State of New Mexico Oil Conservation Division

Incident ID	nAPP2134844762
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 item	ns must be included in the closure report.		
	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 D	District office must be notified 2 days prior to final sampling)		
Description of remediation activities			
,			
all operators are required to report and/or file certain release notifications and environment. The acceptance of a C-141 report by the OCD does not relieve to	face water, human health or the environment. In addition, OCD acceptance of a		
Printed Name: Stephen W. Weathers, P.G.	Title: Principal Environmental Specialist		
Signature:	Date: 03-10-22		
email: SWWeathers@dcpmidstream.com	Telephone: 303.619.3042		
OCD Only			
Received by: Robert Hamlet	Date: 9/14/2022		
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: 9/14/2022		
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced		
	/		

State of New Mexico Oil Conservation Division

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Site Assessment/Characterization

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

	_(ft bgs)		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant	es No		
watercourse?	es 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)?	es No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	es 🛛 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?	es 🛛 No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	es 🛛 No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	es 🛛 No		
Are the lateral extents of the release within 300 feet of a wetland?	es 🛛 No		
Are the lateral extents of the release overlying a subsurface mine?	es 🛛 No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	es 🛛 No		
Are the lateral extents of the release within a 100-year floodplain?	es 🛛 No		
Did the release impact areas not on an exploration, development, production, or storage site?	es 🛛 No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release 			

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.

Boring or excavation logs

▼ Topographic/Aerial maps

Photographs including date and GIS information

□ Laboratory data including chain of custody

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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: Stephen W. Weathers, P.G. Signature:	Title: Principal Environmental Specialist Date: 3-10-22
email: SWWeathers@dcpmidstream.com	Telephone: 303.619.3042
OCD Only	
Received by:	Date:

State of New Mexico Oil Conservation Division

Incident ID	nAPP2134844762
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Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.			
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation points ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 			
Deferral Requests Only: Each of the following items must be con-	firmed as part of any request for deferral of remediation.		
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.			
Extents of contamination must be fully delineated.			
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: Stephen W. Weathers, P.G.	Title: Principal Environmental Specialist		
Signature:	Date: 03-10-22		
email: SWWeathers@dcpmidstream.com	Telephone: 303.619.3042		
OCD Only			
Received by:	Date:		
Approved Approved with Attached Conditions of A	Approval Denied Deferral Approved		
Signature:	Date:		

State of New Mexico Oil Conservation Division

Incident ID	nAPP2134844762
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 item	ns 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			
· ·			
all operators are required to report and/or file certain release notifications and environment. The acceptance of a C-141 report by the OCD does not relieve	face water, human health or the environment. In addition, OCD acceptance of a		
Printed Name: Stephen W. Weathers, P.G.	Title: Principal Environmental Specialist		
Signature:	Date: 03-10-22		
email: SWWeathers@dcpmidstream.com	Telephone: 303.619.3042		
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:		







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Remediation and Closure Report

10220D Gathering Line Release K-12-24S-28E Eddy County, New Mexico Incident # nAPP2134844762

Prepared For:

DCP Midstream, LP 370 17th Street, Suite 2500 Denver, CO 80202-5604

Prepared By:

Talon/LPE 408 W. Texas Avenue Artesia, New Mexico 88210

March 18, 2022



Mike Bratcher **NMOCD** 811 S. First Street Artesia, NM 88210 Jim Amos **BLM**620 E. Greene Street
Carlsbad, NM 88220

Subject: Remediation and Closure Report

10220D Gathering Line Release

K-12-24S-28E

Eddy County, New Mexico Incident # nAPP2134844762

Dear Mr. Bratcher and Mr. Amos,

DCP Midstream, LP, contracted Talon/LPE (Talon) to perform assessment and remediation services at the above referenced location. The incident description, sampling results, remedial actions and closure request is presented herein.

Site Information

The DCP 10220D 6-inch Gathering Line is located approximately 4.8 miles southeast of Loving, New Mexico. The legal location for this release is Unit Letter K, Section 12, Township 24 South and Range 28 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.2314183 and -104.0421290. A Site Location Map (Figure 1) is presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in the project area is made up of Arno-Harkey complex, saline, 0 to 1 percent slopes in an alluvial flood plain setting, comprised of silty clay and loam. The referenced soil data is presented in Appendix II. Per the New Mexico Bureau of Geology and Mineral Resources, the local geology consists of alluvium and piedmont alluvial deposits, Holocene to lower Pleistocene in age.

Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 163 feet below ground surface (bgs) with groundwater water below surface as shallow as 7 feet. See Appendix II for the referenced groundwater data. Further research of the Bureau of Land Management Karst data indicates that this site is not located within a potential Karst area (Figure 5).

If a release occurs within the following areas, the responsible party must treat the release as if it occurred in an area where the groundwater is less than 50 feet bgs, Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29 NMAC.

Approximate Depth	to Groundwater	163	Feet/bgs
⊠Yes □No	Within 200 foot of any continuously flow	ing watercou	recor
⊠res □ino	Within 300 feet of any continuously flowi any other significant watercourse	ing watercou	ise oi
□Yes ⊠No	Within 200 feet of any lakebed, sinkhole	or a playa la	ake
□Yes ⊠No	Within 300 feet from an occupied perma school, hospital, institution or church	nent residen	ce,
∐Yes ⊠No	Within 500 feet of a spring or a private, of well used by less than five households watering purposes		
∐Yes ⊠No	Within 1000 feet of any freshwater well of	or spring	
∐Yes ⊠No	Within incorporated municipal boundarie municipal freshwater well field covered ordinance adopted pursuant to Section	d under a mւ	ınicipal
⊠Yes	Within 300 feet of a wetland		
∐Yes ⊠No	Within the area overlying a subsurface n	nine	
∐Yes ⊠No	Within an unstable area		
⊠Yes □No	Within a 100-year floodplain		

Because the release occurred within 300' of a watercourse and within a 100-year flood plain, the soil clean-up criteria for this site per NMAC 19.15.29 is as follows:

Table I Closure Criteria for Soils Impacted by a Release			
Constituent	Method	Limit	
Total Chlorides	EPA 300.0 or SM4500 CI B	600 mg/kg	
TPH (CRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg	
	FPA SW-846 Method 8021B	50 mg/kg	
5,2,	or 8260B	33 mg/ng	
Benzene	EPA SW-846 Method 8021B	10 mg/kg	
	Closure Criteria for Soils Constituent Total Chlorides TPH (GRO+DRO+MRO) BTEX	Closure Criteria for Soils Impacted by a Release Constituent Method Total Chlorides EPA 300.0 or SM4500 CI B TPH (GRO+DRO+MRO) BTEX EPA SW-846 Method 8015M or 8260B	

Incident Description

Due to corrosion on a 6-inch steel line, a release occurred in an isolated ponding, trapped backwater area near the Pecos River. It is estimated that 0.2 barrels (bbls) of crude oil, 0.2 bbls of produced water and 3.8 mcf of natural gas were released. The line was isolated and blown down. A C-141 spill notification was filed with the NMOCD and is referenced in Appendix III. The site maps are presented in Appendix I.

Site Assessment

On December 06, 2022, Talon mobilized personnel and equipment to the site to respond to the release, conducting an initial site assessment. Absorbent pads were utilized to remove surface hydrocarbons and a hydrovac dispatched on three separate occasions to remove the impacted water. The area was mapped utilizing a hand held gps, photographed and sampled using a hand auger for sediment areas and a disposable teflon bailer to collect water samples. Background surface water samples were also collected upgradient and downgradient of the impacted area from the Pecos River. Soil sample laboratory results are presented in Table I, surface water sample analytical results are presented in Table II.

On January 06, 2022, the 10220D Line was repaired. A poly line was inserted as a sleeve into the 6-inch steel line and the line was then re-energized. The pond was hydroexcavated in order to remove any impacted sediments and residual chlorides that may have leached during line repair. Upon recharge of the ponding area, surface water confirmation samples were obtained. The analytical results of all water sampling events are presented in Table II, and corresponding laboratory reported are attached in Appendix V.

On January 12, 2022, based on the laboratory results from the initial site assessment and upon client authorization, Talon personnel and equipment were mobilized to the site to commence soil/sediment remediation of the impacted pond area. Chloride field titration data was used to guide the excavation. The excavated area measured approximately 45 feet long, 25 feet wide and approximately 1-2 feet deep. Composite soil samples were collected from the bottom and sidewalls of the excavated area, as well as from background locations. Confirmation sample locations are illustrated on Figure 3 (Appendix I).

The soil and groundwater samples were contained in appropriately preserved, laboratory supplied sample containers. The samples were maintained on ice, in the custody of Talon personnel, until they were transported to the analytical laboratory. The samples were quantified for Total Chlorides (EPA Method 300.0), TPH (EPA Method 8015M), BTEX (EPA Method 8021B) and Total Dissolved Solids (TDS, Method 2540C). Sample locations are shown on the attached Figure 2 (Appendix I), the results of soil and water sampling events are presented on the following data tables.

Table ISoil Sample Laboratory Results

Sui Sample Laboratory Results									
Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD To	able 1 Closure	Criteria	50	10	DRO	+ GRO +	MRO	100	600
19	9.15.29 NMAC		mg/kg	mg/kg	combi	ned = 100	mg/kg	mg/kg	mg/kg
S-1	12/27/2021	0'	ND	ND	ND	1950	ND	1950	1060
S-1A	1/12/2022	1'	0.00349	0.000445	ND	ND	ND	ND	789
S -2	12/27/2021	0'	ND	ND	20.8	150	ND	170.8	4300
S-2A	1/12/2022	1'	0.00911	0.00166	16.3	ND	ND	16.3	985
S-3	12/27/2021	0'	ND	ND	20.5	112	ND	132.5	6290
S-3A	1/12/2022	1'	ND	ND	ND	20.5	ND	20.5	651
S-4	12/27/2021	0'	ND	ND	31.3	37.8	ND	69.1	931
S-4A	1/12/2022	1'	0.0420	0.0193	20.5	ND	ND	20.5	1060
S -5	12/27/2021	0'	0.00119	0.00199	29.5	77.5	ND	107	3190
S-5A	1/12/2022	1'	0.0174	0.00911	ND	ND	ND	ND	978
S -6	12/27/2021	0'	ND	ND	29	21.4	ND	50.4	1090
S-6A	1/12/2022	1'	0.0131	0.000654	ND	ND	ND	ND	462
S-7A	1/12/2022	1'	0.435	0.0814	19.9	ND	ND	19.9	1230
*Surface	1/27/2022	1.5'	ND	ND	23.4	20.1	ND	43.5	314
SW1	1/13/2022	1'	0.00713	0.000648	18.6	ND	ND	18.6	543
SW2	1/13/2022	1'	ND	ND	24.1	ND	ND	24.1	566
SW3	1/13/2022	1'	0.0109	0.000435	15.3	ND	ND	15.3	381
SW4	1/13/2022	1'	0.00281	0.000742	ND	19.4	ND	19.4	516
SW5	1/13/2022	1'	0.00648	0.000600	ND	28.9	ND	28.9	811
SW6	1/13/2022	1'	ND	ND	ND	24.0	ND	24.0	447
SW7	1/13/2022	1'	ND	ND	ND	21.9	ND	21.9	236
ND = anal	yte not detecte	d :	SW= Sidewa	all * 5	Point Bot	tom Comp	osite Surf	ace Pond I	Bottom

See Appendix V for the complete report of laboratory results.

Table IISurface Water Sample Laboratory Results

Sample ID	Sample Date	Benzene mg/L	Toluene mg/L	Ethylbenzene mg/L	Xylenes mg/L	Total TPH mg/L	Chlorides mg/L	Net CL mg/L	TDS mg/L
20.6.2 NMAC Wa	ter Quality	0.005 mg/L	1.0 mg/L	0.7 mg/L	0.62 mg/L		250 mg/L		**1,000 mg/L
	12/6/2021	1.94	1.13	ND	0.127	87.83	4130	3,030	
SOURCE-POND	1/28/2022	ND	ND	ND	ND	ND	2230	870	
	3/10/2022	NT	NT	NT	NT	NT	NT		15,400
UPSTREAM	12/6/2021	ND	ND	ND	ND	ND	1100 *		
UPGRADIENT	1/28/2022	ND	ND	ND	ND	ND	1360 *		
OFGRADIENT	3/10/2022	NT	NT	NT	NT	NT	NT		5680
DOMESTO	12/6/2021	ND	ND	ND	ND	ND	1140		
DOWNSTREAM DOWNGRADIENT	1/28/2022	ND	ND	ND	ND	ND	1350		
DOWNGRADIENT	3/10/2022	NT	NT	NT	NT	NT	NT		4450
ND = Analyte No	ot Detected N	IT=Analyte N	lot Tested	* Background Ch	loride Level	s **>1,	000 mg/L No	n Potable	Water

See Appendix V for the complete report of laboratory results.

On January 17, 2022, based on elevated chloride levels in ponding sediment, Talon personnel returned to the site in order to collect a background soil sample for analytical analysis. A discreet soil sample (BG-6) was taken 50 feet from the source between the Pecos River and the ponding area. The soil sample was maintained on ice, in the custody of Talon personnel, until they were transported to the analytical laboratory. The sample was quantified for Total Chlorides (EPA Method 300.0). The results are presented in the following data table.

Table IIIBackground Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
	NMOCD Table 1 Closure Criteria 19.15.29 NMAC			10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
*BG-6	1/17/2022	0-1'	NT	NT	NT	NT	NT	-	9800
	NT = Analyte Not Tested * Background Sample								

See Appendix V for the complete report of laboratory results.

Remedial Actions

- The impacted surface water in the ponding area was evacuated three times utilizing hydrovacs during remediation activities.
- The impacted soils adjacent to the repaired DCP line were hydroexcavated.
- The entire impacted ponding area was excavated utilizing a backhoe to a depth of 1-2 feet bgs.
- All contaminated soil (506 tons) was transported to Lea Land, LLC, a NMOCD approved solid waste disposal facility.
- All impacted surface water (1,112 bbls) was transported and disposed of at R360, and Delaware Basin landfill, NMOCD approved waste disposal facilities.
- Upstream, downstream, and ponding area (source) surface water samples were collected and tested for Total Chlorides, TPH, BTEX, and TDS. Laboratory results for TDS indicate that the Pecos River water is not considered a potable water source in accordance with New Mexico Water Quality Control Comission (NMWQCC) standards, NMAC 20.6.2. Source confirmation sample analysis indicate Benzene, Toluene, Ethylbenzene and Total Xylenes are below NMWQCC standards and below laboratory method detection limits (MDLs). TPH was also not detected within the laboratory MDLs. Total Chlorides at the source, upgradient and downgradient sample locations were all found to be in excess of NMWQCC standards. However, as stated previously, this portion of the Pecos River is not considered potable water.
- Analytical analysis of confirmation soil samples indicate that BTEX, Benzene, and TPH are all below 19.15.29 NMAC Table I, NMOCD Closure Criteria. Confirmation analytical results for Total Chlorides were shown to be considerably less than background levels as indicated by background sample BG-6 (Table III, Figure 3).
- Upon regulatory approval of closure report by all parties of concern, the ponding area will have river rock placed in the bottom of the excavation, restoring the site to pre-incident natural conditions.

Closure

Based on this site characterization, completed remedial actions, and confirmation analytical results, we request that no further actions be required and that closure with regard to this incident be granted.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-746-8768.

