor Oil Range Hydrocarbons (MRO)		<50.2	50.2	<50.1	50.1	<50.0	50.0	<50.2	50.2		
Total GRO-DRO		<50.2	50.2	<50.1	50.1	<50.0	50.0	<50.2	50.2		
Total TPH		<50.2	50.2	<50.1	50.1	<50.0	50.0	<50.2	50.2		

BRL - Below Reporting Limit

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

Jession VRAMER

Page 4 of 62


Analytical Report 676444

for

LT Environmental, Inc.

Project Manager: Dan Moir

PLU 21 Brushy Draw 903H

012920031

11.17.2020

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) eurofins Environment Testing Xenco

11.17.2020

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

Reference: Eurofins Xenco, LLC Report No(s): 676444 PLU 21 Brushy Draw 903H Project Address: Eddy County, New Mexico

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) 676444. 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. 676444 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 6 of 62

Sample Cross Reference 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SW01	S	10.29.2020 12:45	0 - 2 ft	676444-001
SW02	S	10.29.2020 14:25	0 - 2 ft	676444-002
SW03	S	10.29.2020 14:30	0 - 2 ft	676444-003
SW04	S	10.29.2020 14:35	0 - 2 ft	676444-004
FS01	S	10.29.2020 13:15	2 ft	676444-005
FS02	S	10.29.2020 13:20	2 ft	676444-006
FS03	S	10.29.2020 13:25	2 ft	676444-007
FS04	S	10.29.2020 14:55	2 ft	676444-008
FS05	S	10.29.2020 15:00	2 ft	676444-009
FS06	S	10.29.2020 15:05	2 ft	676444-010
FS07	S	10.29.2020 15:20	2 ft	676444-011
FS08	S	10.29.2020 15:25	2 ft	676444-012
FS09	S	10.29.2020 15:30	2 ft	676444-013
FS10	S	10.29.2020 15:35	2 ft	676444-014
FS11	S	10.29.2020 15:40	2 ft	676444-015
FS12	S	10.29.2020 15:45	2 ft	676444-016
PH01	S	10.29.2020 09:50	1 ft	676444-017
PH01A	S	10.29.2020 10:05	4 ft	676444-018
PH02	S	10.29.2020 10:25	1 ft	676444-019
PH02A	S	10.29.2020 10:40	4 ft	676444-020
PH03	S	10.29.2020 11:00	1 ft	676444-021
PH03A	S	10.29.2020 12:45	4 ft	676444-022

Environment Testing Xenco

CASE NARRATIVE

Client Name: LT Environmental, Inc. Project Name: PLU 21 Brushy Draw 903H

 Project ID:
 012920031

 Work Order Number(s):
 676444

Report Date: 11.17.2020 Date Received: 10.30.2020

Sample receipt non conformances and comments:

V1.001 Revision - updated project name

Sample receipt non conformances and comments per sample:

None

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: SW01 Lab Sample Id: 676444-001		Matrix: Date Collec	Soil eted: 10.29.2020 12:45		Date Received: Sample Depth:	48	
Analytical Method: Chloride by EP	A 300				Prep Method:	E300P	
Tech: MAB							
Analyst: MAB		Date Prep:	11.02.2020 09:32		% Moisture: Basis:	Wet Weight	
Seq Number: 3141203					Dusis.	Wet Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Dat	te Flag	Dil
Chloride	16887-00-6	981	10.0	mg/kg	11.02.2020 12:	:19	1
Analytical Method:TPH by SW801Tech:MABAnalyst:CACSeq Number:3141112	15 Mod	Date Prep:	10.30.2020 09:00		Prep Method: % Moisture: Basis:	SW8015P Wet Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number		10.30.2020 09:00 RL	Units	% Moisture:	Wet Weight	Dil
Tech:MABAnalyst:CACSeq Number:3141112				Units mg/kg	% Moisture: Basis:	Wet Weight te Flag	Dil 1
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter	Cas Number	Result	RL		% Moisture: Basis: Analysis Dat	Wet Weight te Flag :27 U	
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result 50.2	RL 50.2	mg/kg	% Moisture: Basis: Analysis Dat	Wet Weight te Flag :27 U :27 U	
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result 50.2	RL 50.2 50.2	mg/kg mg/kg	 % Moisture: Basis: Analysis Date 10.30.2020 14: 10.30.2020 14: 	Wet Weight te Flag :27 U :27 U :27 U	1

Iotal IPH	PHC055	<50.	.2 30.2		mg/kg	10.30.2020 14:27	U	
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	126	%	70-135	10.30.2020 14:27		
o-Terphenyl		84-15-1	116	%	70-135	10.30.2020 14:27		

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id:SW01Lab Sample Id:676444-001	Matrix: Date Collecte	Soil ed: 10.29.2020 12:45	Date Receive Sample Depth	d:10.30.2020 08:48 n:0 - 2 ft
Analytical Method: BTEX by EPA 8021B Tech: MAB			Prep Method:	SW5035A
Analyst: MAB	Date Prep:	10.30.2020 10:00	% Moisture:	
Seq Number: 3141116			Basis:	Wet Weight

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00196	0.00196		mg/kg	10.31.2020 00:31	U	1
Toluene	108-88-3	< 0.00196	0.00196		mg/kg	10.31.2020 00:31	U	1
Ethylbenzene	100-41-4	< 0.00196	0.00196		mg/kg	10.31.2020 00:31	U	1
m,p-Xylenes	179601-23-1	< 0.00392	0.00392		mg/kg	10.31.2020 00:31	U	1
o-Xylene	95-47-6	< 0.00196	0.00196		mg/kg	10.31.2020 00:31	U	1
Total Xylenes	1330-20-7	< 0.00196	0.00196		mg/kg	10.31.2020 00:31	U	1
Total BTEX		<0.00196	0.00196		mg/kg	10.31.2020 00:31	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	88	%	70-130	10.31.2020 00:31		
1,4-Difluorobenzene		540-36-3	101	%	70-130	10.31.2020 00:31		

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: Lab Sample Id	SW02 1: 676444-002		Matrix: Date Collect	Soil ted: 10.29.2020 14:25		Date Received:10.30.2020 08:48 Sample Depth: 0 - 2 ft			
Analytical Me	thod: Chloride by EP	A 300				Prep Method: E30	0P		
Tech:	MAB								
Analyst:	MAB		Date Prep:	Date Prep: 11.02.2020 09:32		% Moisture: Basis: Wet Weight			
Seq Number:	3141203					Dasis. Wet	weight		
Parameter		Cas Number	Result I	RL	Units	Analysis Date	Flag	Dil	
Chloride		16887-00-6	373	9.98	mg/kg	11.02.2020 12:36		1	
Analytical Me	thod: TPH by SW80	15 Mod				Prep Method: SW	8015P		
Tech:	MAB								
Analyst:	CAC		Date Prep:	10.30.2020 09:00		% Moisture: Basis: Wet	Weight		
Seq Number:	3141112					Dasis. Wel	weight		
Parameter		Cas Number	Result I	RL	Units	Analysis Date	Flag	Dil	
		DUCCIO	-50.0	50.0	л	10 20 2020 15 00	TT	1	

PHC610	<50.0) 50.0		mg/kg	10.30.2020 15:08	U	1
C10C28DRO	<50.0	50.0		mg/kg	10.30.2020 15:08	U	1
PHCG2835	<50.0	50.0		mg/kg	10.30.2020 15:08	U	1
PHC628	<50.0	50.0		mg/kg	10.30.2020 15:08	U	1
PHC635	<50.0	50.0		mg/kg	10.30.2020 15:08	U	1
	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
	111-85-3	124	%	70-135	10.30.2020 15:08	_	
	84-15-1	125	%	70-135	10.30.2020 15:08		
	C10C28DRO PHCG2835 PHC628	C10C28DRO <50.0 PHCG2835 <50.0 PHC628 <50.0 PHC635 <50.0 Cas Number 111-85-3	C10C28DRO <50.0				

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id:	SW02	Matrix:	Soil	Date Received	l:10.30.2020 08:48
Lab Sample Id	l: 676444-002	Date Collected	l: 10.29.2020 14:25	Sample Depth	: 0 - 2 ft
Analytical Me Tech: Analyst: Seq Number:	thod: BTEX by EPA 8021B MAB MAB 3141116	Date Prep:	10.30.2020 10:00	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	10.31.2020 00:53	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	10.31.2020 00:53	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	10.31.2020 00:53	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	10.31.2020 00:53	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	10.31.2020 00:53	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	10.31.2020 00:53	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	10.31.2020 00:53	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	89	%	70-130	10.31.2020 00:53		
1,4-Difluorobenzene		540-36-3	100	%	70-130	10.31.2020 00:53		

🔅 eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: SW03 Lab Sample Id: 676444-003		Matrix: Date Colle	Soil cted: 10.29.2020 14:30		Date Received:10.3 Sample Depth: 0 - 2		:48
Analytical Method: Chloride by EP	PA 300				Prep Method: E300	OP	
Tech: MAB							
Analyst: MAB		Date Prep:	11.02.2020 09:32		% Moisture: Basis: Wet	W:-1-4	
Seq Number: 3141203		-			Dasis. wet	Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	642	9.94	mg/kg	11.02.2020 12:41		1
Analytical Method: TPH by SW80	15 Mod				Pren Method: SW8	8015P	
Analytical Method: TPH by SW80 Tech: MAB Analyst: CAC Seq Number: 3141112		Date Prep:				Weight	
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter	Cas Number	Result	RL	Units	% Moisture: Basis: Wet Analysis Date	Weight Flag	Dil
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <49.9	RL 49.9	Units mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 15:28	Weight Flag U	Dil
Tech:MABAnalyst:CACSeq Number:3141112ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <49.9 <49.9	RL 49.9 49.9	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 15:28 10.30.2020 15:28	Weight Flag U U	1 1
Tech: MAB Analyst: CAC Seq Number: 3141112 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	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 15:28 10.30.2020 15:28 10.30.2020 15:28	Weight Flag U U U	1 1 1
Tech:MABAnalyst:CACSeq Number:3141112ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)Total GRO-DRO	Cas Number PHC610 C10C28DRO PHCG2835 PHC628	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9 49.9 49.9	Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 15:28 10.30.2020 15:28 10.30.2020 15:28 10.30.2020 15:28	Weight Flag U U U U U	1 1 1 1
Tech: MAB Analyst: CAC Seq Number: 3141112 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	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 15:28 10.30.2020 15:28 10.30.2020 15:28	Weight Flag U U U	1 1 1
Tech:MABAnalyst:CACSeq Number:3141112ParameterGasoline 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	Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 15:28 10.30.2020 15:28 10.30.2020 15:28 10.30.2020 15:28 10.30.2020 15:28 10.30.2020 15:28	Weight Flag U U U U U	1 1 1 1

84-15-1

%

129

70-135

10.30.2020 15:28

o-Terphenyl

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id:SW03Lab Sample Id:676444-003	Matrix: Date Collecte	Soil d: 10.29.2020 14:30	Date Received Sample Depth	l:10.30.2020 08:48 :: 0 - 2 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3141116	Date Prep:	10.30.2020 10:00	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	10.31.2020 01:15	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.31.2020 01:15	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.31.2020 01:15	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	10.31.2020 01:15	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.31.2020 01:15	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.31.2020 01:15	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.31.2020 01:15	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	93	%	70-130	10.31.2020 01:15		
1,4-Difluorobenzene		540-36-3	103	%	70-130	10.31.2020 01:15		