Respectfully submitted,

Talon/LPE

Rebecca S. Pons Senior Environmental Project Manager David J. Adkins Regional Manager

Attachments:

Appendix I Site Maps

Appendix II Groundwater Data, Soil Survey

Appendix III C-141 Forms

Appendix IV Photographic Documentation

Appendix V Laboratory Data



Appendix I

Site Maps



TALON

Drafted: 3/8/2022 1 in = 500 ft

Drafted By: JAI

DCP Midstream, LP 10220D Line Leak Eddy County, New Mexico Figure 1 - Site Location Map



Released to Imaging: 9/14/2022 11:42:31 AM

1 in = 50 ft

Drafted By: JAI

10220D Line Leak Eddy County, New Mexico Figure 2 - Assessment and Soil Sample Map

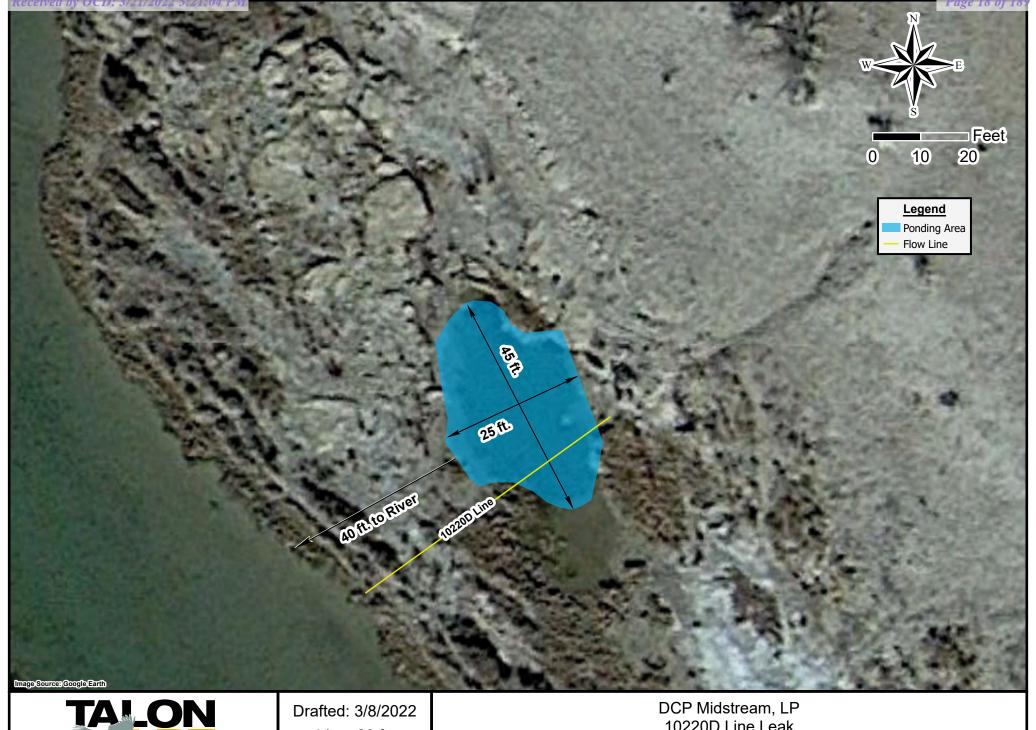


TALON Released to Imaging: 9/14/2022 11:42-31 AM

1 in = 20 ft

Drafted By: JAI

10220D Line Leak Eddy County, New Mexico Figure 3 - Confirmation Map

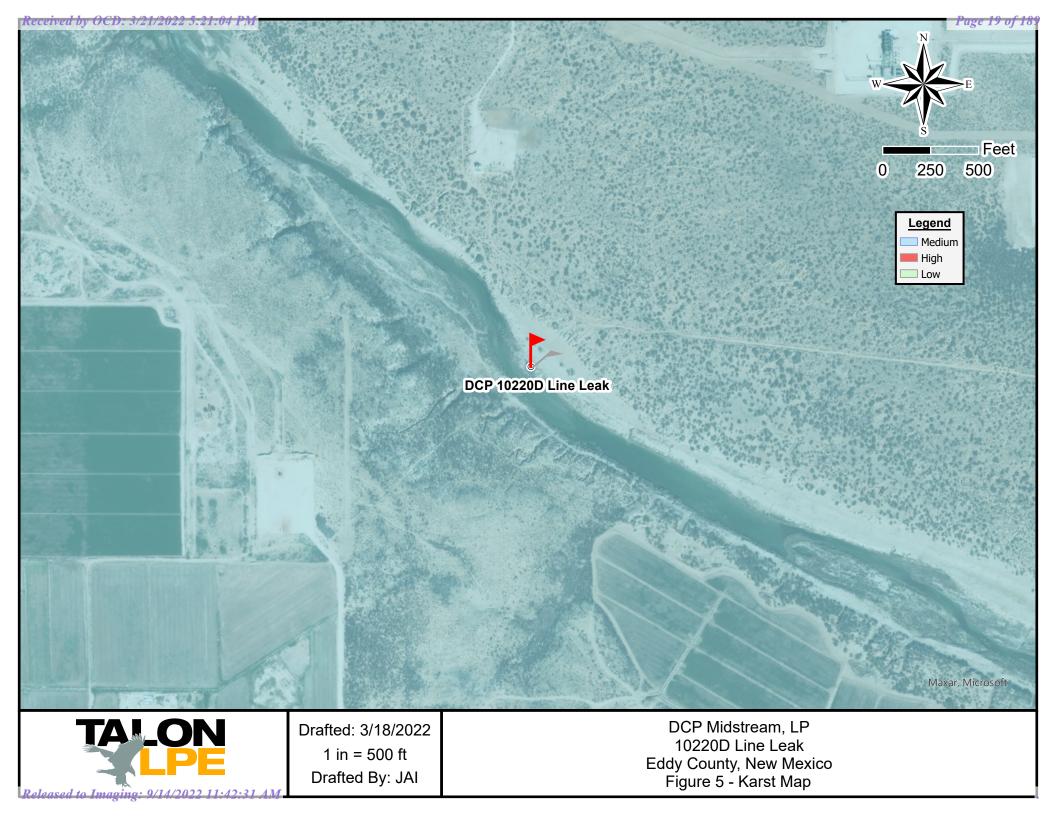


Released to Imaging: 9/14/2022 11:42:31 AM

1 in = 20 ft

Drafted By: JAI

DCP Midstream, LP
10220D Line Leak
Eddy County, New Mexico
Figure 4 - Confirmation Measure Map



National Flood Hazard Layer FIRMette





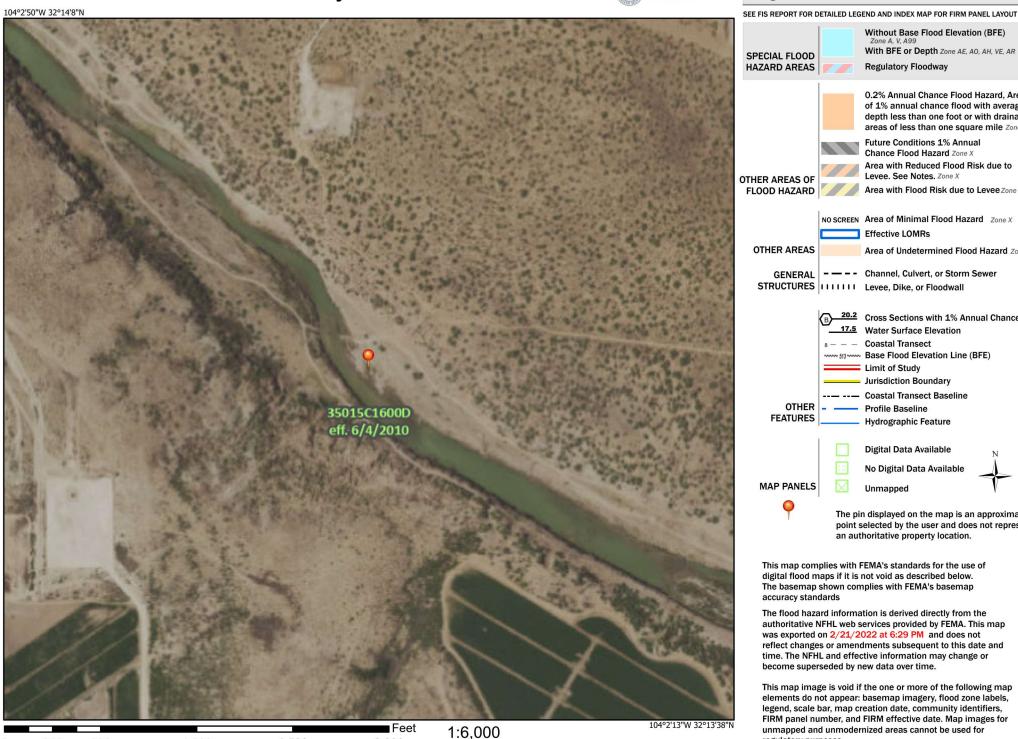
Legend

Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD **HAZARD AREAS** Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D GENERAL - - - Channel, Culvert, or Storm Sewer STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary --- Coastal Transect Baseline **OTHER** Profile Baseline **FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate

point selected by the user and does not represent an authoritative property location. This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map

was exported on 2/21/2022 at 6:29 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





Appendix II

Groundwater Data Soil Survey



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

		POD													
POD Number	Code	Sub-	County	_	Q 16	_		Twe	Rno	X	Y	DistanceDe	pthWellDep		Water Tolumn
<u>C 02199</u>	Couc	C	ED	UT	10			24S	25E	560089	3568282*	1797	150	tii watei (Joiumn
<u>C 02027</u>		C	ED		4	2	13	24S	25E	561910	3564888*	2307	350	163	187
<u>C 00669</u>		C	ED	2	4	3	07	24S	26E	562799	3565796*	2640	330	250	80
<u>C 02879</u>		C	ED	3	3	1	35	23S	25E	558965	3569565*	3331	811	511	300
<u>C 01720</u>		C	ED		1	3	31	23S	26E	562290	3569291*	3462	398	378	20
<u>C 00957</u>		C	ED		1	4	18	24S	26E	563106	3564511*	3474	753	650	103
<u>C 01228</u>		C	ED			3	04	24S	25E	556071	3567462*	4291	565	440	125
<u>C 02201</u>		CUB	ED		4	4	05	24S	25E	555464	3567260*	4848	20	15	5
<u>C 02202</u>		CUB	ED		4	4	05	24S	25E	555464	3567260*	4848	20	15	5
C 02203 POD1		CUB	ED	3	4	4	05	24S	25E	555408	3567162	4889	900	800	100
<u>C 02972</u>		C	ED	2	4	2	05	24S	25E	555554	3568168*	4987	20	7	13

Average Depth to Water:

322 feet

Minimum Depth:

7 feet 800 feet

Maximum Depth:

Record Count: 11

UTMNAD83 Radius Search (in meters):

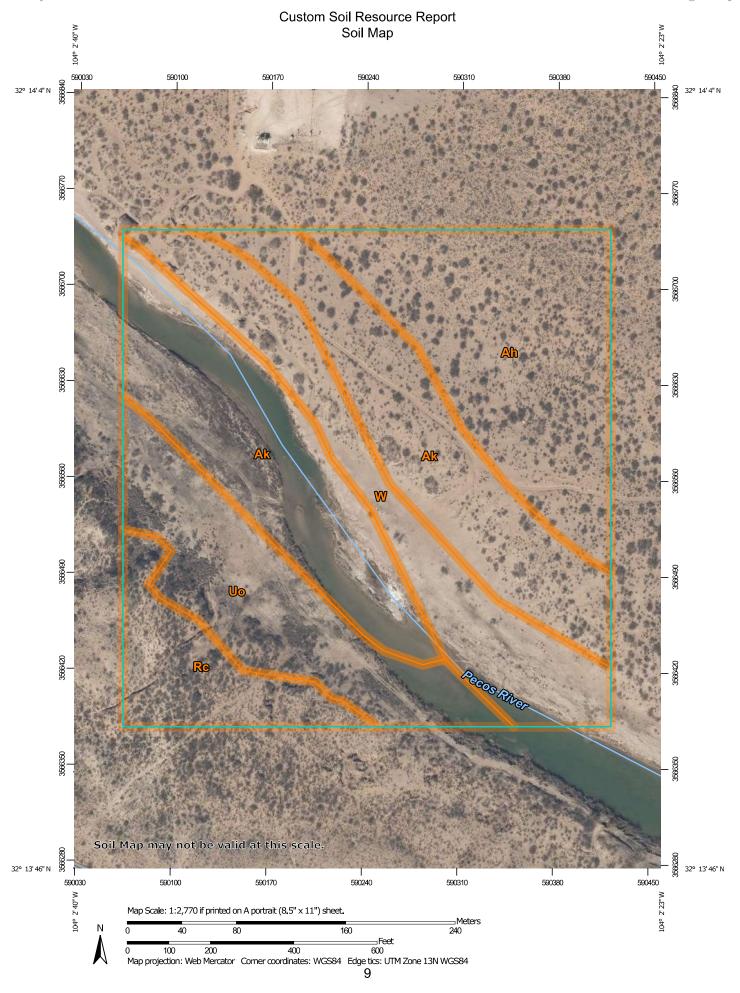
Easting (X): 560251.5 **Northing (Y):** 3566492.33 **Radius:** 5000

*UTM location was derived from PLSS - see Help

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

2/21/22 11:32 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



The orthophoto or other base map on which the soil lines were

compiled and digitized probably differs from the background

imagery displayed on these maps. As a result, some minor

shifting of map unit boundaries may be evident.

This product is generated from the USDA-NRCS certified data as distance and area. A projection that preserves area, such as the contrasting soils that could have been shown at a more detailed Maps from the Web Soil Survey are based on the Web Mercator Date(s) aerial images were photographed: Feb 27, 2020—Feb Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil projection, which preserves direction and shape but distorts Soil map units are labeled (as space allows) for map scales Source of Map: Natural Resources Conservation Service Albers equal-area conic projection, should be used if more The soil surveys that comprise your AOI were mapped at 1:20,000. line placement. The maps do not show the small areas of Please rely on the bar scale on each map sheet for map accurate calculations of distance or area are required. Coordinate System: Web Mercator (EPSG:3857) MAP INFORMATION Warning: Soil Map may not be valid at this scale. Version 17, Sep 12, 2021 Soil Survey Area: Eddy Area, New Mexico of the version date(s) listed below. Web Soil Survey URL: Survey Area Data: 1:50,000 or larger measurements. 28, 2020 Special Line Features Streams and Canals Interstate Highways Aerial Photography Very Stony Spot Major Roads Local Roads Stony Spot Spoil Area **US Routes** Wet Spot Other Nater Features **Transportation 3ackground** MAP LEGEND W Ī Soil Map Unit Polygons Severely Eroded Spot Area of Interest (AOI) Soil Map Unit Points Miscellaneous Water Soil Map Unit Lines Closed Depression Marsh or swamp Perennial Water Mine or Quarry Special Point Features **Gravelly Spot** Rock Outcrop Saline Spot Sandy Spot Slide or Slip Gravel Pit Sodic Spot **Borrow Pit** Lava Flow Clay Spot Area of Interest (AOI) Sinkhole Blowout Landfill 9 Soils

Eddy Area, New Mexico

Ah—Anthony sandy loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w3x Elevation: 3,000 to 4,000 feet

Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 200 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Anthony and similar soils: 95 percent *Minor components*: 5 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Anthony

Setting

Landform: Flood plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear Across-slope shape: Linear

Parent material: Alluvium derived from sedimentary rock

Typical profile

H1 - 0 to 6 inches: sandy loam H2 - 6 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00

in/nr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 2s Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: A

Ecological site: R042XC005NM - Deep Sand

Hydric soil rating: No

Minor Components

Harkey

Percent of map unit: 3 percent

Landform: Flood plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear Across-slope shape: Linear

Ecological site: R042XC036NM - Salt Flats

Hydric soil rating: Yes

Arno

Percent of map unit: 2 percent Landform: Flood plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Linear Across-slope shape: Linear

Ecological site: R042XC033NM - Salty Bottomland

Hydric soil rating: Yes

Ak—Arno-Harkey complex, saline, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w3y Elevation: 3,000 to 4,200 feet

Mean annual precipitation: 10 to 16 inches Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 180 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Arno and similar soils: 50 percent Harkey and similar soils: 25 percent Minor components: 25 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Arno

Setting

Landform: Flood plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Linear Across-slope shape: Linear Parent material: Alluvium

Typical profile

H1 - 0 to 9 inches: silty clay loam H2 - 9 to 60 inches: silty clay

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately

low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches Frequency of flooding: OccasionalNone

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Gypsum, maximum content: 5 percent

Maximum salinity: Moderately saline to strongly saline (8.0 to 32.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 5.7 inches)

Interpretive groups

Land capability classification (irrigated): 6s Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R042XC033NM - Salty Bottomland

Hydric soil rating: No

Description of Harkey

Setting

Landform: Flood plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Alluvium derived from sedimentary rock

Typical profile

H1 - 0 to 9 inches: very fine sandy loam H2 - 9 to 60 inches: very fine sandy loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high

(0.60 to 2.00 in/hr)

Depth to water table: About 48 to 72 inches Frequency of flooding: OccasionalNone

Frequency of ponding: None

Calcium carbonate, maximum content: 30 percent

Gypsum, maximum content: 2 percent

Maximum salinity: Slightly saline to strongly saline (4.0 to 16.0 mmhos/cm)

Sodium adsorption ratio, maximum: 13.0

Available water supply, 0 to 60 inches: Low (about 6.0 inches)

Interpretive groups

Land capability classification (irrigated): 2s Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R042XC036NM - Salt Flats

Hydric soil rating: No

Minor Components

Unnamed soils

Percent of map unit: 23 percent

Hydric soil rating: No

Pima variant

Percent of map unit: 1 percent

Landform: Flood plains, alluvial flats, alluvial fans Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear Across-slope shape: Linear, convex

Ecological site: R042XC017NM - Bottomland

Hydric soil rating: Yes

Anthony

Percent of map unit: 1 percent Landform: Flood plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Ecological site: R042XC004NM - Sandy

Hydric soil rating: Yes

Rc—Reagan loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w5l Elevation: 1,100 to 5,300 feet

Mean annual precipitation: 7 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 97 percent

Minor components: 3 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam H2 - 8 to 82 inches: loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high

(0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 6c

Hydrologic Soil Group: B

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Minor Components

Reeves

Percent of map unit: 1 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Reagan

Percent of map unit: 1 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Upton

Percent of map unit: 1 percent

Ecological site: R042XC025NM - Shallow

Hydric soil rating: No

Uo—Upton gravelly loam, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w67 Elevation: 1,100 to 4,400 feet

Mean annual precipitation: 7 to 15 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Upton and similar soils: 96 percent *Minor components:* 4 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Upton

Setting

Landform: Ridges, fans

Landform position (three-dimensional): Side slope, rise

Down-slope shape: Convex Across-slope shape: Convex

Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam H2 - 9 to 13 inches: gravelly loam H3 - 13 to 21 inches: cemented

H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high

(0.01 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 75 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R042XC025NM - Shallow

Hydric soil rating: No

Minor Components

Atoka

Percent of map unit: 1 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Upton

Percent of map unit: 1 percent

Ecological site: R042XC025NM - Shallow

Hydric soil rating: No

Atoka

Percent of map unit: 1 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Reagan

Percent of map unit: 1 percent Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

W-Water

Map Unit Composition

Water: 100 percent

Estimates are based on observations, descriptions, and transects of the mapunit.



Appendix III

C-141 Forms

NMOCD Correspondence

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2134844762
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: DCP Midstream, LP	OGRID 36785	
Contact Name: Stephen W. Weathers, P.G.	Contact Telephone 303.605.1718	
Contact email: SWWeathers@dcpmidstream.com	Incident # (assigned by OCD)	
Contact mailing address: 370 17 th Street, Suite 2500, Denver Colorado 80202-5604		

Location of Release Source

Latitude 32.2314183

Longitude

-104.0421290

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: 10220D Line	Site Type: 6" Gathering Line
Date Release Discovered 12-6-21	API#

Unit Letter	Section	Township	Range	County
K	12	24S	28E	Eddy

Surface Owner: State Federal Tribal Private (Name: Faulk, Kay W & Donald)

Nature and Volume of Release

Crude Oil	Volume Released (bbls) <0.2	Volume Recovered (bbls) 0
Produced Water	Volume Released (bbls) <0.2	Volume Recovered (bbls) 0
	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) 3.8	Volume Recovered (Mcf) 0
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Corrosion on a 6-inch steel line. The line was isolated and blown down.

The release did not hit the Pecos River, but was contained in an isolated backwater area. A fish kill was noted, 245 total dead minnows associated with this release. Three (3) minnows were kept and preserved for identification, the remaining were disposed of.

Released to Imaging: 9/14/2022 11:42:31 AM

State of New Mexico
Oil Conservation Division

. M!		2 1180 0 7 0
Mexico	Incident ID	nAPP2134844762
on Division	District RP	
	Facility ID	
	Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☑ No	If YES, for what reason(s) does the response	onsible party consider this a major release?					
If YES, was immediate no	tice given to the OCD? By whom? To w	hom? When and by what means (phone, email, etc)?					
Immediate notice was giv	en by DCP to the NMOCD, NMED, BLM	NRC and EPA.					
	Initial Res	ponse					
The responsible part	y must undertake the following actions immediately u	nless they could create a safety hazard that would result in injury					
☐ The source of the rele	ase has been stopped.						
☐ The impacted area has	s been secured to protect human health and	the environment.					
Released materials have	ve been contained via the use of berms or c	likes, absorbent pads, or other containment devices.					
All free liquids and ree	coverable materials have been removed and	d managed appropriately.					
has begun, please attach a	narrative of actions to date. If remedial e	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.					
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: Stephen W		Title: Principal Environmental Specialist					
Signature:	e s	Date: 12-20-21					
email: SWWeathers@dcpr		Telephone: 303.619.3042					
OCD Only							
Received by:		Date:					

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State of New Mexico

Oil Conservation Division

	Page 35	of 189
Incident ID	nAPP2134844762	
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.

Did this release impact groundwater or surface water? Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? 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? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes ⊠ No Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? 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? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes No Yes No Yes No Yes No 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)? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? 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? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes No Yes No Yes No Yes No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? 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? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes No Yes No 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? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?] Yes ⊠ No		
by less than five households for domestic or stock watering purposes? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? 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 incorporated municipal boundaries or within a defined municipal fresh water well field?			
water well field?	l vas M Na		
] 162 M 140		
Are the lateral extents of the release within 300 feet of a wetland?] Yes ⊠ No		
Are the lateral extents of the release overlying a subsurface mine?] Yes ⊠ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?] Yes ⊠ No		
Are the lateral extents of the release within a 100-year floodplain?] Yes ⊠ No		
Did the release impact areas not on an exploration, development, production, or storage site?] Yes ⊠ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within 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.

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Received by OCD: 3/21/2022 5:21:04 PM Form C-141 State of New Mexico

Oil Conservation Division

Page 36 of 189 nAPP2134844762 Incident ID District RP Facility ID Application ID

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: Stephen W. Weathers, P.G. Title: Principal Environmental Specialist Signature: Date: 3-10-22 email: SWWeathers@dcpmidstream.com Telephone: 303.619.3042 **OCD Only** Received by: Date:

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

Form C-141 Page 5 State of New Mexico Oil Conservation Division

Incident ID	nAPP2134844762
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e included in the plan.
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation point ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29. ☑ Proposed schedule for remediation (note if remediation plan times) 	12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con ☐ Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.
I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Stephen W. Weathers, P.G.	Title: Principal Environmental Specialist
Signature:	Date: 03-10-22
email: SWWeathers@dcpmidstream.com	Telephone: 303.619.3042
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of	Approval Denied Deferral Approved
Signature:	Date:

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State of New Mexico Oil Conservation Division

Incident ID	nAPP2134844762
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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 item	ns 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 must be notified 2 days prior to liner inspection)	the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC D	District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
· ·	
all operators are required to report and/or file certain release notifications and environment. The acceptance of a C-141 report by the OCD does not relieve	face water, human health or the environment. In addition, OCD acceptance of a
Printed Name: Stephen W. Weathers, P.G.	Title: Principal Environmental Specialist
Signature:	Date: 03-10-22
email: SWWeathers@dcpmidstream.com	Telephone: 303.619.3042
OCD Only	
Received by:	Date:
	liability should their operations have failed to adequately investigate and ter, human health, or the environment nor does not relieve the responsible regulations.
Closure Approved by:	Date:
Printed Name:	Title:

From: Hamlet, Robert, EMNRD

To: Rebecca Pons

Cc: Bratcher, Mike, EMNRD; Velez, Nelson, EMNRD; Nobui, Jennifer, EMNRD; Hensley, Chad, EMNRD

Subject: (Extension Approval) NAPP2134844762 10220D LINE

Date: Tuesday, March 8, 2022 10:49:54 AM

Attachments: image002.jpg image003.png

This message originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

RE: Incident #NAPP2134844762

Rebecca,

Your request for an extension to **March 20th, 2022** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

http://www.emnrd.state.nm.us/OCD/



From: Rebecca Pons < <u>rpons@talonlpe.com</u>>

Sent: Monday, March 7, 2022 3:44 PM

To: Hensley, Chad, EMNRD < chad.Hensley@state.nm.us>

Subject: [EXTERNAL] Por Favor

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

I am working on the closure report for the DCP Line Release Incident No. #nAPP2134844762 and I am requesting a (2) week extension for the purpose of pending laboratory data. I would also like to test for TDS due to ENRMD Drinking Water Standards. Please advise me.

Thank you for your consideration.

Rebecca Pons

Senior Environmental Project Manager

Office: 575.746.8768 x708 Direct: 575.616.4023 Cell: 575.441.0980 Fax: 575.746.8905 Emergency: 866.742.0742 Web: www.talonlpe.com

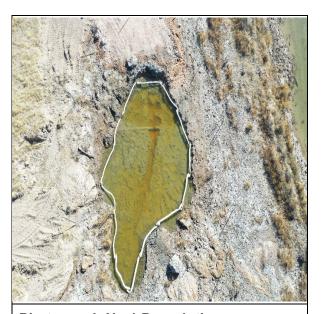




Appendix IV

Photographic Documentation





Photograph No.1 Description:

Clean up at source, drone image



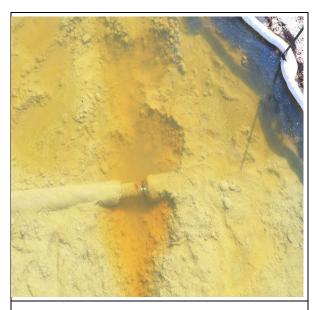
Photograph No.2 Description:

Hydrovac of ponding area



Photograph No.3 Description:

Excavation at source



Photograph No.4 Description:

Repaired line





Photograph No.5 Description:

Ponding area restored to natural state



Photograph No.6 Description:

Recharge of ponding area



Appendix V

Laboratory Data



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-1683-1

Laboratory Sample Delivery Group: 700702.119.01

Client Project/Site: DCP 10220 D Line Leak

For:

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: David Adkins

MAMER

Authorized for release by: 12/14/2021 10:33:14 AM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

.....LINKS

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Released to Imaging: 9/14/2022 11:42:31 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Talon/LPE
Laboratory Job ID: 890-1683-1
Project/Site: DCP 10220 D Line Leak
SDG: 700702.119.01

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Definitions/Glossary

Client: Talon/LPE Job ID: 890-1683-1 Project/Site: DCP 10220 D Line Leak SDG: 700702.119.01

Qualifiers

GC VOA

Qualifier **Qualifier Description**

U Analyte was not detected at or above the SDL. Χ Surrogate recovery exceeds control limits

GC Semi VOA

Qualifier **Qualifier Description**

N1 MS, MSD: Spike recovery exceeds upper or lower control limits.

U Analyte was not detected at or above the SDL.

HPLC/IC

Qualifier **Qualifier Description**

N1 MS, MSD: Spike recovery exceeds upper or lower control limits.

U Analyte was not detected at or above the SDL.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid **CFU** Colony Forming Unit Contains No Free Liquid **CNF**

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present **Practical Quantitation Limit** PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Talon/LPE

Project/Site: DCP 10220 D Line Leak

Job ID: 890-1683-1

SDG: 700702.119.01

Job ID: 890-1683-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-1683-1

Receipt

The samples were received on 12/6/2021 2:01 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.6°C

GC VOA

Method 8021B: The following sample was diluted due to the nature of the sample matrix: Source (890-1683-1) at 20.0. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 890-1683-1

Client: Talon/LPE Project/Site: DCP 10220 D Line Leak SDG: 700702.119.01

Client Sample ID: Source Lab Sample ID: 890-1683-1

Matrix: Water

Date Collected: 12/06/21 11:50 Date Received: 12/06/21 14:01

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.94		0.0400	0.00816	mg/L			12/10/21 12:47	20
Toluene	1.13		0.0400	0.00734	mg/L			12/10/21 12:47	20
Ethylbenzene	< 0.0400	U	0.0400	0.0131	mg/L			12/10/21 12:47	20
m-Xylene & p-Xylene	0.127		0.0800	0.0126	mg/L			12/10/21 12:47	20
o-Xylene	<0.0400	U	0.0400	0.0128	mg/L			12/10/21 12:47	20
Xylenes, Total	0.127		0.0800	0.0128	mg/L			12/10/21 12:47	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	X	70 - 130					12/10/21 12:47	20
1,4-Difluorobenzene (Surr)	135	X	70 - 130					12/10/21 12:47	20
Total BTEX Method: 8015 NM - Diesel Rai	3.20 nge Organic	s (DRO) (0	0.0800 GC)	0.0131	mg/L			12/09/21 09:17	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	87.8		4.44	0.877	mg/L			12/13/21 12:23	1
Method: 8015B NM - Diesel R	ange Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4.73		4.44	0.877	mg/L		12/13/21 16:57	12/14/21 04:58	1
Diesel Range Organics (Over	83.1		4.44	0.877	mg/L		12/13/21 16:57	12/14/21 04:58	1
C10-C28)									
C10-C28) Oll Range Organics (Over C28-C36)	<4.44	U	4.44	0.846	mg/L		12/13/21 16:57	12/14/21 04:58	1

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 94 70 - 130 12/13/21 16:57 12/14/21 04:58 110 70 - 130 12/13/21 16:57 12/14/21 04:58 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 25.0 Chloride 4130 1.05 mg/L 12/08/21 20:53

Client Sample ID: Upstream Lab Sample ID: 890-1683-2 Date Collected: 12/06/21 12:20 **Matrix: Water**

Date Received: 12/06/21 14:01

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000408	mg/L			12/10/21 11:54	1
Toluene	<0.00200	U	0.00200	0.000367	mg/L			12/10/21 11:54	1
Ethylbenzene	<0.00200	U	0.00200	0.000657	mg/L			12/10/21 11:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.000629	mg/L			12/10/21 11:54	1
o-Xylene	<0.00200	U	0.00200	0.000642	mg/L			12/10/21 11:54	1
Xylenes, Total	<0.00400	U	0.00400	0.000642	mg/L			12/10/21 11:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	X	70 - 130			-		12/10/21 11:54	1
1,4-Difluorobenzene (Surr)	108		70 - 130					12/10/21 11:54	1

Job ID: 890-1683-1

Client: Talon/LPE Project/Site: DCP 10220 D Line Leak SDG: 700702.119.01

Client Sample ID: Upstream Lab Sample ID: 890-1683-2 Date Collected: 12/06/21 12:20

Matrix: Water

12/08/21 21:00

Date Received: 12/06/21 14:01

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	0.000657	mg/L			12/09/21 09:17	1
Method: 8015 NM - Diesel Ran	nge Organic	s (DRO) (0	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<4.49	U	4.49	0.887	mg/L			12/13/21 12:23	1
Method: 8015B NM - Diesel Ra	ange Organi	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<4.49	U	4.49	0.887	mg/L		12/13/21 16:57	12/14/21 06:00	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<4.49	U	4.49	0.887	mg/L		12/13/21 16:57	12/14/21 06:00	1
C10-C28)									
OII Range Organics (Over C28-C36)	<4.49	U	4.49	0.856	mg/L		12/13/21 16:57	12/14/21 06:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				12/13/21 16:57	12/14/21 06:00	1
o-Terphenyl	90		70 - 130				12/13/21 16:57	12/14/21 06:00	1

Client Sample ID: Downstream Lab Sample ID: 890-1683-3 Date Collected: 12/06/21 12:50 **Matrix: Water**

25.0

1.05 mg/L

1100

Date Received: 12/06/21 14:01

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000408	mg/L			12/10/21 12:20	1
Toluene	<0.00200	U	0.00200	0.000367	mg/L			12/10/21 12:20	1
Ethylbenzene	<0.00200	U	0.00200	0.000657	mg/L			12/10/21 12:20	•
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.000629	mg/L			12/10/21 12:20	1
o-Xylene	<0.00200	U	0.00200	0.000642	mg/L			12/10/21 12:20	1
Xylenes, Total	<0.00400	U	0.00400	0.000642	mg/L			12/10/21 12:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	X	70 - 130					12/10/21 12:20	
1,4-Difluorobenzene (Surr)	131	Χ	70 - 130					12/10/21 12:20	1
: Method: Total BTEX - Tota	l BTEX Calcula	tion							
Method: Total BTEX - Tota Analyte Total BTEX		Qualifier	RL 0.00400	MDL 0.000657	Unit mg/L	<u>D</u>	Prepared	Analyzed 12/09/21 09:17	Dil Fac
Analyte Total BTEX	Result <0.00400	Qualifier U	0.00400			<u>D</u>	Prepared		Dil Fac
Analyte	Result <0.00400	Qualifier U	0.00400	0.000657		<u>D</u>	Prepared Prepared		1
Analyte Total BTEX Method: 8015 NM - Diesel	Result <0.00400	Qualifier U s (DRO) (C	0.00400 GC)	0.000657	mg/L Unit	_	· · · · ·	12/09/21 09:17	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Analyte Total TPH	Result <0.00400 Range Organic Result <4.44	Qualifier U S (DRO) (O Qualifier U	0.00400 C) RL 4.44	0.000657 MDL	mg/L Unit	_	· · · · ·	12/09/21 09:17 Analyzed	1
Analyte Total BTEX Method: 8015 NM - Diesel Analyte Total TPH Method: 8015B NM - Diese	Result <0.00400 Range Organic Result <4.44 I Range Organ	Qualifier U S (DRO) (O Qualifier U	0.00400 C) RL 4.44	0.000657 MDL 0.877	mg/L Unit	_	· · · · ·	12/09/21 09:17 Analyzed	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Analyte	Result <0.00400 Range Organic Result <4.44 I Range Organ	Qualifier U S (DRO) (C Qualifier U ics (DRO) Qualifier	0.00400 GC) RL 4.44 (GC)	0.000657 MDL 0.877	mg/L Unit mg/L Unit		Prepared	12/09/21 09:17 Analyzed 12/13/21 12:23	1

Client Sample Results

 Client: Talon/LPE
 Job ID: 890-1683-1

 Project/Site: DCP 10220 D Line Leak
 SDG: 700702.119.01

Client Sample ID: Downstream

Date Collected: 12/06/21 12:50 Date Received: 12/06/21 14:01 Lab Sample ID: 890-1683-3

Matrix: Water

Method: 8015B NM - Diesel R	ange Organi	ics (DRO)	(GC) (Contin	ued)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<4.44	U	4.44	0.846	mg/L		12/13/21 16:57	12/14/21 06:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				12/13/21 16:57	12/14/21 06:21	1
o-Terphenyl	106		70 - 130				12/13/21 16:57	12/14/21 06:21	1

Method: 300.0 - Anions, Ion Cl	hromatograp	ohy							
Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		25.0	1.05	mg/L			12/08/21 21:07	50

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Surrogate Summary

 Client: Talon/LPE
 Job ID: 890-1683-1

 Project/Site: DCP 10220 D Line Leak
 SDG: 700702.119.01

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water Prep Type: Total/NA

			Perc	ent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1683-1	Source	180 X	135 X	
890-1683-2	Upstream	182 X	108	
890-1683-2 MS	Upstream	147 X	116	
890-1683-2 MSD	Upstream	130	138 X	
890-1683-3	Downstream	162 X	131 X	
LCS 880-14446/3	Lab Control Sample	143 X	115	
LCSD 880-14446/4	Lab Control Sample Dup	126	107	
MB 880-14446/8	Method Blank	87	123	

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

OTPH = o-Terphenyl

OTPH = o-Terphenyl

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Water Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		1CO1	OTPH1				
Lab Sample ID	Client Sample ID	(70-130)	(70-130)				
890-1683-1	Source	94	110				
890-1683-1 MS	Source	79	93				
890-1683-1 MSD	Source	81	78				
890-1683-2	Upstream	89	90				
890-1683-3	Downstream	100	106				
Surrogate Legend							

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Water Prep Type: Total/NA

			Percent	Surrogate Recovery (Acceptance Limits)
		1CO2	OTPH2	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCS 880-14683/2-A	Lab Control Sample	89	93	
LCSD 880-14683/3-A	Lab Control Sample Dup	107	110	
MB 880-14683/1-A	Method Blank	106	111	
Surrogate Legend				
1CO = 1-Chlorooctane				

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Client: Talon/LPE Job ID: 890-1683-1 Project/Site: DCP 10220 D Line Leak