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: SW04 Lab Sample Id: 676444-004		Matrix: Date Collec	Soil eted: 10.29.2020 14:35		Date Received:10.3 Sample Depth: 0 - 2		:48
Analytical Method: Chloride by EP	PA 300				Prep Method: E30	00P	
Tech: MAB					% Moisture:		
Analyst: MAB		Date Prep:	11.02.2020 09:32		/	t Weight	
Seq Number: 3141203						e vi eight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	43.5	9.92	mg/kg	11.02.2020 12:47		1
Analytical Method: TPH by SW80 Tech: MAB Analyst: CAC Seq Number: 3141112	15 Mod	Date Prep:	10.30.2020 09:00		Prep Method: SW % Moisture: Basis: Wet	8015P t Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number		10.30.2020 09:00 RL	Units	% Moisture:		Dil
Tech:MABAnalyst:CACSeq Number:3141112				Units mg/kg	% Moisture: Basis: Wet	t Weight	Dil 1
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter	Cas Number	Result]	RL		% Moisture: Basis: Wet Analysis Date	t Weight Flag	
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result	RL 50.2	mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 15:48	t Weight Flag U	
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.2 <50.2	RL 50.2 50.2	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 15:48 10.30.2020 15:48	t Weight Flag U U	1

otal IPH	PHC635	<50.	2 50.2		mg/kg	10.30.2020 15:48	U
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane		111-85-3	124	%	70-135	10.30.2020 15:48	
o-Terphenyl		84-15-1	125	%	70-135	10.30.2020 15:48	

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: SW04	Matrix:	Soil	Date Received:10.30.2020 08:48		
Lab Sample Id: 676444-004	Date Collecte	ed: 10.29.2020 14:35	Sample Depth: 0 - 2 ft		
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3141116	Date Prep:	10.30.2020 10:00	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	10.31.2020 01:38	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	10.31.2020 01:38	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	10.31.2020 01:38	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	10.31.2020 01:38	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	10.31.2020 01:38	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	10.31.2020 01:38	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	10.31.2020 01:38	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	105	%	70-130	10.31.2020 01:38		
4-Bromofluorobenzene		460-00-4	89	%	70-130	10.31.2020 01:38		

eurofins Environment Testing

Xenco

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS01 Lab Sample Id: 676444-005		Matrix: Date Collect	Soil ed: 10.29.2020 13:15		Date Received:10.30 Sample Depth: 2 ft	0.2020 08:	48
Analytical Method: Chloride by EP	A 300				Prep Method: E300)P	
Tech:MABAnalyst:MABSeq Number:3141203		Date Prep:	11.02.2020 09:32		% Moisture: Basis: Wet	Weight	
Parameter	Cas Number	Result F	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	797	10.0	mg/kg	11.02.2020 12:52		1
Analytical Method: TPH by SW801 Tech: MAB Analyst: CAC Seq Number: 3141112	5 Mod	Date Prep:	10.30.2020 09:00		Prep Method: SW8 % Moisture: Basis: Wet	3015P Weight	
Parameter	Cas Number	Result F	RL	Units	Analysis Date	Flag	Dil

					0	111111/010 20100	B	2.1
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.	1 50.1		mg/kg	10.30.2020 16:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.	1 50.1		mg/kg	10.30.2020 16:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.	1 50.1		mg/kg	10.30.2020 16:08	U	1
Total GRO-DRO	PHC628	<50.	1 50.1		mg/kg	10.30.2020 16:08	U	1
Total TPH	PHC635	<50.	1 50.1		mg/kg	10.30.2020 16:08	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	126	%	70-135	10.30.2020 16:08		
o-Terphenyl		84-15-1	129	%	70-135	10.30.2020 16:08		

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS01	Matrix:	Soil	Date Received	d:10.30.2020 08:48
Lab Sample Id: 676444-005	Date Collecte	ed: 10.29.2020 13:15	Sample Depth	n: 2 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3141116	Date Prep:	10.30.2020 10:00	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	10.31.2020 02:00	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	10.31.2020 02:00	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	10.31.2020 02:00	U	1
m,p-Xylenes	179601-23-1	< 0.00403	0.00403		mg/kg	10.31.2020 02:00	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	10.31.2020 02:00	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	10.31.2020 02:00	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	10.31.2020 02:00	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	101	%	70-130	10.31.2020 02:00		
4-Bromofluorobenzene		460-00-4	91	%	70-130	10.31.2020 02:00		

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS02 Lab Sample Id: 676444-006		Matrix: Date Collec	Soil eted: 10.29.2020 13:20		Date Received:1 Sample Depth: 2		:48
Analytical Method: Chloride by EP	A 300				Prep Method: E	E300P	
Tech: MAB							
Analyst: MAB		Date Prep:	11.02.2020 09:32		% Moisture: Basis: V	Wat Waight	
Seq Number: 3141203					Dasis.	Wet Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	e Flag	Dil
Chloride	16887-00-6	781	9.92	mg/kg	11.02.2020 12:5	58	1
Analytical Method: TPH by SW80	15 Mod				Prep Method: S	SW8015P	
Analytical Method: TPH by SW80 Tech: MAB	15 Mod					SW8015P	
5	15 Mod	Date Prep:	10.30.2020 09:00		% Moisture:		
Tech: MAB	15 Mod	Date Prep:	10.30.2020 09:00		% Moisture:	SW8015P Wet Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number	Ĩ	10.30.2020 09:00 RL	Units	% Moisture:	Wet Weight	Dil
Tech: MAB Analyst: CAC Seq Number: 3141112		Ĩ		Units mg/kg	% Moisture: Basis: V	Wet Weight e Flag	Dil 1
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter	Cas Number	Result	RL		 Moisture: Basis: V Analysis Date 	Wet Weight e Flag 28 U	

Total GRO-DRO Total TPH	PHC628 PHC635	<49. <49.			mg/kg mg/kg	10.30.2020 16:28 10.30.2020 16:28	U U	1 1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	132	%	70-135	10.30.2020 16:28		
o-Terphenyl		84-15-1	116	%	70-135	10.30.2020 16:28		

Environment Test Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

1	Sample Id:FS02Lab Sample Id:676444-006		Soil 1: 10.29.2020 13:20	Date Received:10.30.2020 08:48 Sample Depth: 2 ft		
-	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A	
Tech:	MAB			% Moisture:		
Analyst:	MAB	Date Prep:	10.30.2020 10:00	Basis:	Wet Weight	
Seq Number:	3141116			Dusis.	wet weight	

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	10.31.2020 02:22	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	10.31.2020 02:22	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	10.31.2020 02:22	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	10.31.2020 02:22	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	10.31.2020 02:22	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	10.31.2020 02:22	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	10.31.2020 02:22	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	103	%	70-130	10.31.2020 02:22		
4-Bromofluorobenzene		460-00-4	89	%	70-130	10.31.2020 02:22		

Xenco

Motor Oil Range Hydrocarbons (MRO)

Total GRO-DRO

Surrogate

o-Terphenyl

1-Chlorooctane

Total TPH

PHCG2835

PHC628

PHC635

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS03 Lab Sample Id: 676444-007		Matrix: Date Collec	Soil cted: 10.29.2020 13:25		Date Received:10.30.2020 08:44 Sample Depth: 2 ft		:48
Analytical Method: Chloride by EF	PA 300				Prep Method: H	E300P	
Tech: MAB							
Analyst: MAB		Date Prep:	11.02.2020 09:32		% Moisture:	X7 / XX7 * 1 /	
Seq Number: 3141203		Ĩ			Basis: V	Wet Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	e Flag	Dil
Chloride	16887-00-6	610	9.98	mg/kg	11.02.2020 13:0)3	1
Analytical Method: TPH by SW80	15 Mod				Prep Method: S	SW8015P	
Tech: MAB					0/ 3.5 * /		
Analyst: CAC		Date Prep:	10.30.2020 09:00		% Moisture: Basis: V	Wet Weight	
Seq Number: 3141112					Dasis.	wet weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	e Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.30.2020 16:4	48 U	1

< 50.0

< 50.0

< 50.0

Cas Number

111-85-3

84-15-1

50.0

50.0

50.0

% Recovery

129

132

mg/kg

mg/kg

mg/kg

Limits

70-135

70-135

Units

%

%

10.30.2020 16:48

10.30.2020 16:48

10.30.2020 16:48

Analysis Date

10.30.2020 16:48

10.30.2020 16:48

U

U

U

Flag

1

1

1

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: Lab Sample I	Sample Id: FS03 Lab Sample Id: 676444-007		Soil d: 10.29.2020 13:25	Date Received:10.30.2020 08:48 Sample Depth: 2 ft		
2	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A	
Tech:	MAB			% Moisture:		
Analyst:	MAB	Date Prep:	10.30.2020 10:00	Basis:	Wet Weight	
Seq Number:	3141116			Dusis	wet weight	

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	10.31.2020 02:45	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	10.31.2020 02:45	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	10.31.2020 02:45	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	10.31.2020 02:45	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	10.31.2020 02:45	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	10.31.2020 02:45	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	10.31.2020 02:45	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	92	%	70-130	10.31.2020 02:45		
1,4-Difluorobenzene		540-36-3	102	%	70-130	10.31.2020 02:45		

eurofins Environment Testing

Environment Test Xenco

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS04 Lab Sample Id: 676444-008		Matrix: Date Collec	Soil cted: 10.29.2020 14:55		Date Received:10.3 Sample Depth: 2 ft	0.2020 08:	:48
Analytical Method: Chloride by EI	PA 300				Prep Method: E30	0P	
Tech: MAB							
Analyst: MAB		Date Prep:	11.02.2020 09:32		% Moisture:		
Seq Number: 3141204		1			Basis: Wet	Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	116	9.92	mg/kg	11.02.2020 14:32		1
Analytical Method: TPH by SW80	15 Mod				Prep Method: SW8	8015P	
Analytical Method: TPH by SW80 Tech: MAB Analyst: CAC Seq Number: 3141112	915 Mod	Date Prep:	10.30.2020 09:00		% Moisture:	8015P Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number	Ĩ	10.30.2020 09:00 RL	Units	% Moisture:		Dil
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter		Ĩ		Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610	Result <50.3	RL 50.3	mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 17:08	Weight Flag U	
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO	Result <50.3 <50.3	RL 50.3 50.3	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 17:08 10.30.2020 17:08	Weight Flag U U	1 1
Tech: MAB Analyst: CAC Seq Number: 3141112	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.3	RL 50.3 50.3 50.3	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 17:08 10.30.2020 17:08 10.30.2020 17:08	Weight Flag U U U	1 1 1

128

133

%

%

70-135

70-135

10.30.2020 17:08

10.30.2020 17:08

111-85-3

84-15-1

1-Chlorooctane

o-Terphenyl

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: Lab Sample I	Sample Id: FS04 Lab Sample Id: 676444-008		Soil l: 10.29.2020 14:55	Date Received:10.30.2020 08:48 Sample Depth: 2 ft		
	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A	
Tech:	MAB			% Moisture:		
Analyst:	MAB	Date Prep:	10.30.2020 10:26	Basis:	Wet Weight	
Seq Number:	3141118				ther thought	

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.30.2020 14:11	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.30.2020 14:11	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.30.2020 14:11	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	10.30.2020 14:11	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.30.2020 14:11	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.30.2020 14:11	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.30.2020 14:11	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	119	%	70-130	10.30.2020 14:11		
1,4-Difluorobenzene		540-36-3	107	%	70-130	10.30.2020 14:11		