SDG: 700702.119.01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-14446/8

Matrix: Water

Analysis Batch: 14446

Client Sample ID: Method Blank **Prep Type: Total/NA**

MB MB Result Qualifier RL **MDL** Unit D Analyzed Dil Fac Analyte Prepared Benzene <0.00200 U 0.00200 0.000408 mg/L 12/10/21 11:28 Toluene <0.00200 U 0.00200 0.000367 mg/L 12/10/21 11:28 Ethylbenzene <0.00200 U 0.00200 0.000657 mg/L 12/10/21 11:28 <0.00400 U 0.00400 0.000629 mg/L m-Xylene & p-Xylene 12/10/21 11:28 o-Xylene <0.00200 U 0.00200 0.000642 mg/L 12/10/21 11:28 Xylenes, Total <0.00400 U 0.00400 0.000642 mg/L 12/10/21 11:28

> MB MB %Recovery Qualifier Limits Prepared Analyzed 70 - 130 87 12/10/21 11:28 123 70 - 130 12/10/21 11:28

Lab Sample ID: LCS 880-14446/3

Matrix: Water

Surrogate

Analysis Batch: 14446

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Client Sample ID: Lab Control Sample Prep Type: Total/NA

%Rec. Spike LCS LCS Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1117 mg/L 112 70 - 130 Toluene 0.100 0.1084 70 - 130 mg/L 108 0.100 70 - 130 Ethylbenzene 0.1102 mg/L 110 m-Xylene & p-Xylene 0.200 0.2419 mg/L 121 70 - 1300.100 o-Xylene 0.1124 mg/L 112 70 - 130

LCS LCS %Recovery Qualifier I imits Surrogate 70 - 130 143 X 4-Bromofluorobenzene (Surr) 115 70 - 130 1,4-Difluorobenzene (Surr)

Lab Sample ID: LCSD 880-14446/4

Matrix: Water

Analysis Batch: 14446

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Spike LCSD LCSD %Rec. **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Benzene 0.100 0.1041 mg/L 104 70 - 130 20 Toluene 0.100 0.09888 mg/L 99 70 - 130 9 20 Ethylbenzene 0.100 0.1002 mg/L 100 70 - 130 9 20 0.200 0.2195 70 - 130 20 m-Xylene & p-Xylene mg/L 110 10 0.100 0.1040 104 o-Xylene mg/L 70 - 130 20

LCSD LCSD %Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 126 70 - 130 1,4-Difluorobenzene (Surr) 107 70 - 130

Lab Sample ID: 890-1683-2 MS

Matrix: Water

Analysis Batch: 14446										
	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.1150		mg/L		115	70 - 130	
Toluene	<0.00200	U	0.100	0.1050		mg/L		105	70 - 130	

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Client Sample ID: Upstream

Prep Type: Total/NA

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Dil Fac

12/14/2021

Client: Talon/LPE

Project/Site: DCP 10220 D Line Leak

Job ID: 890-1683-1 SDG: 700702.119.01

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1683-2 MS

Matrix: Water

Analysis Batch: 14446

Client Sample ID: Upstream

Prep Type: Total/NA

MS MS Sample Sample Spike %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Ethylbenzene <0.00200 U 0 100 0.1075 mg/L 107 70 - 130 m-Xylene & p-Xylene <0.00400 U 0.200 0.2374 mg/L 119 70 - 130 o-Xylene <0.00200 U 0.100 0.1158 70 - 130 mg/L 116

MS MS

Sample Sample

<0.00200 U

Result Qualifier

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	147	X	70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Client Sample ID: Upstream

Matrix: Water

Analyte

Benzene

Analysis Batch: 14446

Lab Sample ID: 890-1683-2 MSD

Prep Type: Total/NA

RPD %Rec. %Rec Limits RPD Limit 109 70 - 130 5 25 105 70 - 130 25 25

Toluene <0.00200 U 0.100 0.1051 mg/L 109 Ethylbenzene <0.00200 U 0.100 0.1087 mg/L 70 - 130 m-Xylene & p-Xylene <0.00400 U 0.200 0.2361 mg/L 118 70 - 130 <0.00200 U 0.100 o-Xylene 0.1127 mg/L 113 70 - 130MSD MSD

Spike

Added

0.100

MSD MSD

0.1091

Result Qualifier

Unit

mg/L

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 70 - 130 130 1,4-Difluorobenzene (Surr) 138 X 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-14683/1-A

Matrix: Water

Analysis Batch: 14597

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 14683

MB MB Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Gasoline Range Organics <4.52 U 4.52 0.893 mg/L 12/13/21 16:57 12/14/21 03:57 (GRO)-C6-C10 Diesel Range Organics (Over <4.52 U 4.52 0.893 mg/L 12/13/21 16:57 12/14/21 03:57 C10-C28) Oll Range Organics (Over C28-C36) <4.52 U 4.52 0.862 mg/L 12/13/21 16:57 12/14/21 03:57

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	12/13/21 16:57	12/14/21 03:57	1
o-Terphenyl	111		70 - 130	12/13/21 16:57	12/14/21 03:57	1

Lab Sample ID: LCS 880-14683/2-A

Matrix: Water

Analysis Batch: 14597

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 14683

LCS LCS Spike %Rec. Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 90.6 76.09 84 75 - 125 mg/L (GRO)-C6-C10 Diesel Range Organics (Over 90.6 76.02 mg/L 84 75 - 125 C10-C28)

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Client: Talon/LPE Job ID: 890-1683-1 Project/Site: DCP 10220 D Line Leak SDG: 700702.119.01

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-14683/2-A

Matrix: Water

Analysis Batch: 14597

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 14683

LCS LCS %Recovery Qualifier Surrogate Limits 1-Chlorooctane 89 70 - 130 o-Terphenyl 93 70 - 130

Client Sample ID: Lab Control Sample Dup Lab Sample ID: LCSD 880-14683/3-A

Analysis Batch: 14597

Matrix: Water Prep Type: Total/NA

Prep Batch: 14683 RPD %Rec.

LCSD LCSD Spike Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Gasoline Range Organics 90.6 78.88 mg/L 87 75 - 125 4 20 (GRO)-C6-C10 90.6 Diesel Range Organics (Over 80.12 mg/L 88 75 - 125 5 20 C10-C28)

LCSD LCSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 107 70 - 130 70 - 130 o-Terphenyl 110

Lab Sample ID: 890-1683-1 MS

Matrix: Water

Analysis Batch: 14597

Client Sample ID: Source Prep Type: Total/NA

Prep Batch: 14683

Sample Sample Spike MS MS %Rec. Result Qualifier Added Result Qualifier Limits Analyte Unit D %Rec Gasoline Range Organics 4.73 90.1 95.08 mg/L 100 75 - 125 (GRO)-C6-C10 Diesel Range Organics (Over 83.1 90.1 114.3 N1 mg/L 35 75 - 125 C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 79 o-Terphenyl 93 70 - 130

Client Sample ID: Source Lab Sample ID: 890-1683-1 MSD **Matrix: Water**

Analysis Batch: 14597

Prep Type: Total/NA Prep Batch: 14683

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	4.73		90.1	96.18		mg/L		102	75 - 125	1	20
Diesel Range Organics (Over C10-C28)	83.1		90.1	116.8	N1	mg/L		37	75 - 125	2	20

Surrogate 1-Chlorooctane

o-Terphenyl

MSD		MSD	
	%Recovery	Qualifier	Limits
	81		70 - 130
	78		70 - 130

Client: Talon/LPE Job ID: 890-1683-1 Project/Site: DCP 10220 D Line Leak SDG: 700702.119.01

Client Sample ID: Method Blank

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-14309/3

Matrix: Water

Analysis Batch: 14309

MB MB

Analyte Result Qualifier RL **MDL** Unit Analyzed Dil Fac D Prepared 0.500 12/08/21 18:37 Chloride <0.500 U 0.0210 mg/L

Lab Sample ID: LCS 880-14309/4 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 14309

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits Chloride 25.0 25.74 90 - 110 mg/L 103

Lab Sample ID: LCSD 880-14309/5 Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Matrix: Water

Analysis Batch: 14309

Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Limits **RPD** Limit Unit %Rec Chloride 25.0 26.19 105 90 - 110 20 mg/L

Lab Sample ID: 880-9138-A-1 MS

Matrix: Water

Analysis Batch: 14309

Spike MS MS %Rec. Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 25.0 117.2 90 - 110 91.3 mg/L 104

Lab Sample ID: 880-9138-A-1 MSD

Matrix: Water

Analysis Batch: 14309

MSD MSD RPD Sample Sample Spike %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 91.3 25.0 120.0 N1 115 90 - 110 2 20 mg/L

QC Association Summary

Client: Talon/LPE

Project/Site: DCP 10220 D Line Leak

Job ID: 890-1683-1 SDG: 700702.119.01

3

GC VOA

Analysis Batch: 14350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1683-1	Source	Total/NA	Water	Total BTEX	
890-1683-2	Upstream	Total/NA	Water	Total BTEX	
890-1683-3	Downstream	Total/NA	Water	Total BTEX	

4

Analysis Batch: 14446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1683-1	Source	Total/NA	Water	8021B	<u> </u>
890-1683-2	Upstream	Total/NA	Water	8021B	
890-1683-3	Downstream	Total/NA	Water	8021B	
MB 880-14446/8	Method Blank	Total/NA	Water	8021B	
LCS 880-14446/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-14446/4	Lab Control Sample Dup	Total/NA	Water	8021B	
890-1683-2 MS	Upstream	Total/NA	Water	8021B	
890-1683-2 MSD	Upstream	Total/NA	Water	8021B	

8

GC Semi VOA

Analysis Batch: 14597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1683-1	Source	Total/NA	Water	8015B NM	14683
890-1683-2	Upstream	Total/NA	Water	8015B NM	14683
890-1683-3	Downstream	Total/NA	Water	8015B NM	14683
MB 880-14683/1-A	Method Blank	Total/NA	Water	8015B NM	14683
LCS 880-14683/2-A	Lab Control Sample	Total/NA	Water	8015B NM	14683
LCSD 880-14683/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	14683
890-1683-1 MS	Source	Total/NA	Water	8015B NM	14683
890-1683-1 MSD	Source	Total/NA	Water	8015B NM	14683

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Analysis Batch: 14652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1683-1	Source	Total/NA	Water	8015 NM	
890-1683-2	Upstream	Total/NA	Water	8015 NM	
890-1683-3	Downstream	Total/NA	Water	8015 NM	

Prep Batch: 14683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep B	3atch
890-1683-1	Source	Total/NA	Water	8015NM Aq Prep	
890-1683-2	Upstream	Total/NA	Water	8015NM Aq Prep	
890-1683-3	Downstream	Total/NA	Water	8015NM Aq Prep	
MB 880-14683/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 880-14683/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 880-14683/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	
890-1683-1 MS	Source	Total/NA	Water	8015NM Aq Prep	
890-1683-1 MSD	Source	Total/NA	Water	8015NM Aq Prep	

HPLC/IC

Analysis Batch: 14309

Lab Sample ID 890-1683-1	Client Sample ID Source	Prep Type Total/NA	Matrix Water	Method 300.0	Prep Batch
890-1683-2	Upstream	Total/NA	Water	300.0	
890-1683-3	Downstream	Total/NA	Water	300.0	

QC Association Summary

Client: Talon/LPE Project/Site: DCP 10220 D Line Leak Job ID: 890-1683-1

SDG: 700702.119.01

HPLC/IC (Continued)

Analysis Batch: 14309 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-14309/3	Method Blank	Total/NA	Water	300.0	
LCS 880-14309/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 880-14309/5	Lab Control Sample Dup	Total/NA	Water	300.0	
880-9138-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
880-9138-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Project/Site: DCP 10220 D Line Leak

Job ID: 890-1683-1

SDG: 700702.119.01

Client Sample ID: Source

Client: Talon/LPE

Date Collected: 12/06/21 11:50 Date Received: 12/06/21 14:01

Lab Sample ID: 890-1683-1

Matrix: Water

Batch Batch Dil Initial Batch Final Prepared Method **Amount** Number or Analyzed **Prep Type** Type Run **Factor** Amount **Analyst** Lab Total/NA 8021B 14446 12/10/21 12:47 KL XEN MID Analysis 20 5 mL 5 mL Total/NA Analysis **Total BTEX** 1 14350 12/09/21 09:17 AJ **XEN MID** Total/NA 8015 NM XEN MID Analysis 1 14652 12/13/21 12:23 AJ Total/NA Prep 8015NM Aq Prep 33.8 mL 14683 12/13/21 16:57 DM XEN MID 3 mL Total/NA Analysis 8015B NM 14597 12/14/21 04:58 AJ XEN MID 1 Total/NA Analysis 300.0 50 14309 12/08/21 20:53 CH XEN MID

Lab Sample ID: 890-1683-2

Client Sample ID: Upstream Date Collected: 12/06/21 12:20

Date Received: 12/06/21 14:01

Lab Sample ID: 890-1683-3

Matrix: Water

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	14446	12/10/21 11:54	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14350	12/09/21 09:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14652	12/13/21 12:23	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			33.4 mL	3 mL	14683	12/13/21 16:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			14597	12/14/21 06:00	AJ	XEN MID
Total/NA	Analysis	300.0		50			14309	12/08/21 21:00	СН	XEN MID

Client Sample ID: Downstream

Date Collected: 12/06/21 12:50

Date Received: 12/06/21 14:01

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	14446	12/10/21 12:20	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			14350	12/09/21 09:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14652	12/13/21 12:23	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			33.8 mL	3 mL	14683	12/13/21 16:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			14597	12/14/21 06:21	AJ	XEN MID
Total/NA	Analysis	300.0		50			14309	12/08/21 21:07	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

 Client: Talon/LPE
 Job ID: 890-1683-1

 Project/Site: DCP 10220 D Line Leak
 SDG: 700702.119.01

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pro	ogram	Identification Number	Expiration Date
Texas	NE	NELAP T104704400-21-22		06-30-22
The following analyte:	s are included in this rend	ort but the laboratory is r	not certified by the governing authority.	This list may include analytes for wh
the agency does not	•	it, but the laberatory let	iot certified by the governing authority.	This list may include analytes for wi
	•	Matrix	Analyte	This list may include analytes for wi
the agency does not o	offer certification.	•	, , ,	This list may include analytes for wi

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Method Summary

Client: Talon/LPE

Project/Site: DCP 10220 D Line Leak

Job ID: 890-1683-1

SDG: 700702.119.01

Method	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
3015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
0.00	Anions, Ion Chromatography	MCAWW	XEN MID
6030B	Purge and Trap	SW846	XEN MID
015NM Aq Prep	Microextraction	SW846	XEN MID

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates. TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Talon/LPE

Job ID: 890-1683-1 Project/Site: DCP 10220 D Line Leak SDG: 700702.119.01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-1683-1	Source	Water	12/06/21 11:50	12/06/21 14:01
890-1683-2	Upstream	Water	12/06/21 12:20	12/06/21 14:01
890-1683-3	Downstream	Water	12/06/21 12:50	12/06/21 14:01

121314

eurofins

Xenco

Environment Testing

City, State ZIP:

Artesia, NM 88210 408 W. Texas Ave.

City, State ZIP:

Company Name: Project Manager:

Talon LPE

Adkins

Bill to: (if different) Company Name:

Chain of Custody

Houston, TX (281) 240-4200, Dallas. TX (214) 902-0300 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296

Work Order No:

Reporting: Level II PST/UST TRRP Level IV	Program: UST/PST PRP Brownfields RRC Superfund State of Project:	8-3199 www.xenco.com Page 1 of 1 Work Order Comments
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		6						
		4 N	16/21 2:01	12		rate		Joseph Mis
Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time		Received by: (Signature)	Received	nature)	Relinquished by: (Signature)
	tors. It assigns standard terms and conditions ses are due to circumstances beyond the control terms will be enforced unless previously negotiated.	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotia	company to Eurofins Xe any losses or expenses i ple submitted to Eurofins	order from clien esponsibility for \$5 for each sam	itutes a valld purchase of shall not assume any re oroject and a charge of s	of samples const st of samples and applied to each p	nt and relinquishment ₃ liable only for the co narge of \$85.00 will be	ce: Signature of this documer ervice. Eurofins Xenco will be urofins Xenco. A minimum ch
7470 /7471	Ag TI U Hg: 1631/245.1/7470/7471	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U	Sb As Ba Be C	10: 8RCRA	TCLP / SPLP 60°	yzed	tal(s) to be anal	Circle Method(s) and Metal(s) to be analyzed
TI Sn U V Zn	Se Ag SiO ₂ Na Sr	Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K	Al Sb As Ba Be B	Texas 11 Al	8RCRA 13PPM Te	8 <u>R</u>	200.8 / 6020:	Total 200.7 / 6010
			X K	N	12:50	_	3	Dawnstream
			× × ×	N	0 t: t l		3	Upstreen
			× × ×	5	05:11	12-9-TI	(7)	50000
Sample Comments	S		Ch B	Grab/ # of Comp Cont	Time Depth	Date Sampled	ion Matrix	Sample Identification
NaOH+Ascorbic Acid: SAPC	NaOH+		II	,	mperature: 8.6	Corrected Temperature:		Total Containers:
Zn Acetate+NaOH: Zn	Zn Acel	890-1683 Chain of Custody	rio EX			Temperature Reading:	Yes No N/A	Sample Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃	Na ₂ S ₂ C		de ,	7		N/A Correction Factor:	Yes No MA	Cooler Custody Seals:
NaHSO ₄ : NABIS	NaHSO		5	S	(D) T-7-X-7	Thermometer ID:	(Yes) No	Samples Received Intact:
Ŧ	H ₃ PO ₄ : HP			© ĕ nete	Wet Ice: Yes	Yes No	Temp Blank:	SAMPLE RECEIPT
H ₂ NaOH: Na	H ₂ S0 ₄ : H ₂			<u> </u>	the lab, if received by 4:30pm			PO#
iC HNO3: HN	HCL: HC			eived by	TAT starts the day received by		4	
Cool MeOH: Me	Cool: Cool				Due Date:		du County	Project Location: Ed ル
NO DI Water: H ₂ O	None: NO		a ."	h Code	©Routine □Rush	Jar Cangon	700702.119.0 Cecar Cangard	Project Number: 7907
Preservative Codes	7	ANALYSIS REQUEST			Turn Around	Line leak	102200	Project Name: DC.
			•					

Login Sample Receipt Checklist

 Client: Talon/LPE
 Job Number: 890-1683-1

 SDG Number: 700702.119.01

Login Number: 1683 List Source: Eurofins Xenco, Carlsbad

List Number: 1

<6mm (1/4").

Creator: Olivas, Nathaniel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

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Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1683-1

SDG Number: 700702.119.01

List Number: 1683
List Source: Eurofins Xenco, Midland
List Number: 2
List Creation: 12/08/21 11:57 AM

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-1755-1 Client Project/Site: 1022 Line Leak

For:

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: Rebecca Pons

MRAMER

Authorized for release by: 1/4/2022 3:46:02 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

Review your project results through

·····LINKS ·······

Total Access

Have a Question?



Visit us at:

www.eurofinsus.com/Env
Released to Imaging: 9/14/2022 11:42:31 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Laboratory Job ID: 890-1755-1

Client: Talon/LPE Project/Site: 1022 Line Leak

Table of Contents

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Definitions/Glossary

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Qualifiers

GC VOA Qualifier

Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.

N1 MS, MSD: Spike recovery exceeds upper or lower control limits.

N2 RPD of the MS and MSD exceeds the control limits

U Analyte was not detected at or above the SDL.

X Surrogate recovery exceeds control limits

Qualifier Description

GC Semi VOA

Qualifier Description

* LCS or LCSD is outside acceptance limits.

J Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.

U Analyte was not detected at or above the SDL.

HPLC/IC

Qualifier Qualifier Description

U Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight

Eisted under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery

CFL Contains Free Liquid

CFU Colony Forming Unit

CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

Method Quantitation Limit

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number

NC Not Calculated

MQL

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Xenco, Carlsbad

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Case Narrative

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Job ID: 890-1755-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-1755-1

Receipt

The samples were received on 12/27/2021 10:14 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 20.0°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-15730 and analytical batch 880-15823 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Client Sample ID: S-1 Lab Sample ID: 890-1755-1

Date Collected: 12/27/21 08:50 Matrix: Solid

Date Received: 12/27/21 10:14

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	0.000387	mg/Kg		01/03/22 10:00	01/04/22 06:15	
Toluene	<0.00201	U	0.00201	0.000459	mg/Kg		01/03/22 10:00	01/04/22 06:15	1
Ethylbenzene	<0.00201	U	0.00201	0.000568	mg/Kg		01/03/22 10:00	01/04/22 06:15	•
m-Xylene & p-Xylene	<0.00402	U	0.00402	0.00102	mg/Kg		01/03/22 10:00	01/04/22 06:15	
o-Xylene	<0.00201	U	0.00201	0.000346	mg/Kg		01/03/22 10:00	01/04/22 06:15	•
Xylenes, Total	<0.00402	U	0.00402	0.00102	mg/Kg		01/03/22 10:00	01/04/22 06:15	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	166	X	70 - 130				01/03/22 10:00	01/04/22 06:15	
1,4-Difluorobenzene (Surr)	99		70 - 130				01/03/22 10:00	01/04/22 06:15	
Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	0.00102	mg/Kg			01/03/22 13:25	1
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Total TPH	1950		50.0	15.0	mg/Kg			01/03/22 14:33	•
Method: 8015B NM - Diesel Rang	je Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 13:27	
(GRO)-C6-C10									
Diesel Range Organics (Over	1950	*	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 13:27	•
C10-C28) OII Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 13:27	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane		Qualifier	70 - 130				12/29/21 13:57	12/31/21 13:27	DII Fat
o-Terphenyl	95		70 - 130 70 - 130				12/29/21 13:57	12/31/21 13:27	
-	00							0,	
Method: 300.0 - Anions, Ion Chro	0 . ,								
Analyte	Docult	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Allalyte		Quanner	24.8	4.25	mg/Kg		Troparca	01/03/22 11:57	511146

Client Sample ID: S-2

Date Collected: 12/27/21 09:00

Lab Sample ID: 890-1755-2

Matrix: Solid

Date Received: 12/27/21 10:14

Released to Imaging: 9/14/2022 11:42:31 AM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000708	J	0.00199	0.000383	mg/Kg		01/03/22 10:00	01/04/22 06:42	1
Toluene	<0.00199	U	0.00199	0.000453	mg/Kg		01/03/22 10:00	01/04/22 06:42	1
Ethylbenzene	<0.00199	U	0.00199	0.000562	mg/Kg		01/03/22 10:00	01/04/22 06:42	1
m-Xylene & p-Xylene	0.00273	J	0.00398	0.00100	mg/Kg		01/03/22 10:00	01/04/22 06:42	1
o-Xylene	<0.00199	U	0.00199	0.000342	mg/Kg		01/03/22 10:00	01/04/22 06:42	1
Xylenes, Total	0.00273	J	0.00398	0.00100	mg/Kg		01/03/22 10:00	01/04/22 06:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	X	70 - 130				01/03/22 10:00	01/04/22 06:42	1
1,4-Difluorobenzene (Surr)	88		70 - 130				01/03/22 10:00	01/04/22 06:42	1

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Client Sample Results

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Lab Sample ID: 890-1755-2 Client Sample ID: S-2

Date Collected: 12/27/21 09:00 Matrix: Solid

Date Received: 12/27/21 10:14

Method: Total BTEX - Total BTEX									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00344	J	0.00398	0.00100	mg/Kg			01/03/22 13:25	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	171		49.9	15.0	mg/Kg			01/03/22 14:33	1
- Method: 8015B NM - Diesel Rang	je Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	20.8	J	49.9	15.0	mg/Kg		12/29/21 13:57	12/31/21 13:47	1
(GRO)-C6-C10									
Diesel Range Organics (Over	150	*	49.9	15.0	mg/Kg		12/29/21 13:57	12/31/21 13:47	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		12/29/21 13:57	12/31/21 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				12/29/21 13:57	12/31/21 13:47	1
o-Terphenyl	114		70 - 130				12/29/21 13:57	12/31/21 13:47	1
- Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4300		49.8	8 55	mg/Kg			01/03/22 12:05	10

Client Sample ID: S-3 Lab Sample ID: 890-1755-3 **Matrix: Solid**

Date Collected: 12/27/21 09:10

Date Received: 12/27/21 10:14

Released to Imaging: 9/14/2022 11:42:31 AM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000384	mg/Kg		01/03/22 10:00	01/04/22 07:10	1
Toluene	<0.00200	U	0.00200	0.000455	mg/Kg		01/03/22 10:00	01/04/22 07:10	1
Ethylbenzene	<0.00200	U	0.00200	0.000564	mg/Kg		01/03/22 10:00	01/04/22 07:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	0.00101	mg/Kg		01/03/22 10:00	01/04/22 07:10	1
o-Xylene	<0.00200	U	0.00200	0.000343	mg/Kg		01/03/22 10:00	01/04/22 07:10	1
Xylenes, Total	<0.00399	U	0.00399	0.00101	mg/Kg		01/03/22 10:00	01/04/22 07:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	X	70 - 130				01/03/22 10:00	01/04/22 07:10	1
		Qualifier	70 ₋ 130	MDI	l lmi4		01/03/22 10:00	01/04/22 07:10	
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTE Analyte Total BTEX	X Calculation	Qualifier	70 - 130 RL 0.00399	MDL 0.00101	Unit mg/Kg	D_	01/03/22 10:00 Prepared	01/04/22 07:10 Analyzed 01/03/22 13:25	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX	X Calculation Result <0.00399	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte	X Calculation Result <0.00399 e Organics (DR	U	RL	0.00101		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Range	X Calculation Result <0.00399 e Organics (DR	U (GC)	RL 0.00399	0.00101	mg/Kg	<u> </u>	Prepared	Analyzed 01/03/22 13:25	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte	X Calculation Result <0.00399 e Organics (DR Result 133	O) (GC) Qualifier	RL 0.00399 RL	0.00101 MDL	mg/Kg	<u> </u>	Prepared	Analyzed 01/03/22 13:25	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range	X Calculation Result <0.00399 e Organics (DR Result 133 ge Organics (D	O) (GC) Qualifier	RL 0.00399 RL	0.00101 MDL 15.0	mg/Kg	<u> </u>	Prepared	Analyzed 01/03/22 13:25	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH	X Calculation Result <0.00399 e Organics (DR Result 133 ge Organics (D	O) (GC) Qualifier RO) (GC) Qualifier	RL 0.00399 RL 49.9	0.00101 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/03/22 13:25 Analyzed 01/03/22 14:33	Dil Fac

Job ID: 890-1755-1

Client: Talon/LPE Project/Site: 1022 Line Leak

Client Sample ID: S-3

Lab Sample ID: 890-1755-3

Matrix: Solid

Date Collected: 12/27/21 09:10 Date Received: 12/27/21 10:14

Method: 8015B NM - Diesel Range Organics	(D	RO) (GC) (Continu	ed)
Analyte Res	sult	Qualifier	RI

Comments	0/8		1 : : 4		33		Doorse	Amahmad	D:/ E
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		12/29/21 13:57	12/31/21 14:08	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	• •	, , , ,							

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96	70 - 130	12/29/21 13:57	12/31/21 14:08	1
o-Terphenyl	89	70 - 130	12/29/21 13:57	12/31/21 14:08	1

Method: 300.0 - Anions, Ion Chrom	natography - So	oluble						
Analyte	Result C	lualifier	RL MDI	_ Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6290	4	0.6 8.5	mg/Kg	_		01/03/22 12:12	10

Client Sample ID: S-4 Lab Sample ID: 890-1755-4

Date Collected: 12/27/21 09:15 Matrix: Solid Date Received: 12/27/21 10:14

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		01/03/22 10:00	01/04/22 07:37	1
Toluene	<0.00199	U	0.00199	0.000454	mg/Kg		01/03/22 10:00	01/04/22 07:37	1
Ethylbenzene	<0.00199	U	0.00199	0.000563	mg/Kg		01/03/22 10:00	01/04/22 07:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00101	mg/Kg		01/03/22 10:00	01/04/22 07:37	1
o-Xylene	<0.00199	U	0.00199	0.000343	mg/Kg		01/03/22 10:00	01/04/22 07:37	1
Xylenes, Total	<0.00398	U	0.00398	0.00101	mg/Kg		01/03/22 10:00	01/04/22 07:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	X	70 - 130				01/03/22 10:00	01/04/22 07:37	1
1,4-Difluorobenzene (Surr)	85		70 - 130				01/03/22 10:00	01/04/22 07:37	1

Method: Total BTEX - Total BTEX C	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	0.00101	mg/Kg			01/03/22 13:25	1

Method: 8015 NM - Diesel Range C	Organics (DRC	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.1		50.0	15.0	mg/Kg			01/03/22 14:33	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	31.3	J	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 14:28	1
Diesel Range Organics (Over C10-C28)	37.8	J*	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 14:28	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 14:28	1

Surrogate	%Recovery Qua	alifier Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93	70 - 130	12/29/21 13:57	12/31/21 14:28	1
o-Terphenyl	89	70 - 130	12/29/21 13:57	12/31/21 14:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	931		5.04	0.865	mg/Kg			01/03/22 12:20	1

Client Sample Results

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Client Sample ID: S-5

Lab Sample ID: 890-1755-5

Date Collected: 12/27/21 09:25 Matrix: Solid

Date Received: 12/27/21 10:14

	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		01/03/22 10:00	01/04/22 09:27	
Toluene	< 0.00199	U	0.00199	0.000453	mg/Kg		01/03/22 10:00	01/04/22 09:27	
Ethylbenzene	<0.00199	U	0.00199	0.000562	mg/Kg		01/03/22 10:00	01/04/22 09:27	
m-Xylene & p-Xylene	0.00119	J	0.00398	0.00100	mg/Kg		01/03/22 10:00	01/04/22 09:27	
o-Xylene	< 0.00199	U	0.00199	0.000342	mg/Kg		01/03/22 10:00	01/04/22 09:27	
Xylenes, Total	0.00119	J	0.00398	0.00100	mg/Kg		01/03/22 10:00	01/04/22 09:27	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	164	X	70 - 130				01/03/22 10:00	01/04/22 09:27	
1,4-Difluorobenzene (Surr)	75		70 - 130				01/03/22 10:00	01/04/22 09:27	
Method: Total BTEX - Total BTE)	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.00119	J	0.00398	0.00100	mg/Kg			01/03/22 13:25	
Total TPH		Qualifier	50.0		mg/Kg		Frepareu		DII Fa
Analyte		Qualifier	RL -	MDL		D	Prepared	Analyzed	Dil Fa
Total II II			50.0	13.0				01/03/22 14:33	
			50.0	15.0	mg/kg			01/03/22 14:33	
Method: 8015B NM - Diesel Ranç		RO) (GC)	50.0	15.0	mg/Kg			01/03/22 14:33	
•	ge Organics (D	RO) (GC) Qualifier	RL	MDL		D	Prepared	01/03/22 14:33 Analyzed	Dil Fa
Analyte Gasoline Range Organics	ge Organics (D	Qualifier			Unit	<u>D</u>	Prepared 12/29/21 13:57		
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D Result	Qualifier J	RL	MDL 15.0	Unit	<u>D</u>		Analyzed	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result 29.5	Qualifier J	RL 50.0	MDL 15.0	Unit mg/Kg	<u> </u>	12/29/21 13:57	Analyzed 12/31/21 14:49	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (D Result 29.5	Qualifier J *	RL 50.0	MDL 15.0	Unit mg/Kg mg/Kg	<u> </u>	12/29/21 13:57 12/29/21 13:57	Analyzed 12/31/21 14:49 12/31/21 14:49	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	ge Organics (D Result 29.5 77.5 <50.0	Qualifier J *	RL 50.0 50.0	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	12/29/21 13:57 12/29/21 13:57 12/29/21 13:57	Analyzed 12/31/21 14:49 12/31/21 14:49 12/31/21 14:49	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	ge Organics (D Result 29.5 77.5 <50.0 %Recovery	Qualifier J *	RL 50.0 50.0 50.0	MDL 15.0	Unit mg/Kg mg/Kg	<u> </u>	12/29/21 13:57 12/29/21 13:57 12/29/21 13:57 Prepared	Analyzed 12/31/21 14:49 12/31/21 14:49 12/31/21 14:49 Analyzed	Dil Fa
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro	ge Organics (D Result 29.5 77.5 <50.0 %Recovery 91 82	Qualifier J * U Qualifier	RL 50.0 50.0 50.0 Limits 70 - 130	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	12/29/21 13:57 12/29/21 13:57 12/29/21 13:57 Prepared 12/29/21 13:57	Analyzed 12/31/21 14:49 12/31/21 14:49 12/31/21 14:49 Analyzed 12/31/21 14:49	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	ge Organics (D Result 29.5 77.5 <50.0 %Recovery 91 82 omatography -	Qualifier J * U Qualifier	RL 50.0 50.0 50.0 Limits 70 - 130	MDL 15.0	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	12/29/21 13:57 12/29/21 13:57 12/29/21 13:57 Prepared 12/29/21 13:57	Analyzed 12/31/21 14:49 12/31/21 14:49 12/31/21 14:49 Analyzed 12/31/21 14:49	Dil Fa

Client Sample ID: S-6

Lab Sample ID: 890-1755-6

Matrix: Solid

Date Received: 12/27/21 10:14

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	0.000382	mg/Kg		01/03/22 10:00	01/04/22 09:55	1
Toluene	<0.00198	U	0.00198	0.000452	mg/Kg		01/03/22 10:00	01/04/22 09:55	1
Ethylbenzene	<0.00198	U	0.00198	0.000561	mg/Kg		01/03/22 10:00	01/04/22 09:55	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	0.00100	mg/Kg		01/03/22 10:00	01/04/22 09:55	1
o-Xylene	<0.00198	U	0.00198	0.000341	mg/Kg		01/03/22 10:00	01/04/22 09:55	1
Xylenes, Total	<0.00397	U	0.00397	0.00100	mg/Kg		01/03/22 10:00	01/04/22 09:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/03/22 10:00	01/04/22 09:55	1
1,4-Difluorobenzene (Surr)	90		70 - 130				01/03/22 10:00	01/04/22 09:55	1

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Client Sample Results

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Client Sample ID: S-6 Lab Sample ID: 890-1755-6

Date Collected: 12/27/21 09:39 Matrix: Solid

Date Received: 12/27/21 10:14

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	0.00100	mg/Kg			01/03/22 13:25	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.4		50.0	15.0	mg/Kg			01/03/22 14:33	1
Method: 8015B NM - Diesel Rang	je Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	29.0	J	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 15:10	1
(GRO)-C6-C10									
Diesel Range Organics (Over	21.4	J *	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 15:10	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 15:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				12/29/21 13:57	12/31/21 15:10	1
o-Terphenyl	92		70 - 130				12/29/21 13:57	12/31/21 15:10	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		25.0	4.28	mg/Kg			01/03/22 16:16	