Environment Tes Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS05 Lab Sample Id: 676444-009		Matrix: Date Col	Soil lected: 10.29.2020 15:00		Date Received:10.30 Sample Depth: 2 ft	0.2020 08:	48
Analytical Method: Chloride by EF	PA 300				Prep Method: E300	P	
Tech: MAB							
Analyst: MAB		Date Prep	p: 11.02.2020 09:32		% Moisture: Basis: Wet	X 7 · 1 /	
Seq Number: 3141204			-		Dasis: wet	Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	255	9.96	mg/kg	11.02.2020 14:48		1
Tech:MABAnalyst:CACSeq Number:3141112		Date Prep	p: 10.30.2020 09:00		% Moisture: Basis: Wet	Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
	Cas Number PHC610	Result <50.3	RL 50.3	Units mg/kg	Analysis Date 10.30.2020 17:28	Flag U	Dil 1
Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)					•	8	
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.3	50.3	mg/kg	10.30.2020 17:28	8	1
Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	PHC610 C10C28DRO	<50.3 52.2	50.3 50.3	mg/kg mg/kg	10.30.2020 17:28 10.30.2020 17:28	U	1
Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	PHC610 C10C28DRO PHCG2835	<50.3 52.2 <50.3	50.3 50.3 50.3	mg/kg mg/kg mg/kg	10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28	U	1 1 1
Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	PHC610 C10C28DRO PHCG2835 PHC628 PHC635	<50.3 52.2 <50.3 52.2 52.2 52.2	50.3 50.3 50.3 50.3	mg/kg mg/kg mg/kg mg/kg	10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28	U	1 1 1 1
Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO Total TPH	PHC610 C10C28DRO PHCG2835 PHC628 PHC635 C	<50.3 52.2 <50.3 52.2 52.2 52.2	50.3 50.3 50.3 50.3 50.3 50.3	mg/kg mg/kg mg/kg mg/kg mg/kg	10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28	U	1 1 1 1

130

%

70-135

84-15-1

o-Terphenyl

.

10.30.2020 17:28

Environment Test Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: Lab Sample	Sample Id: FS05 Lab Sample Id: 676444-009		Soil 1: 10.29.2020 15:00	Date Received:10.30.2020 08:48 Sample Depth: 2 ft		
•	lethod: BTEX by EPA 8021B			Prep Method:	SW5035A	
Tech:	MAB			0/ Maintana		
Analyst:	MAB	Date Prep:	10.30.2020 10:26	% Moisture: Basis:	Wet Weight	
Seq Number	3141118			Da313.	wei weight	

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	10.30.2020 14:33	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	10.30.2020 14:33	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	10.30.2020 14:33	U	1
m,p-Xylenes	179601-23-1	< 0.00403	0.00403		mg/kg	10.30.2020 14:33	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	10.30.2020 14:33	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	10.30.2020 14:33	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	10.30.2020 14:33	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	106	%	70-130	10.30.2020 14:33		
4-Bromofluorobenzene		460-00-4	118	%	70-130	10.30.2020 14:33		

🔅 eurofins Environment Testing

Xenco

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS06 Lab Sample Id: 676444-010		Matrix: Date Collec	Soil cted: 10.29.2020 15:05		Date Received:10.30.2020 08:48 Sample Depth: 2 ft		
Analytical Method: Chloride by EP	A 300				Prep Method: E	E300P	
Tech: MAB							
Analyst: MAB		Date Prep:	11.02.2020 09:32		% Moisture: Basis: W	Vet Weight	
Seq Number: 3141204					Dusis.	vet weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	88.9	9.92	mg/kg	11.02.2020 14:54	4	1
Analytical Method:TPH by SW801Tech:MABAnalyst:CACSeq Number:3141112	5 Mod	Date Prep:	10.30.2020 09:00		Prep Method: S' % Moisture: Basis: W	W8015P Vet Weight	
Tech: MAB Analyst: CAC	5 Mod Cas Number	Ĩ	10.30.2020 09:00 RL	Units	% Moisture:	Vet Weight	Dil
Tech: MAB Analyst: CAC Seq Number: 3141112		Ĩ		Units mg/kg	% Moisture: Basis: W	Vet Weight e Flag	Dil 1
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter	Cas Number	Result	RL		 Moisture: Basis: W Analysis Date 	Vet Weight • Flag 8 U	
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <49.9	RL 49.9	mg/kg	% Moisture: Basis: W Analysis Date	Vet Weight • Flag 8 U 8 U	
Tech: MAB Analyst: CAC Seq Number: 3141112 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <49.9 <49.9	RL 49.9 49.9	mg/kg mg/kg	% Moisture: Basis: W Analysis Date 10.30.2020 17:48 10.30.2020 17:48	Vet Weight • Flag 8 U 8 U 8 U 8 U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	126	%	70-135	10.30.2020 17:48	
o-Terphenyl	84-15-1	128	%	70-135	10.30.2020 17:48	

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

I I I I I I I I I I I I I I I I I I I	Sample Id: FS06 Lab Sample Id: 676444-010		Soil : 10.29.2020 15:05	Date Received:10.30.2020 08:48 Sample Depth: 2 ft		
5	BTEX by EPA 8021B			Prep Method:	SW5035A	
Tech: MAE				% Moisture:		
Analyst: MAE		Date Prep:	10.30.2020 10:26	Basis:	Wet Weight	
Seq Number: 3141	118				U	

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	10.30.2020 14:56	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	10.30.2020 14:56	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	10.30.2020 14:56	U	1
m,p-Xylenes	179601-23-1	< 0.00404	0.00404		mg/kg	10.30.2020 14:56	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	10.30.2020 14:56	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	10.30.2020 14:56	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	10.30.2020 14:56	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	105	%	70-130	10.30.2020 14:56		
4-Bromofluorobenzene		460-00-4	115	%	70-130	10.30.2020 14:56		

Xenco

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: Lab Sample Id	FS07 d: 676444-011		Matrix: Date Collecte	Soil ed: 10.29.2020 15:20		Date Received Sample Depth:	:10.30.2020 08 2 ft	:48
Analytical Me Tech:	ethod: Chloride by EPA MAB	300				Prep Method:	E300P	
Analyst: Seq Number:	MAB		Date Prep:	11.02.2020 09:32		% Moisture: Basis:	Wet Weight	
Parameter		Cas Number	Result R	L	Units	Analysis Da	te Flag	Dil
Chloride		16887-00-6	74.9	10.1	mg/kg	11.02.2020 14	:59	1
Analytical Me Tech: Analyst: Seq Number:	ethod: TPH by SW8015 MAB CAC 3141112	Mod	Date Prep:	10.30.2020 09:00		Prep Method: % Moisture: Basis:	SW8015P Wet Weight	

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.2	50.2		mg/kg	10.30.2020 18:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.2	50.2		mg/kg	10.30.2020 18:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.2	50.2		mg/kg	10.30.2020 18:08	U	1
Total GRO-DRO	PHC628	<50.2	50.2		mg/kg	10.30.2020 18:08	U	1
Total TPH	PHC635	<50.2	50.2		mg/kg	10.30.2020 18:08	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	128	%	70-135	10.30.2020 18:08		
o-Terphenyl		84-15-1	129	%	70-135	10.30.2020 18:08		

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS07	Matrix:	Soil	Date Received	d:10.30.2020 08:48
Lab Sample Id: 676444-011	Date Collecte	d: 10.29.2020 15:20	Sample Depth	n: 2 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3141118	Date Prep:	10.30.2020 10:26	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	10.30.2020 15:18	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.30.2020 15:18	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.30.2020 15:18	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	10.30.2020 15:18	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.30.2020 15:18	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.30.2020 15:18	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.30.2020 15:18	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	113	%	70-130	10.30.2020 15:18		
1,4-Difluorobenzene		540-36-3	97	%	70-130	10.30.2020 15:18		

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS08 Lab Sample Id: 676444-012		Matrix: Date Collec	Soil eted: 10.29.2020 15:25		Date Received:10.3 Sample Depth: 2 ft		:48
Analytical Method: Chloride by EF	PA 300				Prep Method: E30)0P	
Tech: MAB							
Analyst: MAB		Date Prep:	11.02.2020 09:32		% Moisture: Basis: We	t Waiaht	
Seq Number: 3141204					Dasis. we	t Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	47.5	10.1	mg/kg	11.02.2020 15:05		1
Analytical Method:TPH by SW80Tech:MABAnalyst:CACSeq Number:3141114	15 Mod	Date Prep:	10.30.2020 09:30		Prep Method: SW % Moisture: Basis: We	78015P t Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number	·	10.30.2020 09:30 RL	Units	% Moisture:		Dil
Tech: MAB Analyst: CAC Seq Number: 3141114		·		Units mg/kg	% Moisture: Basis: We	t Weight	Dil 1
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result	RL		 Moisture: Basis: We Analysis Date 	t Weight Flag	
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter	Cas Number PHC610	Result <50.3	RL 50.3	mg/kg	% Moisture: Basis: We Analysis Date 10.30.2020 16:08	t Weight Flag U	1
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.3 <50.3	RL 50.3 50.3	mg/kg mg/kg	 Moisture: Basis: We Analysis Date 10.30.2020 16:08 10.30.2020 16:08 	t Weight Flag U U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	124	%	70-135	10.30.2020 16:08	
o-Terphenyl	84-15-1	120	%	70-135	10.30.2020 16:08	

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: Lab Sample I	FS08 (d: 676444-012	Matrix: Date Collected	Soil l: 10.29.2020 15:25	Date Received:10.30.2020 08:48 Sample Depth: 2 ft		
•	ethod: BTEX by EPA 8021B MAB			Prep Method:	SW5035A	
Tech: Analyst:	MAB MAB	Date Prep:	10.30.2020 10:26	% Moisture:		
Seq Number:	3141118	2 1 10p1		Basis:	Wet Weight	

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.30.2020 15:41	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.30.2020 15:41	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.30.2020 15:41	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	10.30.2020 15:41	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.30.2020 15:41	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.30.2020 15:41	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.30.2020 15:41	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	105	%	70-130	10.30.2020 15:41		
4-Bromofluorobenzene		460-00-4	115	%	70-130	10.30.2020 15:41		

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS09 Lab Sample Id: 676444-013		Matrix: Date Co	Soil llected: 10.29	.2020 15:30		Date Received:10.30 Sample Depth: 2 ft	0.2020 08	:48
Analytical Method: Chloride by EF	PA 300					Prep Method: E300)P	
Tech: MAB								
Analyst: MAB		Date Pre	ep: 11.02	.2020 09:32		% Moisture: Basis: Wet	W:-1-4	
Seq Number: 3141204						basis. wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	592	9.90		mg/kg	11.02.2020 15:21		1
Analytical Method: TPH by SW80	15 Mod					Prep Method: SW8	8015P	
Analytical Method: TPH by SW80 Tech: MAB Analyst: CAC Seq Number: 3141114	15 Mod	Date Pre	ep: 10.30.	.2020 09:30		% Moisture:	3015P Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number	Date Pre Result	ep: 10.30. RL	.2020 09:30	Units	% Moisture:		Dil
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter			I.	.2020 09:30	Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech:MABAnalyst:CACSeq Number:3141114	Cas Number	Result	RL	.2020 09:30		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result	RL 50.2	.2020 09:30	mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 16:28	Weight Flag	1
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.2 54.4	RL 50.2 50.2	.2020 09:30	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 16:28 10.30.2020 16:28	Weight Flag U	1 1
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.2 54.4 <50.2	RL 50.2 50.2 50.2	.2020 09:30	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 16:28 10.30.2020 16:28 10.30.2020 16:28	Weight Flag U	1 1 1
Tech: MAB Analyst: CAC Seq Number: 3141114 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 54.4 <50.2 54.4 54.4	RL 50.2 50.2 50.2 50.2 50.2	.2020 09:30	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 16:28 10.30.2020 16:28 10.30.2020 16:28 10.30.2020 16:28 10.30.2020 16:28 10.30.2020 16:28	Weight Flag U	1 1 1 1
Tech: MAB Analyst: CAC Seq Number: 3141114 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 54.4 <50.2 54.4 54.4	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 10.30.2020 16:28 10.30.2020 16:28 10.30.2020 16:28 10.30.2020 16:28 10.30.2020 16:28 10.30.2020 16:28 10.30.2020 16:28	Weight Flag U U	1 1 1 1