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Surrogate Summary

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1755-1	S-1	166 X	99	
890-1755-2	S-2	167 X	88	
390-1755-3	S-3	164 X	94	
890-1755-4	S-4	153 X	85	
390-1755-5	S-5	164 X	75	
390-1755-6	S-6	109	90	
390-1756-A-3-D MS	Matrix Spike	137 X	89	
390-1756-A-3-E MSD	Matrix Spike Duplicate	168 X	101	
_CS 880-15802/1-A	Lab Control Sample	170 X	116	
MB 880-15709/5-A	Method Blank	93	88	
MB 880-15802/5-A	Method Blank	105	101	
Surrogate Legend				
BFB = 4-Bromofluorobe	nzene (Surr)			

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

-				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID			
LCSD 880-15802/2-A	Lab Control Sample Dup			
Surrogate Legend				
BFB = 4-Bromofluorobe	nzene (Surr)			
DFBZ = 1,4-Difluoroben	zene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

		1001	0.75114	Percent Surrogate Recovery (Acceptance Limits)
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1749-A-1-F MS	Matrix Spike	84	72	
890-1749-A-1-G MSD	Matrix Spike Duplicate	83	71	
890-1755-1	S-1	93	95	
890-1755-2	S-2	116	114	
890-1755-3	S-3	96	89	
890-1755-4	S-4	93	89	
890-1755-5	S-5	91	82	
890-1755-6	S-6	97	92	
LCS 880-15730/2-A	Lab Control Sample	108	86	
LCSD 880-15730/3-A	Lab Control Sample Dup	114	91	
MB 880-15730/1-A	Method Blank	116	122	

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OTPH = o-Terphenyl

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-15709/5-A

Analysis Batch: 15877

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15709

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		01/03/22 09:02	01/03/22 13:34	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		01/03/22 09:02	01/03/22 13:34	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		01/03/22 09:02	01/03/22 13:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		01/03/22 09:02	01/03/22 13:34	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		01/03/22 09:02	01/03/22 13:34	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		01/03/22 09:02	01/03/22 13:34	1

MB MB

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	01/03/22 09:	02 01/03/22 13:34	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/03/22 09:	02 01/03/22 13:34	1

Lab Sample ID: MB 880-15802/5-A

Matrix: Solid

Analysis Batch: 15877

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 15802

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		01/03/22 10:00	01/04/22 03:10	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		01/03/22 10:00	01/04/22 03:10	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		01/03/22 10:00	01/04/22 03:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		01/03/22 10:00	01/04/22 03:10	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		01/03/22 10:00	01/04/22 03:10	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		01/03/22 10:00	01/04/22 03:10	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepare	ed	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/03/22 1	10:00	01/04/22 03:10	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/03/22 1	10:00	01/04/22 03:10	1

Lab Sample ID: LCS 880-15802/1-A

Matrix: Solid

Analysis Batch: 15877

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15802

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.07559		mg/Kg		76	70 - 130	
Toluene	0.100	0.07239		mg/Kg		72	70 - 130	
Ethylbenzene	0.100	0.08076		mg/Kg		81	70 - 130	
m-Xylene & p-Xylene	0.200	0.1616		mg/Kg		81	70 - 130	
o-Xylene	0.100	0.08324		mg/Kg		83	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	170	X	70 - 130
1.4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-15802/2-A

Matrix: Solid

Analyte

Benzene

Analysis Batch: 15877

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15802 %Rec. RPD

Unit %Rec Limits RPD Limit mg/Kg

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LCSD LCSD

0.07218

Result Qualifier

Spike

Added

0.100

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-15802/2-A **Matrix: Solid**

Analysis Batch: 15877

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15802

LCSD LCSD Spike %Rec. **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D Toluene 0.100 0.08053 ma/Ka Ethylbenzene 0.100 0.07951 mg/Kg

0.1599

0.08145

mg/Kg

mg/Kg

0.200

0.100

LCSD LCSD

%Recovery Qualifier Surrogate Limits

4-Bromofluorobenzene (Surr)

m-Xylene & p-Xylene

o-Xylene

1,4-Difluorobenzene (Surr)

Lab Sample ID: 890-1756-A-3-D MS Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Total/NA Analysis Batch: 15877 Prep Batch: 15802

MS MS %Rec. Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 0.0998 Benzene <0.00198 U 0.02064 N1 ma/Ka 21 70 - 130 Toluene <0.00198 0.0998 0.01910 N1 19 70 - 130 U mg/Kg 0.0998 Ethylbenzene <0.00198 0.01619 mg/Kg 16 70 - 130 0.200 0.03186 N1 70 - 130 m-Xylene & p-Xylene <0.00396 U mg/Kg 16 o-Xylene <0.00198 U 0.0998 0.01958 N1 mg/Kg 20 70 - 130

MS MS

Qualifier Limits Surrogate %Recovery X 70 - 130 4-Bromofluorobenzene (Surr) 137 1,4-Difluorobenzene (Surr) 89 70 - 130

Lab Sample ID: 890-1756-A-3-E MSD

Matrix: Solid

Analysis Batch: 15877

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA Prep Batch: 15802

Sample Sample MSD MSD RPD Spike %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit D Benzene <0.00198 0.101 0.05926 N1 N2 mg/Kg 59 70 - 130 97 35 Toluene <0.00198 U 0.101 0.05203 N1 N2 mg/Kg 52 70 - 130 93 35 Ethylbenzene <0.00198 0.101 0.04861 N1 N2 mg/Kg 48 70 - 130 100 35 0.202 47 70 - 130 m-Xylene & p-Xylene <0.00396 U 0.09437 N1 N2 mg/Kg 99 35 o-Xylene <0.00198 U 0.101 0.05331 N1 N2 mg/Kg 53 70 - 130 93 35

MSD MSD

Qualifier Limits Surrogate %Recovery 4-Bromofluorobenzene (Surr) 168 X 70 - 130 1,4-Difluorobenzene (Surr) 101 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-15730/1-A

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 15730

MB MB Analyte Qualifier RL MDL Unit Prepared Dil Fac Result Analyzed <50.0 Ū 50.0 15.0 12/29/21 13:57 12/31/21 11:25 Gasoline Range Organics mg/Kg (GRO)-C6-C10

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12/29/21 13:57

12/29/21 13:57

12/31/21 11:25

12/31/21 11:25

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

1-Chlorooctane

o-Terphenyl

C10-C28)

C10-C28)

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

116

122

Lab Sample ID: MB 880-15730/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Matrix: Solid
Analysis Batch: 15823

MR MR

MR MR

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 11:25	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		12/29/21 13:57	12/31/21 11:25	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

70 - 130

70 - 130

Lab Sample ID: LCS 880-15730/2-A

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 15730

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 952.7 95 70 - 130 mg/Kg (GRO)-C6-C10 1000 1199 Diesel Range Organics (Over mg/Kg 120 70 - 130

 Surrogate
 %Recovery
 Qualifier
 Limits

 1-Chlorooctane
 108
 70 - 130

 o-Terphenyl
 86
 70 - 130

Lab Sample ID: LCSD 880-15730/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Application Potable 45822

Analysis Batch: 15823 Prep Batch: 15730
Spike LCSD LCSD %Rec RPD

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	1014		mg/Kg		101	70 - 130	6	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	1322	*	mg/Kg		132	70 - 130	10	20	
C10-C28)										

 Surrogate
 %Recovery o-Terphenyl
 Qualifier purple
 Limits purple

 1-Chlorooctane o-Terphenyl
 91
 70 - 130

Lab Sample ID: 890-1749-A-1-F MS

Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 15823 Prep Batch: 15730

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	29.3	J	498	479.6		mg/Kg		90	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<49.9	U *	498	428.5		mg/Kg		86	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	72		70 - 130

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Lab Sample ID: 890-1749-A-1-G MSD

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

MSD MSD

83

Qualifier

%Recovery

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analysis Batch: 15823 Prep Batch: 15730 Sample Sample MSD MSD RPD Spike Result Qualifier Analyte Added Result Qualifier %Rec Limits RPD Limit Unit D Gasoline Range Organics 29.3 J 500 482.3 mg/Kg 91 70 - 130 20

(GRO)-C6-C10

1-Chlorooctane

Matrix: Solid

500 425.5 85 Diesel Range Organics (Over <49.9 U mg/Kg 70 - 13020 C10-C28)

Limits

70 - 130

70 - 130

Surrogate

o-Terphenyl 71 Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-15703/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 15914

MB MB

MDL Result Qualifier RL Unit Analyte D Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 0.858 mg/Kg 01/03/22 08:25

Lab Sample ID: LCS 880-15703/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 15914

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits Chloride 250 90 - 110 241 7 mg/Kg 97

Lab Sample ID: LCSD 880-15703/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 15914

Spike LCSD LCSD RPD %Rec. Analyte Added Result Qualifier Unit %Rec RPD Limit Chloride 250 241.2 96 90 - 110 mg/Kg 0

Lab Sample ID: 880-9695-A-1-B MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 15914

Sample Sample Spike MS MS %Rec. Qualifier Added Qualifier Analyte Result Result %Rec Limits Unit Chloride 250 mg/Kg 104 90 - 110 192 452.2

Lab Sample ID: 880-9695-A-1-C MSD

Matrix: Solid

Analysis Batch: 15914

Sample Sample Spike MSD MSD %Rec. RPD Qualifier Added RPD Result Result Qualifier %Rec Limits Limit Analyte Unit D Chloride 250 105 192 453.9 90 - 110 20 mg/Kg 0

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Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Job ID: 890-1755-1 Client: Talon/LPE

Project/Site: 1022 Line Leak

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-9699-A-9-C MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 15914

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	2400		1250	3711		mg/Kg		105	90 - 110	

Lab Sample ID: 880-9699-A-9-D MSD Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Matrix: Solid

Analysis Batch: 15914

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	2400		1250	3705		mg/Kg		104	90 - 110	0	20	

Lab Sample ID: MB 880-15705/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 15917

мв мв Analyte Result Qualifier MDL Unit Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 0.858 mg/Kg 01/03/22 13:00

Lab Sample ID: LCS 880-15705/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 15917

		Spike	LCS	LCS				%Rec.	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	 	250	246.7		mg/Kg	_	99	90 - 110	

Lab Sample ID: LCSD 880-15705/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 15917

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	246.6		ma/Ka		gg	90 110		20	

Lab Sample ID: 890-1690-A-6-E MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 15917

-	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	297		250	510.8		ma/Ka		03	00 110	

Lab Sample ID: 890-1690-A-6-F MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 15917

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	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	287		250	514.3		mg/Kg		91	90 - 110	1	20	

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Prep Type: Soluble

QC Association Summary

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

GC VOA

Prep Batch: 15709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-15709/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 15802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1755-1	S-1	Total/NA	Solid	5035	
890-1755-2	S-2	Total/NA	Solid	5035	
890-1755-3	S-3	Total/NA	Solid	5035	
890-1755-4	S-4	Total/NA	Solid	5035	
890-1755-5	S-5	Total/NA	Solid	5035	
890-1755-6	S-6	Total/NA	Solid	5035	
MB 880-15802/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-15802/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-15802/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1756-A-3-D MS	Matrix Spike	Total/NA	Solid	5035	
890-1756-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 15877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1755-1	S-1	Total/NA	Solid	8021B	15802
890-1755-2	S-2	Total/NA	Solid	8021B	15802
890-1755-3	S-3	Total/NA	Solid	8021B	15802
890-1755-4	S-4	Total/NA	Solid	8021B	15802
890-1755-5	S-5	Total/NA	Solid	8021B	15802
890-1755-6	S-6	Total/NA	Solid	8021B	15802
MB 880-15709/5-A	Method Blank	Total/NA	Solid	8021B	15709
MB 880-15802/5-A	Method Blank	Total/NA	Solid	8021B	15802
LCS 880-15802/1-A	Lab Control Sample	Total/NA	Solid	8021B	15802
LCSD 880-15802/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	15802
890-1756-A-3-D MS	Matrix Spike	Total/NA	Solid	8021B	15802
890-1756-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	15802

Analysis Batch: 15908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1755-1	S-1	Total/NA	Solid	Total BTEX	· ———
890-1755-2	S-2	Total/NA	Solid	Total BTEX	
890-1755-3	S-3	Total/NA	Solid	Total BTEX	
890-1755-4	S-4	Total/NA	Solid	Total BTEX	
890-1755-5	S-5	Total/NA	Solid	Total BTEX	
890-1755-6	S-6	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 15730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1755-1	S-1	Total/NA	Solid	8015NM Prep	
890-1755-2	S-2	Total/NA	Solid	8015NM Prep	
890-1755-3	S-3	Total/NA	Solid	8015NM Prep	
890-1755-4	S-4	Total/NA	Solid	8015NM Prep	
890-1755-5	S-5	Total/NA	Solid	8015NM Prep	
890-1755-6	S-6	Total/NA	Solid	8015NM Prep	
MB 880-15730/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

GC Semi VOA (Continued)

Prep Batch: 15730 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-15730/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-15730/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1749-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1749-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 15823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1755-1	S-1	Total/NA	Solid	8015B NM	15730
890-1755-2	S-2	Total/NA	Solid	8015B NM	15730
890-1755-3	S-3	Total/NA	Solid	8015B NM	15730
890-1755-4	S-4	Total/NA	Solid	8015B NM	15730
890-1755-5	S-5	Total/NA	Solid	8015B NM	15730
890-1755-6	S-6	Total/NA	Solid	8015B NM	15730
MB 880-15730/1-A	Method Blank	Total/NA	Solid	8015B NM	15730
LCS 880-15730/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	15730
LCSD 880-15730/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	15730
890-1749-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	15730
890-1749-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	15730

Analysis Batch: 15912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1755-1	S-1	Total/NA	Solid	8015 NM	
890-1755-2	S-2	Total/NA	Solid	8015 NM	
890-1755-3	S-3	Total/NA	Solid	8015 NM	
890-1755-4	S-4	Total/NA	Solid	8015 NM	
890-1755-5	S-5	Total/NA	Solid	8015 NM	
890-1755-6	S-6	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 15703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-1755-1	S-1	Soluble	Solid	DI Leach	
890-1755-2	S-2	Soluble	Solid	DI Leach	
890-1755-3	S-3	Soluble	Solid	DI Leach	
890-1755-4	S-4	Soluble	Solid	DI Leach	
MB 880-15703/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-15703/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-15703/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9695-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-9695-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-9699-A-9-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-9699-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 15705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1755-5	S-5	Soluble	Solid	DI Leach	
890-1755-6	S-6	Soluble	Solid	DI Leach	
MB 880-15705/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-15705/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-15705/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

HPLC/IC (Continued)

Leach Batch: 15705 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batc	h
890-1690-A-6-E MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1690-A-6-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 15914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1755-1	S-1	Soluble	Solid	300.0	15703
890-1755-2	S-2	Soluble	Solid	300.0	15703
890-1755-3	S-3	Soluble	Solid	300.0	15703
890-1755-4	S-4	Soluble	Solid	300.0	15703
MB 880-15703/1-A	Method Blank	Soluble	Solid	300.0	15703
LCS 880-15703/2-A	Lab Control Sample	Soluble	Solid	300.0	15703
LCSD 880-15703/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	15703
880-9695-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	15703
880-9695-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	15703
880-9699-A-9-C MS	Matrix Spike	Soluble	Solid	300.0	15703
880-9699-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	15703

Analysis Batch: 15917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1755-5	S-5	Soluble	Solid	300.0	15705
890-1755-6	S-6	Soluble	Solid	300.0	15705
MB 880-15705/1-A	Method Blank	Soluble	Solid	300.0	15705
LCS 880-15705/2-A	Lab Control Sample	Soluble	Solid	300.0	15705
LCSD 880-15705/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	15705
890-1690-A-6-E MS	Matrix Spike	Soluble	Solid	300.0	15705
890-1690-A-6-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	15705

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Client: Talon/LPE

Client Sample ID: S-1 Lab Sample ID: 890-1755-1

Matrix: Solid

Date Collected: 12/27/21 08:50 Date Received: 12/27/21 10:14

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	15802	01/03/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15877	01/04/22 06:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 13:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		5			15914	01/03/22 11:57	CH	XEN MID

Client Sample ID: S-2 Lab Sample ID: 890-1755-2

Date Collected: 12/27/21 09:00 Matrix: Solid

Date Received: 12/27/21 10:14

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 5.03 g 5 mL 15802 01/03/22 10:00 MR XEN MID Total/NA 8021B 5 mL 01/04/22 06:42 KLXEN MID Analysis 1 5 mL 15877 Total/NA Total BTEX 15908 01/03/22 13:25 XEN MID Analysis 1 A.I Total/NA Analysis 8015 NM 15912 01/03/22 14:33 XEN MID Total/NA 15730 XEN MID Prep 8015NM Prep 10.02 g 12/29/21 13:57 DM 10 mL Total/NA Analysis 8015B NM 15823 12/31/21 13:47 AJ XEN MID Soluble XEN MID Leach DI Leach 5.02 g 50 mL 15703 12/29/21 08:41 CH Soluble Analysis 300.0 10 15914 01/03/22 12:05 CH XEN MID

Lab Sample ID: 890-1755-3 Client Sample ID: S-3

Date Collected: 12/27/21 09:10 Date Received: 12/27/21 10:14

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	15802	01/03/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15877	01/04/22 07:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 14:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		10			15914	01/03/22 12:12	CH	XEN MID

Client Sample ID: S-4 Lab Sample ID: 890-1755-4 Date Collected: 12/27/21 09:15

Date Received: 12/27/21 10:14

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	15802	01/03/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15877	01/04/22 07:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID

Eurofins Xenco, Carlsbad

Page 19 of 26

Matrix: Solid

Matrix: Solid

Client: Talon/LPE

Client Sample ID: S-4 Lab Sample ID: 890-1755-4

Matrix: Solid

Date Collected: 12/27/21 09:15 Date Received: 12/27/21 10:14

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 14:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	15703	12/29/21 08:41	CH	XEN MID
Soluble	Analysis	300.0		1			15914	01/03/22 12:20	CH	XEN MID

Client Sample ID: S-5 Lab Sample ID: 890-1755-5

Date Collected: 12/27/21 09:25 Date Received: 12/27/21 10:14 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	15802	01/03/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15877	01/04/22 09:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 14:49	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	15705	12/29/21 08:46	CH	XEN MID
Soluble	Analysis	300.0		5			15917	01/03/22 16:08	CH	XEN MID

Client Sample ID: S-6 Lab Sample ID: 890-1755-6

Date Collected: 12/27/21 09:39 **Matrix: Solid**

Date Received: 12/27/21 10:14

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	15802	01/03/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15877	01/04/22 09:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 15:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	15705	12/29/21 08:46	CH	XEN MID
Soluble	Analysis	300.0		5			15917	01/03/22 16:16	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Carlsbad

Accreditation/Certification Summary

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

uthority exas		rogram	Identification Number	Expiration Date 06-30-22	
		IELAP	T104704400-21-22		
The following analytes the agency does not of		out the laboratory is not certific	ed by the governing authority. This list ma	ay include analytes for	
Analysis Method	Prep Method	Matrix	Analyte		
Analysis Method 8015 NM	Prep Method	Matrix Solid	Analyte Total TPH		

Method Summary

Client: Talon/LPE Job ID: 890-1755-1

Project/Site: 1022 Line Leak

Method	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
3015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
3015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
3015NM Prep	Microextraction	SW846	XEN MID
OI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Sample Summary

Client: Talon/LPE

Project/Site: 1022 Line Leak

Job ID: 890-1755-	-1
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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-1755-1	S-1	Solid	12/27/21 08:50	12/27/21 10:14
890-1755-2	S-2	Solid	12/27/21 09:00	12/27/21 10:14
890-1755-3	S-3	Solid	12/27/21 09:10	12/27/21 10:14
890-1755-4	S-4	Solid	12/27/21 09:15	12/27/21 10:14
890-1755-5	S-5	Solid	12/27/21 09:25	12/27/21 10:14
890-1755-6	S-6	Solid	12/27/21 09:39	12/27/21 10:14

Chain of Custody

SAMPLE RECEIPT Sampler's Name: Project Location: Project Name: City, State ZIP: roject Manager Circle Method(s) and Metal(s) to be analyzed ddress: ompany Name: amples Received Intact: iotice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions ample Custody Seals: ooler Custody Seals: roject Number service. Eurofins 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 Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated eurofins Belinquished by: (Signature) Total 200.7 / 6010 Sample Identification 315) THE 8148 408 Talas Talow CPC 出せるっしゃ XX Jours からからくろ Odd Caluting Yes No 200.8 / 6020: Yes No 702.119.0 Temp Blank: res No Ri JULEDIA **Environment Testing** Xenco N/R Matrix Pouc و 0 0 100 000 B120417.27 8 Sampled Thermometer ID: 2 Correction Factor Corrected Temperature: Yes No Received by: (Signature) 01888 Date 39.00 12:27 いていること 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn 20:01 LC. (14 Due Date: Sampled TAT starts the day received by Routine Wet ice: the lab, if received by 4:30pm Time TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Email: RDWOTA lens CPO Turn Around -0. 80.0 TEMPOUL Depth 20.1 City, State ZIP: Address Company Name: Rush res No System System Comp Grab/ Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 Cont Code * 0 **Parameters** Date/Time 2 ·CRI 10:14 1 Relinquished by: (Signature) ANALYSIS REQUEST 890-1755 Chain of Custody Reporting: Level II | Level III | PST/UST | TRRP | Program: Deliverables: State of Project: UST/PST | PRP | Brownfields | RRC | Received by: (Signature) EDD L Work Order No: Hg: 1631 / 245.1 / 7470 / 7471 www.xenco.com Work Order Comments ADaPT 🗌 Na 2S 2O3: NaSO 3 H3PO4: HP H2SO 4: H2 HCL: HC None: NO NaOH+Ascorbic Acid: SAPC Zn Acetate+NaOH: Zn NaHSO 4: NABIS Cool: Cool Page Sample Comments Preservative Codes Revised Date: 08/25/2020 Rev. 2020. Other: Date/Time NaOH: Na HNO 3: HN DI Water: H₂O of Superfund | LevelIV

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Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 890-1755-1

Login Number: 1755 List Source: Eurofins Xenco, Carlsbad

List Number: 1

Creator: Olivas, Nathaniel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 890-1755-1

List Source: Eurofins Xenco, Midland Login Number: 1755 List Number: 2 List Creation: 12/28/21 10:39 AM

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-1833-1

Laboratory Sample Delivery Group: 700702.119.01

Client Project/Site: 1022 LINE LEAK

For:

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: Rebecca Pons

MRAMER

Authorized for release by: 1/18/2022 3:34:04 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

.....LINKS

Review your project results through

Have a Question?



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www.eurofinsus.com/Env

Released to Imaging: 9/14/2022 11:42:31 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Talon/LPE Laboratory Job ID: 890-1833-1
Project/Site: 1022 LINE LEAK SDG: 700702.119.01

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Definitions/Glossary

Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK

SDG: 700702.119.01

Qualifiers

GC VOA

Qualifier **Qualifier Description** Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.

U Analyte was not detected at or above the SDL. Х Surrogate recovery exceeds control limits

Qualifier Description

Analyte was not detected at or above the SDL.

GC Semi VOA

Qualifier	Qualifier Description
b	The compound was found in the blank and sample
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.
X	Surrogate recovery exceeds control limits
HPLC/IC	

Glossary

Qualifier

Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit MI Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Talon/LPE
Project/Site: 1022 LINE LEAK
SD

Job ID: 890-1833-1 SDG: 700702.119.01

Job ID: 890-1833-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-1833-1

Receipt

The samples were received on 1/14/2022 10:24 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8° C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

 $No \ additional \ analytical \ or \ quality \ issues \ were \ noted, \ other \ than \ those \ described \ above \ or \ in \ the \ Definitions/ \ Glossary \ page.$

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Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: S1A Lab Sample ID: 890-1833-1

Date Collected: 01/12/22 01:11 Matrix: Solid

Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000445	J	0.00202	0.000389	mg/Kg		01/17/22 07:30	01/17/22 15:47	1
Toluene	0.000543	J	0.00202	0.000461	mg/Kg		01/17/22 07:30	01/17/22 15:47	1
Ethylbenzene	0.000969	J	0.00202	0.000571	mg/Kg		01/17/22 07:30	01/17/22 15:47	1
m-Xylene & p-Xylene	0.00105	J	0.00404	0.00102	mg/Kg		01/17/22 07:30	01/17/22 15:47	1
o-Xylene	0.000483	J	0.00202	0.000347	mg/Kg		01/17/22 07:30	01/17/22 15:47	1
Xylenes, Total	0.00153	J	0.00404	0.00102	mg/Kg		01/17/22 07:30	01/17/22 15:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				01/17/22 07:30	01/17/22 15:47	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/17/22 07:30	01/17/22 15:47	1
- Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00349	J	0.00404	0.00102	mg/Kg			01/17/22 15:00	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dille
								Allalyzea	Dii Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			01/17/22 14:35	
- ¹¹			50.0	15.0	mg/Kg				
- ¹¹¹ -	ge Organics (Di		50.0	15.0 MDL			Prepared		1
Method: 8015B NM - Diesel Ranç Analyte	ge Organics (Di	RO) (GC) Qualifier					<u> </u>	01/17/22 14:35	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	ge Organics (D Result <50.0	RO) (GC) Qualifier	RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 17:20	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D	RO) (GC) Qualifier	RL	MDL 15.0	Unit	<u>D</u>	Prepared	01/17/22 14:35 Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result <50.0	RO) (GC) Qualifier U	RL 50.0	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/17/22 09:16 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 17:20 01/17/22 17:20	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D Result <50.0	RO) (GC) Qualifier U	RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 17:20	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result <50.0	RO) (GC) Qualifier U	RL 50.0	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/17/22 09:16 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 17:20 01/17/22 17:20	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (D) Result <50.0 <50.0	RO) (GC) Qualifier U	RL 50.0 50.0	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/17/22 09:16 01/17/22 09:16 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 17:20 01/17/22 17:20 01/17/22 17:20	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	ge Organics (D) Result <50.0 <50.0 <80.0 **Recovery**	RO) (GC) Qualifier U	RL 50.0 50.0 50.0	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/17/22 09:16 01/17/22 09:16 01/17/22 09:16 Prepared	01/17/22 14:35 Analyzed 01/17/22 17:20 01/17/22 17:20 01/17/22 17:20 Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	ge Organics (D) Result <50.0 <50.0 <50.0 <80.0 **Recovery** 89 90	Qualifier U U Qualifier	RL 50.0 50.0 50.0 Limits 70 - 130	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/17/22 09:16 01/17/22 09:16 01/17/22 09:16 Prepared 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 17:20 01/17/22 17:20 Analyzed 01/17/22 17:20	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	ge Organics (D) Result <50.0 <50.0 <50.0 **Recovery 89 90 pomatography -	Qualifier U U Qualifier	RL 50.0 50.0 50.0 Limits 70 - 130	MDL 15.0	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 01/17/22 09:16 01/17/22 09:16 01/17/22 09:16 Prepared 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 17:20 01/17/22 17:20 Analyzed 01/17/22 17:20	Dil Fac Dil Fac 1 Dil Fac 1 Dil Fac Dil Fac

Client Sample ID: S2A Lab Sample ID: 890-1833-2 Date Collected: 01/12/22 01:20 Matrix: Solid

Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00166	J	0.00201	0.000387	mg/Kg		01/17/22 07:30	01/17/22 16:08	1
Toluene	0.00236		0.00201	0.000458	mg/Kg		01/17/22 07:30	01/17/22 16:08	1
Ethylbenzene	<0.00201	U	0.00201	0.000567	mg/Kg		01/17/22 07:30	01/17/22 16:08	1
m-Xylene & p-Xylene	0.00207	J	0.00402	0.00101	mg/Kg		01/17/22 07:30	01/17/22 16:08	1
o-Xylene	0.00302		0.00201	0.000345	mg/Kg		01/17/22 07:30	01/17/22 16:08	1
Xylenes, Total	0.00509		0.00402	0.00101	mg/Kg		01/17/22 07:30	01/17/22 16:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				01/17/22 07:30	01/17/22 16:08	1
1,4-Difluorobenzene (Surr)	84		70 - 130				01/17/22 07:30	01/17/22 16:08	1

Client Sample Results

Job ID: 890-1833-1 Client: Talon/LPE Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: S2A Lab Sample ID: 890-1833-2

Matrix: Solid

Date Collected: 01/12/22 01:20 Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00911		0.00402	0.00101	mg/Kg	— <u>-</u>		01/17/22 15:00	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.3	J	49.9	15.0	mg/Kg			01/17/22 14:35	1
Method: 8015B NM - Diesel Rang	e Organics (DI	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	16.3	J	49.9	15.0	mg/Kg		01/17/22 09:16	01/17/22 17:41	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9	15.0	mg/Kg		01/17/22 09:16	01/17/22 17:41	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/17/22 09:16	01/17/22 17:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				01/17/22 09:16	01/17/22 17:41	1
o-Terphenyl	104		70 - 130				01/17/22 09:16	01/17/22 17:41	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	985		5.01	0.860	mg/Kg			01/17/22 18:43	

Client Sample ID: S3A Lab Sample ID: 890-1833-3 **Matrix: Solid**

Date Collected: 01/12/22 13:25 Date Received: 01/14/22 10:24

Released to Imaging: 9/14/2022 11:42:31 AM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		01/17/22 07:30	01/17/22 16:28	1
Toluene	< 0.00199	U	0.00199	0.000454	mg/Kg		01/17/22 07:30	01/17/22 16:28	1
Ethylbenzene	< 0.00199	U	0.00199	0.000563	mg/Kg		01/17/22 07:30	01/17/22 16:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00101	mg/Kg		01/17/22 07:30	01/17/22 16:28	1
o-Xylene	< 0.00199	U	0.00199	0.000343	mg/Kg		01/17/22 07:30	01/17/22 16:28	1
Xylenes, Total	<0.00398	U	0.00398	0.00101	mg/Kg		01/17/22 07:30	01/17/22 16:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				01/17/22 07:30	01/17/22 16:28	1
	114		70 - 130				01/17/22 07:30	01/17/22 16:28	1
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTI Analyte	EX Calculation	Qualifier		MDI	Unit	n			
Method: Total BTEX - Total BT	EX Calculation	Qualifier	70 - 730 RL	MDL	Unit	D			
	EX Calculation			MDL 0.00101	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 01/17/22 15:00	Dil Fac
Method: Total BTEX - Total BTEA Analyte Total BTEX	EX Calculation Result < 0.00398 ge Organics (DR)	U (GC)	RL 0.00398	0.00101	mg/Kg	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte	EX Calculation Result < 0.00398 ge Organics (DR)	U	RL	0.00101		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result < 0.00398 ge Organics (DR)	U O) (GC) Qualifier	RL 0.00398	0.00101	mg/Kg		Prepared	Analyzed 01/17/22 15:00	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00398 ge Organics (DRO Result 20.5	O) (GC) Qualifier J	RL 0.00398	0.00101 MDL	mg/Kg		Prepared	Analyzed 01/17/22 15:00 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Ra	EX Calculation Result <0.00398 ge Organics (DR) Result 20.5 nge Organics (D	O) (GC) Qualifier J	RL 0.00398	0.00101 MDL 15.0	mg/Kg		Prepared	Analyzed 01/17/22 15:00 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00398 ge Organics (DR) Result 20.5 nge Organics (D	O) (GC) Qualifier J RO) (GC) Qualifier	RL 0.00398	0.00101 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/17/22 15:00 Analyzed 01/17/22 14:35	Dil Fac

Job ID: 890-1833-1

Client: Talon/LPE Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: S3A Lab Sample ID: 890-1833-3

Date Collected: 01/12/22 13:25 Matrix: Solid Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/17/22 09:16	01/17/22 18:02	1
p-Terphenyl	86		70 - 130				01/17/22 09:16	01/17/22 18:02	1

Chloride 4.98 0.855 mg/Kg 01/17/22 18:55 651

Client Sample ID: S4A Lab Sample ID: 890-1833-4 Date Collected: 01/12/22 13:30 Matrix: Solid

Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.0193		0.00202	0.000389	mg/Kg		01/17/22 07:30	01/17/22 16:49	
Toluene	0.00252		0.00202	0.000461	mg/Kg		01/17/22 07:30	01/17/22 16:49	
Ethylbenzene	0.0167		0.00202	0.000571	mg/Kg		01/17/22 07:30	01/17/22 16:49	
m-Xylene & p-Xylene	0.00201	J	0.00404	0.00102	mg/Kg		01/17/22 07:30	01/17/22 16:49	
o-Xylene	0.00145	J	0.00202	0.000347	mg/Kg		01/17/22 07:30	01/17/22 16:49	
Xylenes, Total	0.00346	J	0.00404	0.00102	mg/Kg		01/17/22 07:30	01/17/22 16:49	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	173	X	70 _ 130				01/17/22 07:30	01/17/22 16:49	
1,4-Difluorobenzene (Surr)	104		70 - 130				01/17/22 07:30	01/17/22 16:49	
- Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.0420		0.00404	0.00102	mg/Kg			01/17/22 15:00	
Method: 8015 NM - Diesel Range Analyte	Result	Qualifier	RL		Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH	20.5	J	49.9	15.0	mg/Kg			01/17/22 14:35	
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	20.5	J	49.9	15.0	mg/Kg		01/17/22 09:16	01/17/22 18:23	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		01/17/22 09:16	01/17/22 18:23	
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/17/22 09:16	01/17/22 18:23	
			Limits				Prepared	Analyzed	Dil Fa
Surrogate	%Recovery	Qualifier	Lilling						
Surrogate 1-Chlorooctane		Qualifier	70 - 130				01/17/22 09:16	01/17/22 18:23	
		Qualifier					01/17/22 09:16 01/17/22 09:16	01/17/22 18:23 01/17/22 18:23	
1-Chlorooctane	84 91	<u> </u>	70 - 130						
1-Chlorooctane o-Terphenyl	84 91 omatography -	<u> </u>	70 - 130	MDL	Unit	D			Dil Fac

Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: S5A Lab Sample ID: 890-1833-5

Date Collected: 01/12/22 13:35 Matrix: Solid

Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00911		0.00199	0.000383	mg/Kg		01/17/22 07:30	01/17/22 17:09	1
Toluene	0.00191	J	0.00199	0.000454	mg/Kg		01/17/22 07:30	01/17/22 17:09	1
Ethylbenzene	0.00102	J	0.00199	0.000563	mg/Kg		01/17/22 07:30	01/17/22 17:09	1
m-Xylene & p-Xylene	0.00105	J	0.00398	0.00101	mg/Kg		01/17/22 07:30	01/17/22 17:09	1
o-Xylene	0.00432		0.00199	0.000343	mg/Kg		01/17/22 07:30	01/17/22 17:09	1
Xylenes, Total	0.00537		0.00398	0.00101	mg/Kg		01/17/22 07:30	01/17/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				01/17/22 07:30	01/17/22 17:09	1
1,4-Difluorobenzene (Surr)	49	X	70 - 130				01/17/22 07:30	01/17/22 17:09	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0174		0.00398	0.00101	mg/Kg			01/17/22 15:00	1
Method: 8015 NM - Diesel Range	e Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			01/17/22 14:35	1
Method: 8015B NM - Diesel Ran	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 18:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 18:44	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/17/22 09:16	01/17/22 18:44	1
o-Terphenyl	76		70 - 130				01/17/22 09:16	01/17/22 18:44	1
Method: 300.0 - Anions, Ion Chr	omatography -	Soluble							
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S6A Lab Sample ID: 890-1833-6