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id:FS09Lab Sample Id:676444-013	Matrix:	Soil	Date Receive	d:10.30.2020 08:48
	Date Collecte	ed: 10.29.2020 15:30	Sample Deptl	h: 2 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3141118	Date Prep:	10.30.2020 10:26	Prep Method: % Moisture: Basis:	SW5035A Wet Weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	10.30.2020 16:03	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	10.30.2020 16:03	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	10.30.2020 16:03	U	1
m,p-Xylenes	179601-23-1	< 0.00396	0.00396		mg/kg	10.30.2020 16:03	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	10.30.2020 16:03	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	10.30.2020 16:03	U	1
Total BTEX		< 0.00198	0.00198		mg/kg	10.30.2020 16:03	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	118	%	70-130	10.30.2020 16:03		
1,4-Difluorobenzene		540-36-3	104	%	70-130	10.30.2020 16:03		

Environment Testi Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS10 Lab Sample Id: 676444-014		Matrix: Date Co	Soil llected: 10.29.2020 15:3:	5	Date Received:10.30 Sample Depth: 2 ft	0.2020 08:	48
Analytical Method: Chloride by EF	PA 300				Prep Method: E300	OP	
Tech: MAB							
Analyst: MAB		Date Pre	ep: 11.02.2020 09:32	2	% Moisture: Basis: Wet	Weight	
Seq Number: 3141204					Dasis. wet	weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	44.1	9.94	mg/kg	11.02.2020 15:27		1
Tech: MAB					1		
Analyst: CAC Seq Number: 3141114		Date Pro	-)	% Moisture: Basis: Wet	Weight	
	Cas Number	Date Pro Result	ep: 10.30.2020 09:30) Units		Weight Flag	Dil
Seq Number: 3141114 Parameter	Cas Number PHC610		F.		Basis: Wet	0	Dil
Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO)		Result	RL	Units	Basis: Wet Analysis Date	Flag	
Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	PHC610	Result	RL 50.2	Units mg/kg	Basis: Wet Analysis Date 10.30.2020 16:48	Flag U	1
Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	PHC610 C10C28DRO	Result <50.2 <50.2	RL 50.2 50.2	Units mg/kg mg/kg	Basis: Wet Analysis Date 10.30.2020 16:48 10.30.2020 16:48	Flag U U	1 1
Seq Number: 3141114	PHC610 C10C28DRO PHCG2835	Result <50.2 <50.2 <50.2 <50.2	RL 50.2 50.2 50.2	Units mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.30.2020 16:48 10.30.2020 16:48 10.30.2020 16:48	Flag U U U	1 1 1
Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total GRO-DRO	PHC610 C10C28DRO PHCG2835 PHC628 PHC635	Result <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50	RL 50.2 50.2 50.2 50.2 50.2	Units mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.30.2020 16:48 10.30.2020 16:48 10.30.2020 16:48 10.30.2020 16:48 10.30.2020 16:48	Flag U U U U U	1 1 1 1
Seq Number: 3141114 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 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50.2 <50	RL 50.2 50.2 50.2 50.2 50.2 50.2 50.2	Units mg/kg mg/kg mg/kg mg/kg	Basis: Wet Analysis Date 10.30.2020 16:48 10.30.2020 16:48 10.	Flag U U U U U Flag	1 1 1 1

119

%

70-135

10.30.2020 16:48

84-15-1

o-Terphenyl

Environment Testi Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: Lab Sample I	FS10 d: 676444-014	Matrix: Date Collected	Soil 1: 10.29.2020 15:35	Date Received Sample Depth	l:10.30.2020 08:48 : 2 ft
Analytical Mo	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB				
Analyst:	MAB	Date Prep:	10.30.2020 10:26	% Moisture: Basis:	Wet Weight
Seq Number:	3141118			Dubis.	wet weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.30.2020 16:26	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.30.2020 16:26	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.30.2020 16:26	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	10.30.2020 16:26	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.30.2020 16:26	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.30.2020 16:26	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.30.2020 16:26	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	120	%	70-130	10.30.2020 16:26		
1,4-Difluorobenzene		540-36-3	108	%	70-130	10.30.2020 16:26		

Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS11 Lab Sample Id: 676444-015		Matrix: Date Collec	Soil eted: 10.29.2020 15:40		Date Received:1 Sample Depth: 2		48
Analytical Method: Chloride by EP	PA 300				Prep Method: E	E300P	
Tech: MAB							
Analyst: MAB		Date Prep:	11.02.2020 09:32		% Moisture: Basis: V	Wet Weight	
Seq Number: 3141204					Dasis.	wet weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	e Flag	Dil
Chloride	16887-00-6	122	9.98	mg/kg	11.02.2020 15:3	32	1
Analytical Method: TPH by SW80 Tech: MAB Analyst: CAC Seq Number: 3141114	15 Mod	Date Prep:	10.30.2020 09:30		Prep Method: S % Moisture: Basis: V	SW8015P Wet Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number	·	10.30.2020 09:30 RL	Units	% Moisture:	Wet Weight	Dil
Tech: MAB Analyst: CAC Seq Number: 3141114		·		Units mg/kg	% Moisture: Basis: V	Wet Weight e Flag	Dil 1
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter	Cas Number	Result	RL		 Moisture: Basis: V Analysis Date 	Wet Weight e Flag 08 U	
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.3	RL 50.3	mg/kg	% Moisture: Basis: V Analysis Date	Wet Weight e Flag 08 U 08 U	1
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.3 <50.3	RL 50.3 50.3	mg/kg mg/kg	 % Moisture: Basis: V Analysis Date 10.30.2020 17:0 10.30.2020 17:0 	Wet Weight e Flag 08 U 08 U 08 U 08 U	1

	1110055		5 50.5		ing/kg	10.50.2020 17.00	U	
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	116	%	70-135	10.30.2020 17:08		
o-Terphenyl		84-15-1	116	%	70-135	10.30.2020 17:08		

Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: Lab Sample I	FS11 d: 676444-015	Matrix: Date Collected	Soil d: 10.29.2020 15:40	Date Received Sample Depth	d:10.30.2020 08:48 n: 2 ft
	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB				
Analyst:	MAB	Date Prep:	10.30.2020 10:26	% Moisture: Basis:	Wet Weight
Seq Number:	3141118			Dubis	wet weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	10.30.2020 16:48	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	10.30.2020 16:48	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	10.30.2020 16:48	U	1
m,p-Xylenes	179601-23-1	< 0.00397	0.00397		mg/kg	10.30.2020 16:48	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	10.30.2020 16:48	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	10.30.2020 16:48	U	1
Total BTEX		< 0.00198	0.00198		mg/kg	10.30.2020 16:48	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	116	%	70-130	10.30.2020 16:48		
1,4-Difluorobenzene		540-36-3	102	%	70-130	10.30.2020 16:48		

Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: FS12 Lab Sample Id: 676444-016		Matrix: Date Colle	Soil ected: 10.29.2020 15:45		Date Received:10.30 Sample Depth: 2 ft	0.2020 08	:48
Analytical Method: Chloride by EF	PA 300				Prep Method: E300)P	
Tech: MAB							
Analyst: MAB		Date Prep:	11.02.2020 09:32		% Moisture: Basis: Wet	X 7 · 1 /	
Seq Number: 3141204					Dasis: wet	Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	66.0	10.1	mg/kg	11.02.2020 15:37		1
Analytical Method: TPH by SW80	15 Mod				Prep Method: SW8	8015P	
Analytical Method:TPH by SW80Tech:MABAnalyst:CACSeq Number:3141114	15 Mod	Date Prep:	10.30.2020 09:30		Prep Method: SW8 % Moisture: Basis: Wet	8015P Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number	Date Prep: Result	10.30.2020 09:30 RL	Units	% Moisture:		Dil
Tech: MAB Analyst: CAC Seq Number: 3141114		ľ		Units mg/kg	% Moisture: Basis: Wet	Weight	Dil
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter	Cas Number	Result	RL		% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.0	RL 50.0	mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 17:28	Weight Flag	1
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 17:28 10.30.2020 17:28	Weight Flag U U	1 1
Tech: MAB Analyst: CAC Seq Number: 3141114 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	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28	Weight Flag U U U	1 1 1
Tech: MAB Analyst: CAC Seq Number: 3141114 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 <50.0	RL 50.0 50.0 50.0 50.0 50.0	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28 10.30.2020 17:28	Weight Flag U U U U U	1 1 1 1

119

%

70-135

84-15-1

o-Terphenyl

.

10.30.2020 17:28

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: Lab Sample I	FS12 d: 676444-016	Matrix: Date Collected	Soil d: 10.29.2020 15:45	Date Received Sample Depth	l:10.30.2020 08:48 : 2 ft
2	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB				
Analyst:	MAB	Date Prep:	10.30.2020 10:26	% Moisture: Basis:	Wet Weight
Seq Number:	3141118			Dusis.	wet weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	10.30.2020 17:10	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	10.30.2020 17:10	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	10.30.2020 17:10	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	10.30.2020 17:10	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	10.30.2020 17:10	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	10.30.2020 17:10	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	10.30.2020 17:10	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	118	%	70-130	10.30.2020 17:10		
1,4-Difluorobenzene		540-36-3	103	%	70-130	10.30.2020 17:10		
eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: PH01 Lab Sample Id: 676444-017		Matrix Date C	: Soil ollected: 10.29	9.2020 09:50		Date Received:10.30 Sample Depth: 1 ft	0.2020 08	48
Analytical Method: Chloride by EP	A 300					Prep Method: E300)P	
Tech: MAB								
Analyst: MAB		Date P	ren: 11.02	2.2020 09:32		% Moisture:		
Seq Number: 3141204			- F			Basis: Wet	Weight	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	559	10.1		mg/kg	11.02.2020 15:43		1
Analytical Method: TPH by SW801 Tech: MAB Analyst: CAC Seq Number: 3141114	5 Mod	Date P	rep: 10.30	0.2020 09:30		Prep Method: SW8 % Moisture: Basis: Wet	015P Weight	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8		mg/kg	10.30.2020 18:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	1150	49.8		mg/kg	10.30.2020 18:08		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8		mg/kg	10.30.2020 18:08	U	1
Total GRO-DRO	PHC628	1150	49.8		mg/kg	10.30.2020 18:08		1
Total TPH	PHC635	1150	49.8		mg/kg	10.30.2020 18:08		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	123	%	70-135	10.30.2020 18:08		
o-Terphenyl		84-15-1	119	%	70-135	10.30.2020 18:08		

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id:PH01Lab Sample Id:676444-017	Matrix:	Soil	Date Received	d:10.30.2020 08:48
	Date Collecte	ed: 10.29.2020 09:50	Sample Depth	n: 1 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3141118	Date Prep:	10.30.2020 10:26	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	10.30.2020 17:33	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.30.2020 17:33	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.30.2020 17:33	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	10.30.2020 17:33	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.30.2020 17:33	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.30.2020 17:33	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.30.2020 17:33	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	100	%	70-130	10.30.2020 17:33		
4-Bromofluorobenzene		460-00-4	108	%	70-130	10.30.2020 17:33		

eurofins Environment Testing Xenco

Surrogate

o-Terphenyl

1-Chlorooctane

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id:PH01ALab Sample Id:676444-018		Matrix: Date Collect	Soil ted: 10.29.2020 10:05		Date Received:10. Sample Depth: 4 ft		3:48
Analytical Method: Chloride by EF	PA 300				Prep Method: E30)0P	
Tech: MAB							
Analyst: MAB		Date Prep:	11.02.2020 09:32		% Moisture:		
Seq Number: 3141204		ľ			Basis: We	t Weight	
Parameter	Cas Number	Result I	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	190	49.9	mg/kg	11.02.2020 15:48		5
Analytical Method:TPH by SW80Tech:MABAnalyst:CACSeq Number:3141114	15 Mod	Date Prep:	10.30.2020 09:30		Prep Method: SW % Moisture: Basis: We	78015P t Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number	·	10.30.2020 09:30 RL	Units	% Moisture:		Dil
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter		·		Units mg/kg	% Moisture: Basis: We	t Weight	Dil
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number	Result I	RL		 Moisture: Basis: We Analysis Date 	t Weight Flag	
Tech: MAB Analyst: CAC Seq Number: 3141114 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610	Result I	RL 50.1	mg/kg	% Moisture: Basis: We Analysis Date 10.30.2020 17:48	t Weight Flag U	1
Tech: MAB Analyst: CAC Seq Number: 3141114	Cas Number PHC610 C10C28DRO	Result <50.1 <50.1	RL 50.1 50.1	mg/kg mg/kg	% Moisture: Basis: We Analysis Date 10.30.2020 17:48 10.30.2020 17:48	t Weight Flag U U	1 1

% Recovery

114

110

Page 43 of 62

Units

%

%

Limits

70-135

70-135

Analysis Date

10.30.2020 17:48

10.30.2020 17:48

Flag

.

Cas Number

111-85-3

84-15-1

Released to Imaging: 4/20/2021 11:40:22 AM

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: PH01A	Matrix:	Soil	Date Receive	d:10.30.2020 08:48
Lab Sample Id: 676444-018	Date Collecte	ed: 10.29.2020 10:05	Sample Deptl	n: 4 ft
Analytical Method:BTEX by EPA 8021BTech:MABAnalyst:MABSeq Number:3141118	Date Prep:	10.30.2020 10:26	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	10.30.2020 19:27	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	10.30.2020 19:27	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	10.30.2020 19:27	U	1
m,p-Xylenes	179601-23-1	< 0.00404	0.00404		mg/kg	10.30.2020 19:27	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	10.30.2020 19:27	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	10.30.2020 19:27	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	10.30.2020 19:27	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	106	%	70-130	10.30.2020 19:27		
4-Bromofluorobenzene		460-00-4	123	%	70-130	10.30.2020 19:27		

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: PH02 Lab Sample Id: 676444-019		Matrix Date C	: Soil ollected: 10.29	9.2020 10:25		Date Received:10.3 Sample Depth: 1 ft	0.2020 08	:48
Analytical Method: Chloride by EP	A 300					Prep Method: E300)P	
Tech: MAB								
Analyst: MAB		Date P	rep: 11.02	2.2020 09:32		% Moisture:		
Seq Number: 3141204						Basis: Wet	Weight	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	496	10.1		mg/kg	11.02.2020 16:05		1
Analytical Method: TPH by SW801 Tech: MAB Analyst: CAC Seq Number: 3141201	5 Mod	Date Pr	rep: 11.02	2.2020 16:30		Prep Method: SW8 % Moisture: Basis: Wet	8015P Weight	
Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.2	50.2		mg/kg	11.02.2020 22:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.2	50.2		mg/kg	11.02.2020 22:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.2	50.2		mg/kg	11.02.2020 22:39	U	1
Total GRO-DRO	PHC628	<50.2	50.2		mg/kg	11.02.2020 22:39	U	1
Total TPH	PHC635	<50.2	50.2		mg/kg	11.02.2020 22:39	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	132	%	70-135	11.02.2020 22:39		
o-Terphenyl		84-15-1	126	%	70-135	11.02.2020 22:39		

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: PH02 Lab Sample Id: 676444-019	Matrix: Date Collecte	Soil ed: 10.29.2020 10:25	Date Received Sample Depth	d:10.30.2020 08:48 n: 1 ft
Analytical Method: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech: MAB Analyst: MAB	Date Prep:	10.30.2020 10:26	% Moisture:	
Seq Number: 3141118	Dute Hep.		Basis:	Wet Weight

Parameter	Cas Number	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	10.30.2020 19:50	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.30.2020 19:50	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.30.2020 19:50	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	10.30.2020 19:50	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.30.2020 19:50	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.30.2020 19:50	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.30.2020 19:50	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	109	%	70-130	10.30.2020 19:50		
4-Bromofluorobenzene		460-00-4	116	%	70-130	10.30.2020 19:50		

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: PH02A Lab Sample Id: 676444-020		Matrix: Date Coll	Soil lected: 10.29.2020 10:4	0	Date Received:10.3 Sample Depth: 4 ft	0.2020 08	:48
Analytical Method: Chloride by EP	PA 300				Prep Method: E300	OP	
Tech: MAB							
Analyst: MAB		Date Prep	b: 11.02.2020 09:3	2	% Moisture: Basis: Wet	W:-1-4	
Seq Number: 3141204					Dasis: Wet	Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	18.9	9.96	mg/kg	11.02.2020 16:10		1
Analytical Method: TPH by SW80 Tech: MAB Analyst: CAC Seq Number: 3141201	15 Mod	Date Prep	p: 11.02.2020 16:3	0	Prep Method: SW8 % Moisture: Basis: Wet	3015P Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number	Date Prep Result	p: 11.02.2020 16:3 RL	0 Units	% Moisture:		Dil
Tech: MAB Analyst: CAC Seq Number: 3141201					% Moisture: Basis: Wet	Weight	Dil 1
Tech: MAB Analyst: CAC Seq Number: 3141201 Parameter	Cas Number	Result	RL	Units	% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: MAB Analyst: CAC Seq Number: 3141201 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.1	RL 50.1	Units mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 22:59	Weight Flag	
Tech: MAB Analyst: CAC Seq Number: 3141201 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.1 <50.1	RL 50.1 50.1	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 22:59 11.02.2020 22:59	Weight Flag U U	1
Tech: MAB Analyst: CAC Seq Number: 3141201 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	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 22:59 11.02.2020 22:59 11.02.2020 22:59	Weight Flag U U U	1 1 1
Tech: MAB Analyst: CAC Seq Number: 3141201 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 <50.1	RL 50.1 50.1 50.1 50.1 50.1	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 22:59 11.02.2020 22:59 11.02.2020 22:59 11.02.2020 22:59 11.02.2020 22:59 11.02.2020 22:59	Weight Flag U U U U U	1 1 1 1

125

%

70-135

11.02.2020 22:59

84-15-1

o-Terphenyl

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: Lab Sample I	PH02A d: 676444-020	Matrix: Date Collected	Soil d: 10.29.2020 10:40	Date Received Sample Depth	1:10.30.2020 08:48 :: 4 ft
2	ethod: BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	MAB				
Analyst:	MAB	Date Prep:	10.30.2020 10:26	% Moisture: Basis:	Wet Weight
Seq Number:	3141118			Dusis.	wet weight

Parameter	Cas Numbe	er Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	10.30.2020 20:12	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	10.30.2020 20:12	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	10.30.2020 20:12	U	1
m,p-Xylenes	179601-23-1	< 0.00396	0.00396		mg/kg	10.30.2020 20:12	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	10.30.2020 20:12	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	10.30.2020 20:12	U	1
Total BTEX		< 0.00198	0.00198		mg/kg	10.30.2020 20:12	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	106	%	70-130	10.30.2020 20:12		
4-Bromofluorobenzene		460-00-4	122	%	70-130	10.30.2020 20:12		

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: PH03 Lab Sample Id: 676444-021		Matrix: Date Colle	Soil ected: 10.29.2020 11:00	1	Date Received:10.30.2020 08:48 Sample Depth: 1 ft		
Analytical Method: Chloride by EP	PA 300				Prep Method: E300)P	
Tech: MAB							
Analyst: MAB		Date Prep	: 11.02.2020 09:32		% Moisture: Basis: Wet	W:-1-4	
Seq Number: 3141204		-			Dasis. wet	Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	174	9.98	mg/kg	11.02.2020 16:27		1
Analytical Method: TPH by SW80 Tech: MAB Analyst: CAC Seq Number: 3141201	15 Mod	Date Prep	o: 11.02.2020 16:30		Prep Method: SW8 % Moisture: Basis: Wet	3015P Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number	Date Prep Result	b: 11.02.2020 16:30 RL	Units	% Moisture:		Dil
Tech: MAB Analyst: CAC Seq Number: 3141201		Ĩ			% Moisture: Basis: Wet	Weight	Dil
Tech: MAB Analyst: CAC Seq Number: 3141201 Parameter	Cas Number	Result	RL	Units	% Moisture: Basis: Wet Analysis Date	Weight Flag	
Tech: MAB Analyst: CAC Seq Number: 3141201 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result	RL 50.0	Units mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 23:39	Weight Flag U	
Tech: MAB Analyst: CAC Seq Number: 3141201 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 23:39 11.02.2020 23:39	Weight Flag U U	1 1
Tech: MAB Analyst: CAC Seq Number: 3141201 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.0 <50.0	RL 50.0 50.0 50.0	Units mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 23:39 11.02.2020 23:39 11.02.2020 23:39	Weight Flag U U U	1 1 1
Tech: MAB Analyst: CAC Seq Number: 3141201 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 <50.0	RL 50.0 50.0 50.0 50.0	Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 23:39 11.02.2020 23:39 11.02.2020 23:39 11.02.2020 23:39 11.02.2020 23:39 11.02.2020 23:39	Weight Flag U U U U U	1 1 1 1

119

%

70-135

11.02.2020 23:39

84-15-1

o-Terphenyl

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: P	PH03	Matrix:	Soil	Date Received:10.30.2020 08:48			
Lab Sample Id: 6	76444-021	Date Collected	: 10.29.2020 11:00	Sample Depth: 1 ft			
Tech: M	d: BTEX by EPA 8021B AB AB 441118	Date Prep:	10.30.2020 10:26	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	10.30.2020 20:35	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	10.30.2020 20:35	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	10.30.2020 20:35	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	10.30.2020 20:35	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	10.30.2020 20:35	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	10.30.2020 20:35	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	10.30.2020 20:35	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	115	%	70-130	10.30.2020 20:35		
1,4-Difluorobenzene		540-36-3	105	%	70-130	10.30.2020 20:35		

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: PH03A Lab Sample Id: 676444-022		Matrix: Date Colle	Soil ected: 10.29.2020 12:45	Date Received:10.30.2020 08:48 Sample Depth: 4 ft			
Analytical Method: Chloride by EP	PA 300				Prep Method: E300)P	
Tech: MAB							
Analyst: MAB		Date Prep	: 11.02.2020 09:32		% Moisture: Basis: Wet	W:-1-4	
Seq Number: 3141204		-			Dasis. wet	Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	108	50.3	mg/kg	11.02.2020 16:32		5
Analytical Method:TPH by SW80Tech:MABAnalyst:CACSeq Number:3141201	15 Mod	Date Prep	o: 11.02.2020 16:30		Prep Method: SW8 % Moisture: Basis: Wet	8015P Weight	
Tech: MAB Analyst: CAC	15 Mod Cas Number	Date Prep Result	e: 11.02.2020 16:30 RL	Units	% Moisture:		Dil
Tech: MAB Analyst: CAC Seq Number: 3141201		Ĩ		Units mg/kg	% Moisture: Basis: Wet	Weight	Dil 1
Tech: MAB Analyst: CAC Seq Number: 3141201 Parameter	Cas Number	Result	RL		 Moisture: Basis: Wet Analysis Date 	Weight Flag	
Tech: MAB Analyst: CAC Seq Number: 3141201 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.2	RL 50.2	mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 23:59	Weight Flag U	1
Tech: MAB Analyst: CAC Seq Number: 3141201 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.2 <50.2	RL 50.2 50.2	mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 23:59 11.02.2020 23:59	Weight Flag U U	1
Tech: MAB Analyst: CAC Seq Number: 3141201 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	RL 50.2 50.2 50.2	mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 23:59 11.02.2020 23:59 11.02.2020 23:59	Weight Flag U U U	1 1 1
Tech: MAB Analyst: CAC Seq Number: 3141201 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	RL 50.2 50.2 50.2 50.2 50.2	mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 11.02.2020 23:59 11.02.2020 23:59 11.02.2020 23:59 11.02.2020 23:59 11.02.2020 23:59	Weight Flag U U U U U	1 1 1 1

116

%

70-135

11.02.2020 23:59

84-15-1

o-Terphenyl

eurofins Environment Testing Xenco

Certificate of Analytical Results 676444

LT Environmental, Inc., Arvada, CO

PLU 21 Brushy Draw 903H

Sample Id: PH Lab Sample Id: 67	103A 6444-022	Matrix: Date Collected	Soil : 10.29.2020 12:45	Date Received:10.30.2020 08:48 Sample Depth: 4 ft			
Tech: MA			10.20.2020.10.27	Prep Method: % Moisture:	SW5035A		
Analyst: MA Seq Number: 314		Date Prep:	10.30.2020 10:26	Basis:	Wet Weight		

Parameter	Cas Numbe	r Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	10.30.2020 20:57	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	10.30.2020 20:57	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	10.30.2020 20:57	U	1
m,p-Xylenes	179601-23-1	< 0.00397	0.00397		mg/kg	10.30.2020 20:57	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	10.30.2020 20:57	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	10.30.2020 20:57	U	1
Total BTEX		< 0.00198	0.00198		mg/kg	10.30.2020 20:57	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	106	%	70-130	10.30.2020 20:57		
4-Bromofluorobenzene		460-00-4	121	%	70-130	10.30.2020 20:57		

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 676444

LT Environmental, Inc.

PLU 21 Brushy Draw 903H

Analytical Method: Seq Number:	Chloride by 3141203	EPA 30)0		Matrix:				Pr	rep Meth Date Pr		0P 02.2020	
MB Sample Id:	7714265-1-E	BLK		LCS Sar	nple Id:	7714265-	I-BKS		LCSI	D Sample	e Id: 771	4265-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Bogult	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		<10.0	250 Allount	256	102	Result 246	% кес 98	90-110	4	20	mg/kg	11.02.2020 10:22	
											00		
Analytical Method:	Chloride by	· EPA 30	00						Pr	rep Meth	od: E30	0P	
Seq Number:	3141204				Matrix:	Solid				Date Pr		02.2020	
MB Sample Id:	7714266-1-E	BLK		LCS Sar	nple Id:	7714266-	I-BKS		LCSI	D Sample	e Id: 771	4266-1-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	249	100	248	99	90-110	0	20	mg/kg	11.02.2020 14:15	
Analytical Method:	Chloride by	EPA 30)0						Pr	rep Meth		0P	
Seq Number:	3141203				Matrix:		1.0		MG	Date Pr	-)2.2020	
Parent Sample Id:	676442-001		a u		-	676442-00		.		-		442-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		2640	203	2830	94	2830	93	90-110	0	20	mg/kg	11.02.2020 10:39	
Analytical Method:	Chloride by	EPA 30)0						Pr	rep Meth	od: E30	0P	
Seq Number:	3141203				Matrix:					Date Pr	-	02.2020	
Parent Sample Id:	676442-011				nple Id:	676442-0	11 S			-		442-011 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		72.9	199	276	102	274	101	90-110	1	20	mg/kg	11.02.2020 11:57	
Analytical Method:	Chloride by	EPA 30)0						Pr	rep Meth	od: E30	0P	
Seq Number:	3141204				Matrix:					Date Pr	-	02.2020	
Parent Sample Id:	676444-008				nple Id:	676444-00)8 S			D Sampl	e Id: 676	444-008 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		116	199	318	102	320	102	90-110	1	20	mg/kg	11.02.2020 14:37	
Analytical Method:	Chloride by	EPA 30	00						Pr	rep Meth	od: E30	0P	
Seq Number:	3141204				Matrix:	Soil				Date Pr		02.2020	
Parent Sample Id:	676444-018			MS Sar	nple Id:	676444-0	18 S		MS	D Sampl	e Id: 676	444-018 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride								~~				11.02.2020.15.54	
		190	200	394	102	393	102	90-110	0	20	mg/kg	11.02.2020 15:54	
		190	200	394	102	393	102	90-110	0	20	mg/kg	11.02.2020 15:54	

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

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

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

.

Released to Imaging: 4/20/2021 11:40:22 AM

Page 54 of 62

Final 1.002

Xenco

Environment Testing

🔅 eurofins

QC Summary 676444

LT Environmental, Inc.

PLU 21 Brushy Draw 903H

Analytical Method:	TPH by S	W8015 M	od						Pı	ep Meth	od: SW	8015P	
Seq Number:	3141112				Matrix:	Solid				Date Pr	ep: 10.3	0.2020	
MB Sample Id:	7714246-1	1-BLK		LCS San	nple Id:	7714246-	1-BKS		LCS	D Sample	e Id: 771	4246-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocart	oons (GRO)	< 50.0	1000	985	99	989	99	70-135	0	35	mg/kg	10.30.2020 10:07	
Diesel Range Organics	(DRO)	< 50.0	1000	854	85	966	97	70-135	12	35	mg/kg	10.30.2020 10:07	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			mits	Units	Analysis Date	
1-Chlorooctane		126		ç	00		127		70	-135	%	10.30.2020 10:07	
o-Terphenyl		116		8	31		116	i	70	-135	%	10.30.2020 10:07	

Analytical Method:	TPH by S	W8015 M	od						Pi	rep Meth	od: SW	8015P	
Seq Number:	3141114				Matrix:	Solid				Date Pr	ep: 10.3	80.2020	
MB Sample Id:	7714248-1	-BLK		LCS San	nple Id:	7714248-	I-BKS		LCS	D Sample	e Id: 771	4248-1-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	1170	117	1130	113	70-135	3	35	mg/kg	10.30.2020 10:07	
Diesel Range Organics ((DRO)	< 50.0	1000	1340	134	1330	133	70-135	1	35	mg/kg	10.30.2020 10:07	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSE %Rec			imits	Units	Analysis Date	
1-Chlorooctane		92		1	27		126		70	-135	%	10.30.2020 10:07	
o-Terphenyl		94		1	32		130		70	-135	%	10.30.2020 10:07	

Analytical Method:	TPH by S	W8015 M	od						Pi	rep Meth	od: SW	8015P	
Seq Number:	3141201				Matrix:	Solid				Date Pr	ep: 11.0	02.2020	
MB Sample Id:	7714382-1	-BLK		LCS San	nple Id:	7714382-2	1-BKS		LCS	D Sample	e Id: 771	4382-1-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	907	91	852	85	70-135	6	35	mg/kg	11.02.2020 18:36	
Diesel Range Organics	(DRO)	<50.0	1000	1040	104	1000	100	70-135	4	35	mg/kg	11.02.2020 18:36	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1-Chlorooctane		95		1	25		105		70	-135	%	11.02.2020 18:36	
o-Terphenyl		101		1	03		101		70	-135	%	11.02.2020 18:36	

Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8	015P	
Seq Number:	3141112	Matrix:	Solid	Date Prep:	10.30	0.2020	
		MB Sample Id:	7714246-1-BLK				
Parameter		MB Result		U	nits	Analysis Date	Flag
Motor Oil Range Hydrocar	bons (MRO)	<50.0		m	ig/kg	10.30.2020 09:47	

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

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

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

.

Released to Imaging: 4/20/2021 11:40:22 AM

Page 55 of 62

ived by OCD	12/23/2020 7:56:03 AM Environment Testing Xenco	QC Sui LT En	mmary wironmen Brushy Dr	· ·		Page 124	of 131
Seq Number: Parameter	ethod: TPH by SW8015 M 3141114 Hydrocarbons (MRO)		Solid			015P 0.2020 Analysis Date 10.30.2020 09:47	Flag
Analytical M Seq Number:	ethod: TPH by SW8015 M 3141201	Iod Matrix: MB Sample Id:		LK	Prep Method: Date Prep:	015P 2.2020	

Motor Oil Range Hydrocarbons (MRO)

Parameter

Recei

MB Result s (MRO) <50.0

Analytical Method: TPH by SW8015 Mod SW8015P Prep Method: Seq Number: 3141112 Date Prep: 10.30.2020 Matrix: Soil MS Sample Id: 676303-008 S MSD Sample Id: 676303-008 SD Parent Sample Id: 676303-008 %RPD RPD Parent Spike MS MS Units Analysis MSD MSD Limits Flag Parameter Limit Date Result Result %Rec Amount Result %Rec 10.30.2020 11:07 Gasoline Range Hydrocarbons (GRO) <49.8 996 921 92 936 94 70-135 2 35 mg/kg 10.30.2020 11:07 Diesel Range Organics (DRO) 1330 996 2430 110 2510 118 70-135 3 35 mg/kg MS MS MSD MSD Limits Units Analysis Surrogate Flag %Rec Flag Date %Rec 10.30.2020 11:07 132 1-Chlorooctane 131 70-135 % 10.30.2020 11:07 o-Terphenyl 134 116 70-135 %

Analytical Method: Seq Number: Parent Sample Id:	TPH by S 3141114 676442-00		od		Matrix: nple Id:	Soil 676442-00)1 S			rep Metho Date Pr D Samplo	ep: 10.3	8015P 80.2020 442-001 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	875	88	840	84	70-135	4	35	mg/kg	10.30.2020 11:07	
Diesel Range Organics ((DRO)	< 50.1	1000	967	97	965	97	70-135	0	35	mg/kg	10.30.2020 11:07	
Surrogate					IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1-Chlorooctane				1	34		128		70	-135	%	10.30.2020 11:07	
o-Terphenyl				1	28		133		70	-135	%	10.30.2020 11:07	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* (C-E) / (C+E) | [D] = 100* (C) / [B] Log Diff. = Log(Sample Duplicate) - Log(Original Sample) 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

Units

mg/kg

Analysis

Date 11.02.2020 18:16 Flag

Page 56 of 62

Xenco

Environment Testing

🔅 eurofins

QC Summary 676444

LT Environmental, Inc.

PLU 21 Brushy Draw 903H

Analytical Method:	TPH by S	W8015 M	od						Pi	rep Meth	od: SW	8015P	
Seq Number:	3141201				Matrix:	Soil				Date Pr	ep: 11.0	02.2020	
Parent Sample Id:	676514-00	7		MS Sar	nple Id:	676514-00)7 S		MS	D Sample	e Id: 676	514-007 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	837	84	838	84	70-135	0	35	mg/kg	11.02.2020 19:37	
Diesel Range Organics	(DRO)	< 50.2	1000	910	91	927	93	70-135	2	35	mg/kg	11.02.2020 19:37	
Surrogate					IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1-Chlorooctane				1	29		133		70	-135	%	11.02.2020 19:37	
o-Terphenyl				1	18		123		70	-135	%	11.02.2020 19:37	

Analytical Method:	BTEX by EPA 8021	B						P	rep Meth	od: SW	5035A	
Seq Number:	3141116		-	Matrix:	Solid				Date Pr	ep: 10.3	30.2020	
MB Sample Id:	7714253-1-BLK		LCS San	nple Id:	7714253-	1-BKS		LCS	D Sample	e Id: 771	4253-1-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	0.109	109	0.105	105	70-130	4	35	mg/kg	10.30.2020 10:15	
Toluene	< 0.00200	0.100	0.103	103	0.101	101	70-130	2	35	mg/kg	10.30.2020 10:15	
Ethylbenzene	< 0.00200	0.100	0.0932	93	0.0916	92	71-129	2	35	mg/kg	10.30.2020 10:15	
m,p-Xylenes	< 0.00400	0.200	0.186	93	0.184	92	70-135	1	35	mg/kg	10.30.2020 10:15	
o-Xylene	< 0.00200	0.100	0.0937	94	0.0917	92	71-133	2	35	mg/kg	10.30.2020 10:15	
Surrogate	MB %Rec	MB Flag			LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene	103		1	01		101		70	-130	%	10.30.2020 10:15	
4-Bromofluorobenzene	87		8	37		85		70	-130	%	10.30.2020 10:15	

Analytical Method: Seq Number: MB Sample Id:	BTEX by EPA 8021 3141118 7714254-1-BLK	В	-	Matrix: nple Id:	Solid 7714254-1	I-BKS			rep Meth Date Pr D Sample	ep: 10.3	5035A 80.2020 4254-1-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	0.105	105	0.101	101	70-130	4	35	mg/kg	10.30.2020 12:07	
Toluene	< 0.00200	0.100	0.103	103	0.0956	96	70-130	7	35	mg/kg	10.30.2020 12:07	
Ethylbenzene	< 0.00200	0.100	0.104	104	0.0984	98	71-129	6	35	mg/kg	10.30.2020 12:07	
m,p-Xylenes	< 0.00400	0.200	0.213	107	0.202	101	70-135	5	35	mg/kg	10.30.2020 12:07	
o-Xylene	< 0.00200	0.100	0.104	104	0.0996	100	71-133	4	35	mg/kg	10.30.2020 12:07	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene	103		1	03		103		70	-130	%	10.30.2020 12:07	
4-Bromofluorobenzene	107		10	09		109		70	-130	%	10.30.2020 12:07	

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

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

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

.

Page 57 of 62

Xenco

Environment Testing

🔅 eurofins

QC Summary 676444

LT Environmental, Inc.

PLU 21 Brushy Draw 903H

Analytical Method:	BTEX by EPA 802	1B						P	rep Meth	od: SW	5035A	
Seq Number:	3141116			Matrix:	Soil				Date Pr	ep: 10.3	30.2020	
Parent Sample Id:	676442-001		MS Sar	nple Id:	676442-00	01 S		MS	D Sampl	e Id: 676	442-001 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	0.107	107	0.107	107	70-130	0	35	mg/kg	10.30.2020 16:31	
Toluene	< 0.00200	0.0998	0.100	100	0.101	101	70-130	1	35	mg/kg	10.30.2020 16:31	
Ethylbenzene	< 0.00200	0.0998	0.0896	90	0.0921	92	71-129	3	35	mg/kg	10.30.2020 16:31	
m,p-Xylenes	< 0.00399	0.200	0.178	89	0.184	92	70-135	3	35	mg/kg	10.30.2020 16:31	
o-Xylene	< 0.00200	0.0998	0.0872	87	0.0895	90	71-133	3	35	mg/kg	10.30.2020 16:31	
Surrogate				1S Rec	MS Flag	MSD %Rec			imits	Units	Analysis Date	
1,4-Difluorobenzene			ç	99		100		70	-130	%	10.30.2020 16:31	
4-Bromofluorobenzene			8	34		85		70	-130	%	10.30.2020 16:31	

Analytical Method: Seq Number: Parent Sample Id:	BTEX by EPA 8021 3141118 676444-008	B	MS Sar	Matrix: nple Id:)8 S			rep Metho Date Pro D Sample	ep: 10.3	5035A 30.2020 444-008 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.100	0.115	115	0.116	115	70-130	1	35	mg/kg	10.30.2020 12:51	
Toluene	< 0.00200	0.100	0.110	110	0.111	110	70-130	1	35	mg/kg	10.30.2020 12:51	
Ethylbenzene	< 0.00200	0.100	0.112	112	0.114	113	71-129	2	35	mg/kg	10.30.2020 12:51	
m,p-Xylenes	< 0.00401	0.200	0.228	114	0.233	116	70-135	2	35	mg/kg	10.30.2020 12:51	
o-Xylene	< 0.00200	0.100	0.110	110	0.114	113	71-133	4	35	mg/kg	10.30.2020 12:51	
Surrogate				IS Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene			1	02		101		70	-130	%	10.30.2020 12:51	
4-Bromofluorobenzene			1	11		113		70	-130	%	10.30.2020 12:51	

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

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

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

.

Page 58 of 62

age 127	(ENCO	Houst Midl	on,TX (281) 240-4200 and,TX (432-704-5440)	Dallas, TX (214) 902-0300 San Antonio, EL Paso, TX (915)585-3443 Lubbock, 7	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	Work Order No: 10+6744	444040
-		Hobbs,NM (575-39	92-7550) Phoenix,AZ	480-355-0900) Atlanta	Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)	www.xenco.com	Page of
Project Manager:	Dan Moir		Bill to: (if different)	Kyle Littrell		Work Order Com	+
Company Name:	LT Environmental, Inc.	, Permian office	Company Name:	XTO Energy		WOR	
Address:	3300 North A Street		Address:	522 West Mermond	2	State of Project:	Is IRC Derfund
City, State ZIP:	Midland, Tx 79705		City. State ZIP:	Carlshad NM 88220			
Phone:	(432) 236-3849	Email	Email: enaka@ltenv.com	2 4			
Project Name:	PLU 21 Grushy Diriu	hellb	Turn Around				Other
Project Number:	012920031	Ro	ine 🗙				Work Order Notes
P.O. Number:	Eddy County			-			
Sampler's Name:	Elizabeth Naka		Due Date:				
SAMPLE RECEIPT	_	Yes No We	5				
Temperature (°C):	10		NO				
Received Intact:	2A	T-NM of T		-			
Cooler Custody Seals:	Yes No	Correction Factor:	φ N Cont	802			
Sample Custody Seals:		Total Containers:		PA 0=		TAT	TAT starts the day recevied by the
Sample Identification	ification Matrix	Date Time Sampled Sampled	Depth	PH (EP. TEX (El			Cample Commont
Swoi	S		01-21 1	КВ			
2005	-	-	-	- 7		Com	comp"Site
< 0.05	1	1430					
LUK		1435	E				
1501		1315	5				
1502		1320	-	-			
1503		1325					
		1455					
		1500					
FSU6	*	V 1565	*	4 4 4			
Circle Method(s) a	Interview Interview Interview	8	RCRA 13PPM Texas 11 AI St	As Ba	Cd Ca Cr	Mn Mo Ni K Se Ag SiO2 Na Sr	TI Sn U V Zn
tice: Si	ument and relinquishment of s	amples constitutes a valid pun	chase order from client	company to Xenco, its affi	Service Xence with the test and relinquishment of samples constitutes a valid purchase order from client company to Xence, its affiliates and subcontractors. It assigns standard terms and constitutes		1631 / 245.1 / 7470 / 7471 : Hg
Xenco. A minimum charge	e of \$75.00 will be applied to ea	and shall not assume any resuch project and a charge of \$5 t	ponsibility for any losse or each sample submitt	s or expenses incurred b ed to Xenco, but not anal	A cence 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 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.	indard terms and conditions unstances beyond the control s previously negotiated.	
C Relinquished by: (S	(Signature)	Received by: (Signature)	e)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Allow CCP	0	W L'AHON	10.3	10.20.20 0848 2			
ive				4		e	

Final 1.002

Number: Eddy County Routine AnALYSIS REQUEST 's Name: Elizabeth Naka Due Date:	Project Manager: Company Name: Address: City, State ZIP: Phone: Project Name:	Ic., Permian off
Allumber: OTC/TLOU'S1 Routine ers Name Eldy County Rush: ers Name Elizabeth Naka Due Date: IPLE RECEIPT Temp Blank: Yes <no< th=""> Well for: obasidy Seals: Yes<no< td=""> NA Sampled Sample dontification Matrix Sampled Depth SS0 1 Tolal Containers: Sampled Depth SS0 2 10/201/21 15/3/30 2 X PH01 15/3/30 1 15/3/30 1 Number of Containers SG0 3 10/201/21 15/3/30 1 Number of Containers PH01 15/3/30 1 15/3/30 1 Number of Containers PH02 1 10/2/3 1 15/3/30 1 Number of Containers PH01 10/2/3 1/3/1/3 15/3/30 1 Number of Containers Number of Containers PH02 1 10/2/3 1 15/3/30 1 15/3/30 1 1</no<></no<></no<></no<></no<>	Project Name:	4
PO: Number: Eddy County Ruit: Sampler Sume: Elizabeth Naka Due Date: SAMPLE RECEIPT Temp Blank. Yas. No Wel los: Vos. No Temperature (°C): Thermoneter ID Temperature (°C): Thermoneter ID Cooler Custory Seals: Vas. No Total Containers: Total Containers: Sample Identification Netrix Sample Identification Netrix Sample Identification Sample Custory Seals: Vas. No Total Containers: Total Containers: Total Containers: Sample Custory Seals: Vas. No Total Containers: Total Containers: Total Containers: Sample Custory Seals: Vas. No Total Containers: Total Containers: Total Containers: FSU2 1525 1525 1525 1545 1545 1545 FUID: 1525 1545 1545 1545 1545 1545 FUID: 1545 1545 1545 1545 1445 1444 1444 FUID: 1545 1545 1545 1545 1545 1444 1444 1444 1444	Project Number:	12
SAMPLE RECEIPT Term Blank: Yes No Vel loe: 'emperature (°C): Thermoneter ID 'encelved Inact: Yes No 'ooler Custody Seals: Yes No 'Yes No Segrection Factor 'ample Custody Seals: Yes No 'Yes No Segrection Factor 'Sample Identification Matrix Sampled Sample Custody Seals: Yes No 'Yes No Segrection Factor 'Sold Simpled Sampled 'Sold Simpled Simpled 'Sold Simple Sampled 'Sold Simpled Sampled 'Sold Simpled Sampled 'Sold Simple Sampled 'Sold Simple Sampled 'Sold Simple Sample 'Sold Simple <td< td=""><td>P.O. Number:</td><td>Eddy County</td></td<>	P.O. Number:	Eddy County
SAMPLE RECEIPT Temp Blank: Yes No Wel Lee: Yes No Received Infact: Yes No Segrection Factor Segrection Factor Segrection Factor Sample Custody Seals: Yes No Segrection Factor Depth Depth Number of Containers: Sample Custody Seals: Yes No Segrection Factor Depth Depth Number of Containers: Sample Custody Seals: Yes No Segrection Factor Depth Number of Containers: Sample Custody Seals: Yes No Number of Containers: Depth Number of Containers: Sold 152.0 2 142.0 153.5 1 BEEX Key All PH01 152.5 1 153.5 1 Science Key All Key All PH02 154.5 1 154.5 1 Key All Key All <td< td=""><td>sampler's Name:</td><td>Elizabeth Naka</td></td<>	sampler's Name:	Elizabeth Naka
emperature (°C): Thermometer ID received Intact: Yes No Secretion Factor cooler Custody Seals: Yes No Secretion Factor sample Custody Seals: Yes Nu Containers: sample dentification Matrix Sampled Date Time Sample dentification Matrix Sampled Date Time Sold 15702 27 Number of Containers Sold 15703 1570 27 X Sold 15703 1570 27 X X PI(U) 1570 1570 1570 17 X X PI(U) 1005 11 1005 11 X X X PI(U) 1007 1005 11 X X X X X Circle Method(s) and Meta(s) to be analyzed	SAMPLE RECEI	Temp Blank: Yes No
Received Intact: Yes No Server introvenue in the contained intervenue in the contained intervenue in the contained intervenue interve	femperature (°C):	
Doler Custody Seals: Yes No NiA Correction Factor sample Custody Seals: Yes No NIA Total Containers: ontotal Containers: Sample Identification Matrix Sampled Time Depth Time Depth IS072 Supple Identification Matrix Sampled Sampled Depth Nu Peth IS072 Supple Identification Matrix Sampled IS02 Containers: of Containers: IS072 Supple IS02 IS03 IN Peth Peth Peth IS03 IN IS03 IN IS03 IN IS02 IN IS02 IN IS03	Received Intact:	NO
ample Custody Seals: Yes No Total Containers: of C Sample Identification Matrix Sampled Sampled Sampled Sampled SS0 7 S [U(2n)/u 15 2.0 21 I X X SS0 7 S [U(2n)/u 15 2.0 21 I X X X SS0 7 S [U(2n)/u 15 2.0 21 I X	cooler Custody Seals:	Yes No N/A
Sample Identification Matrix Date Sampled Time Sampled Depth Sampled Depth	ample Custody Seals	Yes No NIA
Sor7 S IV29/1/2 15 2.0 21 X X X SSG 15 2.0 21 1 X X <t< td=""><td>Sample Identi</td><td>Matrix Date Sampled</td></t<>	Sample Identi	Matrix Date Sampled
SG8 1525 S09 1530 S10 1535 PH01 1545 PH02 1025 PH02 1025 PH02 1025 PH02 1045 Ph102 1045 Ph102 1045 Ph102 1045 Ph102 <td>F207</td> <td>21 02/12/01</td>	F207	21 02/12/01
Sol 1530 1530 FSII 1540 1535 PH01 1540 1540 PH01 1540 1540 PH01 1540 1740 PH01 1740 1740 PH02 1740 1700 PH01 1700 1700 PH02 1740 1700 PH02 1700 1700 Standard 18000 18000 Standard 18000 18000 Standard 18000 18000 18000 Si	2050	2
Sile 1535 PI401 1540 PI401 1540 PI402 1540 PI403 1740 PI404 1750 PI405 17 PI407 1705 PI408 1705 PI407 1706 PI407 170 <td>1509</td> <td></td>	1509	
Sile 1540 1540 PIOL 1545 1 PIOL 1005 1 PIOL 1007 1 PIOL 1008 1 PIOL 200.716010 200.816020: Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: BRCRA Sb As Ba Be Cd Ca Cr Co Cu Pb Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontract and subcontract and subcontract and subcontract and a charge of \$5.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed t	1010	
PH01 1545 1 PH01 9950 1 PH01 1005 1 PH02 1007 1005 Ph102 8 RCRA 13PPM Texas 11 Al Sb As Ba Be Cd Ca Cr Co UPb ce: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontract such loss or exponses incurred by the client if such loss or exponses incurred by the client if such loss or exponses incurred by the client if such loss or exponses incurred by the client if such loss or exponse	1511	15
PHOL P450 I PHOL 1005 41 Pholo 1005 41 Pholo 1005 41 Pholo 1005 41 Pholo 2007 208 Pholo 2008 2008 Pholo Pholo 2008 Pholo Pholo 2008 Pholo Pholo Pholo	7104	154
PI-102 10 00 11 Pi-102 10 10 10 10 11 Total 200.7 / 6010 200.8 / 6020: BRCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se / Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: BRCRA Sb As Ba Be Cd Cr Co Cu Fe Pb Mg Mn Mo Ni K Se / votice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$ for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotitated. Relinquished by: Received by: Signature) Date/Time Relinquished by: Relinquished by: Relinquished by: Signature) Received by: Rece	PIJUA	Part and a state of the state o
Pi-f0.2A V I/I/I/I I/I/I/I V/I/I/I/I V/I/I/I/I Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed BRCRA 13PPM Texas 11 AI Sb As Ba Be Cd Ca Cr Co Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: BRCRA Sb As Ba Be Cd Cr Co Cu Pb ce: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontract enco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will relinquished by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: 2	20HId	107
Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Bc Ca Cr Co Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA 13PPM Texas 11 Al Sb As Ba Bc Ca Cr Co ce: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontrac Be Cd Cr Co Cu Pb ce: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontrac enco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: 35 20 Relinquished by: 2	PitoZA	× × 104
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcont of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such of Xenco. A minimum charge of \$7.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms to Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished to reach project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms to Xenco, the Xenco Xenco, but not analyzed. These terms to Xenco, the Xenco Xenco, the Xenco Xenco, the Xenco Xenco, but not analyzed. These terms to Xenco, the Xenco Xenco, the client if such to Xenco, the Xenco Xenco Xenco, the Xenco Xenco Xenco Xenco Xenco, the Xenco X	Total 200.7 / 6010 Circle Method(s) a	200.8 / 6020: 8
rvice. Xenco will be liable only for the cost of samples and shall not assume any nucruiase order from client company to Xenco, its affiliates and subconco. 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 client if such and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms client if such and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms client if such and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms client if such and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if such and the second of \$100 the client if \$100 the c	ce: Signature of this docu	ument and relinquishment of samples constitutes a un
Will with the second	nco. A minimum charge	ble only for the cost of samples and shall not assume e of \$75.00 will be applied to each project and a charg
LAR 07.05.01	All 141 11	A Received by: (Sig

Released to Imaging: 4/20/2021 11:40:22 AM

Page 60 of 62

Final 1.002

Page 128 of 131

Page 125	ENCO	Hobbe NM /676	uston, TX (281) 240-4200 idland, TX (432-704-5440	Dallas,TX (214) 902-0300 San Antonio,T) EL Paso,TX (915)585-3443 Lubbock,T)	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		Work Order No: <u>6+6 444</u>
Project Manager:	Dan Moir		Bill to: (if different)	(400-355-0900) Atlan	Bill to: (if different) Kyle I ittrall	W	Page 5 of 5
Company Name:	LT Environmental, Inc.	c., Permian office	Company Name	YTO Enormy		Work Order Comments	mments
Address:	3300 North A Street		Address:	572 West Morris	2000 A	Program: UST/PST CRP Crownfields CRC	lds [RC {Dperfund [
City, State ZIP: N	Midland, Tx 79705		City. State 7IP-	Carlshad NM 00000		, H	
Phone: ((432) 236-3849	Email:			220	Level III	
Project Name:	DLU 71 RAUSHU	n 4000 1	•	1 on on Witch V. Colli		Deliverables: EDD ADaPT	Other:
Project Number:	01292003	Jean an ID.	Routine X		ANALYSIS REQUEST	ST	Work Order Notes
P.O. Number:	Eddy County		Rush:				
Sampler's Name:	Elizabeth Naka		Due Date:				
SAMPLE RECEIPT	н	Yes No We	P. Yee No				
Temperature (°C):		The	ICS INC				
Received Intact:	Yes No	Xee tee		_			
Cooler Custody Seals:	Yes No N/A	ect		-802 ⁻			
Sample Custody Seals:	Yes No N/A	Total Containers:		PA 0=		TA	TAT starts the day recevied by the
Sample Identification	cation Matrix	Date Time Sampled Sampled	Depth	TPH (EP, BTEX (EI Chloride			Sample Comments
PHOS	S	CH.01 02/12/00	1, 1	×			compre comments
ACOLL	J	0011 21/2/01	4 1	XXX		ai	discrete
				1 his			
				anno	Nort		
Circle Method(s) a	Interview Interview Circle Method(s) and Metallel to be produced	8		Sb As Ba Be B	Cd Ca Cr Co Cu Fe Pb Mg	Mn Mo Ni K Se An SiO2 Na Sr	TI Sh II V Zh
otice: Signature of this docun service. Xenco will be liable	nent and relinquishment of a	samples constitutes a valid p	itutes a valid purchase order from client of	t company to Xenco, its a	Service. Xenco will be liable only for the contract on samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard to company to Xenco, its affiliates and subcontractors. It assigns standard to company to Xenco, its affiliates and subcontractors.		1631/245.1/7470/7471:Hg
Xenco. A minimum charge c	of \$75.00 will be applied to e	s and shall not assume any re ach project and a charge of \$	sponsibility for any losses 5 for each sample submitte	s or expenses incurred i ad to Xenco, but not ana	Relinquic bod key (Cited and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	umstances beyond the control s previously negotiated.	
Culture by (Signature)	griature)	Received by: (Signature)	ire)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	DatoTime
and a really	live	Chitton	10:30	10:30 06 v8 2			Date/ I ime
				4			

Final 1.002

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: LT Environmental, Inc.	Acceptable Temperature R	Range: 0 - 6 degC
Date/ Time Received: 10.30.2020 08.48.00 AM	Air and Metal samples Acc	ceptable Range: Ambient
Work Order #: 676444	Temperature Measuring de	evice used : T_NM_007
Sample Recei	ot Checklist	Comments
#1 *Temperature of cooler(s)?	.8	
#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: 10.30.2020

Checklist reviewed by: Jessica Kramer

Date: 10.30.2020

CONDITIONS

Action 12991

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: XTO ENERGY, INC 6401 Holiday Hill Road Building #5 Midland, TX79707	OGRID: 5380	Action Number: 12991	Action Type: C-141
OCD Reviewer Condition			

rhamlet We have received your closure report and final C-141 for Incident #NRM2005160694 POKER LANE UNIT 21 BRUSHY DRAW 903H, thank you. This closure is approved.