978

24.8

4.26 mg/Kg

Date Collected: 01/12/22 13:40 Date Received: 01/14/22 10:24

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000654	J	0.00200	0.000384	mg/Kg		01/17/22 07:30	01/17/22 17:30	1
Toluene	0.00231		0.00200	0.000455	mg/Kg		01/17/22 07:30	01/17/22 17:30	1
Ethylbenzene	0.00237		0.00200	0.000564	mg/Kg		01/17/22 07:30	01/17/22 17:30	1
m-Xylene & p-Xylene	0.00530		0.00399	0.00101	mg/Kg		01/17/22 07:30	01/17/22 17:30	1
o-Xylene	0.00250		0.00200	0.000343	mg/Kg		01/17/22 07:30	01/17/22 17:30	1
Xylenes, Total	0.00780		0.00399	0.00101	mg/Kg		01/17/22 07:30	01/17/22 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				01/17/22 07:30	01/17/22 17:30	1
1,4-Difluorobenzene (Surr)	73		70 - 130				01/17/22 07:30	01/17/22 17:30	1

Eurofins Carlsbad

01/17/22 19:18

Matrix: Solid

Client: Talon/LPE Project/Site: 1022 LINE LEAK

Job ID: 890-1833-1 SDG: 700702.119.01

Lab Sample ID: 890-1833-6

Matrix: Solid

Client Sample ID: S6A Date Collected: 01/12/22 13:40 Date Received: 01/14/22 10:24

Method: Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	0.0131		0.00399	0.00101	mg/Kg			01/17/22 15:00	1	

Method: 8015 NM - Diesel Range	Organics (DRO) (G	SC)						
Analyte	Result Qual	lifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	15.0	mg/Kg			01/17/22 14:35	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 19:05	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 19:05	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91	-	70 - 130				01/17/22 09:16	01/17/22 19:05	1

– Method: 300.0 - Anions, Ion Chron	natography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	462		5.04	0.865	mg/Kg	_		01/17/22 19:54	1

70 - 130

Client Sample ID: S7A Lab Sample ID: 890-1833-7 Date Collected: 01/12/22 13:45 **Matrix: Solid**

Released to Imaging: 9/14/2022 11:42:31 AM

o-Terphenyl

Method: 8021B - Volatile Organic Analyte	•	GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.0814		0.00198	0.000381	mg/Kg		01/17/22 07:30	01/17/22 17:50	
Toluene	0.109		0.00198	0.000451	mg/Kg		01/17/22 07:30	01/17/22 17:50	
Ethylbenzene	0.0334		0.00198	0.000559	mg/Kg		01/17/22 07:30	01/17/22 17:50	
m-Xylene & p-Xylene	0.00179	J	0.00396	0.00100	mg/Kg		01/17/22 07:30	01/17/22 17:50	
o-Xylene	0.209		0.00198	0.000341	mg/Kg		01/17/22 07:30	01/17/22 17:50	
Xylenes, Total	0.211		0.00396	0.00100	mg/Kg		01/17/22 07:30	01/17/22 17:50	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	530	X	70 - 130				01/17/22 07:30	01/17/22 17:50	-
1.1.0:0	100						04/47/00 07 00	01/17/22 17:50	
1,4-Difluorobenzene (Surr)	139	X	70 - 130				01/17/22 07:30	01/11/22 17.50	
		X	70 - 130				01/1 //22 07:30	01/17/22 17.50	
Method: Total BTEX - Total BTEX	Calculation	X Qualifier	70 ₋ 130	MDL	Unit	D	01/11//22 07:30 Prepared	Analyzed	
Method: Total BTEX - Total BTEX Analyte Total BTEX	Calculation			MDL 0.00100		<u>D</u>			Dil Fac
Method: Total BTEX - Total BTEX Analyte Total BTEX	Calculation Result 0.435	Qualifier	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Analyte Total BTEX Method: 8015 NM - Diesel Range	Calculation Result 0.435 Organics (DR	Qualifier	RL		mg/Kg	<u>D</u>		Analyzed	Dil Fa
Method: Total BTEX - Total BTEX Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte	Calculation Result 0.435 Organics (DR	Qualifier O) (GC) Qualifier	RL 0.00396	0.00100	mg/Kg		Prepared	Analyzed 01/17/22 15:00	Dil Fa
Method: Total BTEX - Total BTEX Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH	Calculation Result 0.435 Organics (DRO Result 19.9	Qualifier O) (GC) Qualifier J	RL 0.00396	0.00100 MDL	mg/Kg		Prepared	Analyzed 01/17/22 15:00 Analyzed	Dil Fac
Method: Total BTEX - Total BTEX Analyte Total BTEX Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range	Calculation Result 0.435 Organics (DRO Result 19.9 e Organics (D	Qualifier O) (GC) Qualifier J	RL 0.00396	0.00100 MDL	mg/Kg Unit mg/Kg		Prepared	Analyzed 01/17/22 15:00 Analyzed	Dil Fa
Method: Total BTEX - Total BTEX Analyte	Calculation Result 0.435 Organics (DRO Result 19.9 e Organics (D	Qualifier O) (GC) Qualifier J RO) (GC) Qualifier	RL 0.00396	0.00100 MDL 14.9	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/17/22 15:00 Analyzed 01/17/22 14:35	Dil Fa

Client: Talon/LPE

Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: S7A Lab Sample ID: 890-1833-7

Date Collected: 01/12/22 13:45 Matrix: Solid Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	14.9	mg/Kg		01/17/22 09:16	01/17/22 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/17/22 09:16	01/17/22 19:25	1
o-Terphenyl	95		70 - 130				01/17/22 09:16	01/17/22 19:25	1

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 1230 24.9 4.27 mg/Kg 01/17/22 20:06 Chloride

Client Sample ID: SW1 Lab Sample ID: 890-1833-8

Date Collected: 01/13/22 09:30 Matrix: Solid Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.000648	J	0.00199	0.000383	mg/Kg		01/17/22 07:30	01/17/22 18:10	
Toluene	0.00317		0.00199	0.000453	mg/Kg		01/17/22 07:30	01/17/22 18:10	
Ethylbenzene	0.00135	J	0.00199	0.000562	mg/Kg		01/17/22 07:30	01/17/22 18:10	
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00100	mg/Kg		01/17/22 07:30	01/17/22 18:10	
o-Xylene	0.00196	J	0.00199	0.000342	mg/Kg		01/17/22 07:30	01/17/22 18:10	
Xylenes, Total	0.00196	J	0.00398	0.00100	mg/Kg		01/17/22 07:30	01/17/22 18:10	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	87		70 - 130				01/17/22 07:30	01/17/22 18:10	
1,4-Difluorobenzene (Surr)	80		70 - 130				01/17/22 07:30	01/17/22 18:10	
· Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.00713		0.00398	0.00100	mg/Kg			01/17/22 15:00	
Analyte		Qualifier	RL		Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH	18.6	J	50.0	15.0	mg/Kg			01/17/22 14:35	
Method: 8015B NM - Diesel Rang	ne Organics (D	RO) (GC)							
Analyte	,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	18.6	J	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 19:46	
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 19:46	
C10-C28)	=0.0			45.0			04447400 00 40	04447400 40 40	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 19:46	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	83		70 - 130				01/17/22 09:16	01/17/22 19:46	
o-Terphenyl	81		70 - 130				01/17/22 09:16	01/17/22 19:46	
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
		o			1114	_			B.: -
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: SW2

Lab Sample ID: 890-1833-9

Date Collected: 01/13/22 09:35 Matrix: Solid Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	0.000388	mg/Kg		01/17/22 07:30	01/17/22 18:31	1
Toluene	<0.00202	U	0.00202	0.000460	mg/Kg		01/17/22 07:30	01/17/22 18:31	1
Ethylbenzene	<0.00202	U	0.00202	0.000570	mg/Kg		01/17/22 07:30	01/17/22 18:31	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	0.00102	mg/Kg		01/17/22 07:30	01/17/22 18:31	1
o-Xylene	<0.00202	U	0.00202	0.000347	mg/Kg		01/17/22 07:30	01/17/22 18:31	1
Xylenes, Total	<0.00403	U	0.00403	0.00102	mg/Kg		01/17/22 07:30	01/17/22 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				01/17/22 07:30	01/17/22 18:31	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/17/22 07:30	01/17/22 18:31	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00403	U	0.00403	0.00102	mg/Kg			01/17/22 15:00	1
Mothod: 9045 NM Diocal Bangs	Organica (DD)	0) (CC)							
Method: 8015 NM - Diesel Range Analyte		O) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier	RL	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 01/17/22 14:35	Dil Fac
Analyte Total TPH	Result 24.1	Qualifier J				<u>D</u>	Prepared		
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte	Result 24.1 ge Organics (Di	Qualifier J			mg/Kg	<u>D</u>	Prepared Prepared		Dil Fac Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang	Result 24.1 ge Organics (Di	Qualifier J RO) (GC) Qualifier	50.0	15.0	mg/Kg			01/17/22 14:35	1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result 24.1 ge Organics (Dige Result	Qualifier J RO) (GC) Qualifier J	50.0	15.0 MDL 15.0	mg/Kg		Prepared	01/17/22 14:35 Analyzed	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 24.1 ge Organics (Di Result 24.1	Qualifier J RO) (GC) Qualifier J	50.0 RL 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg		Prepared 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 20:08	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier J RO) (GC) Qualifier J U	50.0 RL 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/17/22 09:16 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 20:08 01/17/22 20:08	1 Dil Fac 1 1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier J RO) (GC) Qualifier J U	50.0 RL 50.0 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/17/22 09:16 01/17/22 09:16 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 20:08 01/17/22 20:08	Dil Fac 1 1 Dil Fac Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 24.1	Qualifier J RO) (GC) Qualifier J U	50.0 RL 50.0 50.0 50.0 Limits	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/17/22 09:16 01/17/22 09:16 01/17/22 09:16 Prepared	01/17/22 14:35 Analyzed 01/17/22 20:08 01/17/22 20:08 01/17/22 20:08 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 24.1	Qualifier J RO) (GC) Qualifier J U Qualifier	50.0 RL 50.0 50.0 50.0 <i>Limits</i> 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/17/22 09:16 01/17/22 09:16 01/17/22 09:16 Prepared 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 20:08 01/17/22 20:08 Analyzed 01/17/22 20:08	Dil Fac 1 1 Dil Fac Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 24.1	Qualifier J RO) (GC) Qualifier J U Qualifier	50.0 RL 50.0 50.0 50.0 <i>Limits</i> 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 01/17/22 09:16 01/17/22 09:16 01/17/22 09:16 Prepared 01/17/22 09:16	01/17/22 14:35 Analyzed 01/17/22 20:08 01/17/22 20:08 Analyzed 01/17/22 20:08	1 Dil Fac 1 Dil Fac 1

Client Sample ID: SW3 Lab Sample ID: 890-1833-10 **Matrix: Solid**

Date Collected: 01/13/22 09:40 Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000435	J	0.00200	0.000386	mg/Kg		01/17/22 07:30	01/17/22 18:51	1
Toluene	0.00257		0.00200	0.000457	mg/Kg		01/17/22 07:30	01/17/22 18:51	1
Ethylbenzene	0.000581	J	0.00200	0.000566	mg/Kg		01/17/22 07:30	01/17/22 18:51	1
m-Xylene & p-Xylene	0.00630		0.00401	0.00101	mg/Kg		01/17/22 07:30	01/17/22 18:51	1
o-Xylene	0.000965	J	0.00200	0.000345	mg/Kg		01/17/22 07:30	01/17/22 18:51	1
Xylenes, Total	0.00727		0.00401	0.00101	mg/Kg		01/17/22 07:30	01/17/22 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/17/22 07:30	01/17/22 18:51	1
1,4-Difluorobenzene (Surr)	151	X	70 - 130				01/17/22 07:30	01/17/22 18:51	1

Client: Talon/LPE

Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: SW3 Lab Sample ID: 890-1833-10 Matrix: Solid

Date Collected: 01/13/22 09:40 Date Received: 01/14/22 10:24

Method: Total BTEX - Total BTEX	Gardalation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0109		0.00401	0.00101	mg/Kg			01/17/22 15:00	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.3	J	49.9	15.0	mg/Kg			01/17/22 14:35	1
- Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	15.3	J	49.9	15.0	mg/Kg		01/17/22 09:16	01/17/22 20:29	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9	15.0	mg/Kg		01/17/22 09:16	01/17/22 20:29	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/17/22 09:16	01/17/22 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/17/22 09:16	01/17/22 20:29	1
o-Terphenyl	77		70 - 130				01/17/22 09:16	01/17/22 20:29	1
- Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	381		24.8	4 25	mg/Kg			01/17/22 21:05	5

Client Sample ID: SW4 Lab Sample ID: 890-1833-11 **Matrix: Solid**

Date Collected: 01/13/22 09:45 Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000742	J	0.00200	0.000384	mg/Kg		01/17/22 07:30	01/17/22 16:16	1
Toluene	<0.00200	U	0.00200	0.000455	mg/Kg		01/17/22 07:30	01/17/22 16:16	1
Ethylbenzene	<0.00200	U	0.00200	0.000564	mg/Kg		01/17/22 07:30	01/17/22 16:16	1
m-Xylene & p-Xylene	0.00160	J	0.00399	0.00101	mg/Kg		01/17/22 07:30	01/17/22 16:16	1
o-Xylene	0.000467	J	0.00200	0.000343	mg/Kg		01/17/22 07:30	01/17/22 16:16	1
Xylenes, Total	0.00207	J	0.00399	0.00101	mg/Kg		01/17/22 07:30	01/17/22 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				01/17/22 07:30	01/17/22 16:16	
1,4-Difluorobenzene (Surr)	91		70 100				04/47/00 07 00	04/47/00 46:46	
Method: Total BTEX - Total BTE	X Calculation		70 - 130				01/17/22 07:30	01/17/22 16:16	
Method: Total BTEX - Total BTE	X Calculation								
Method: Total BTEX - Total BTE Analyte	X Calculation Result	Qualifier J	70 - 130 RL 0.00399	MDL 0.00101		<u>D</u>	Prepared	Analyzed 01/17/22 15:00	Dil Fac
	X Calculation		RL		Unit mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX	X Calculation Result 0.00281	J	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang	X Calculation Result 0.00281 e Organics (DR	J	RL		mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte	X Calculation Result 0.00281 e Organics (DR	J O) (GC) Qualifier	RL 0.00399	0.00101	mg/Kg	_ =	Prepared	Analyzed 01/17/22 15:00	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	X Calculation Result 0.00281 e Organics (DR) Result 19.4	J O) (GC) Qualifier J	RL 0.00399 RL	0.00101 MDL	mg/Kg	_ =	Prepared	Analyzed 01/17/22 15:00 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Ran	X Calculation Result 0.00281 e Organics (DR) Result 19.4 ge Organics (D	J O) (GC) Qualifier J	RL 0.00399 RL	0.00101 MDL	mg/Kg Unit mg/Kg	_ =	Prepared	Analyzed 01/17/22 15:00 Analyzed	Dil Fac
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	X Calculation Result 0.00281 e Organics (DR) Result 19.4 ge Organics (D	J O) (GC) Qualifier J RO) (GC) Qualifier	RL 0.00399	0.00101 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 01/17/22 15:00 Analyzed 01/17/22 14:35	Dil Fac

Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: SW4 Lab Sample ID: 890-1833-11 Date Collected: 01/13/22 09:45

Matrix: Solid

Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:12	01/17/22 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	X	70 - 130				01/17/22 09:12	01/17/22 17:25	1
o-Terphenyl	65	X	70 ₋ 130				01/17/22 09:12	01/17/22 17:25	1

Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Analyte 5.00 0.858 mg/Kg 01/17/22 21:17 Chloride 516

Client Sample ID: SW5 Lab Sample ID: 890-1833-12 Date Collected: 01/13/22 09:50 **Matrix: Solid**

Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000600	J	0.00201	0.000387	mg/Kg		01/17/22 07:30	01/17/22 16:36	1
Toluene	0.000757	J	0.00201	0.000459	mg/Kg		01/17/22 07:30	01/17/22 16:36	1
Ethylbenzene	0.00177	J	0.00201	0.000568	mg/Kg		01/17/22 07:30	01/17/22 16:36	1
m-Xylene & p-Xylene	0.00183	J	0.00402	0.00102	mg/Kg		01/17/22 07:30	01/17/22 16:36	1
o-Xylene	0.00152	J	0.00201	0.000346	mg/Kg		01/17/22 07:30	01/17/22 16:36	1
Xylenes, Total	0.00335	J	0.00402	0.00102	mg/Kg		01/17/22 07:30	01/17/22 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/17/22 07:30	01/17/22 16:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/17/22 07:30	01/17/22 16:36	1
- Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00648		0.00402	0.00102	mg/Kg			01/17/22 15:00	1
Analyte Total TPH		Qualifier	RL		Unit ma/Ka	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	28.9	J	49.9	15.0	mg/Kg			01/17/22 14:35	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
*	Result <49.9		RL 49.9		Unit mg/Kg	<u>D</u>	Prepared 01/17/22 09:12	Analyzed 01/17/22 17:46	Dil Fac
Gasoline Range Organics		U		15.0		<u>D</u>			
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.9	U J b	49.9	15.0 15.0	mg/Kg	<u>D</u>	01/17/22 09:12	01/17/22 17:46	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9 28.9	U J b U	49.9	15.0 15.0	mg/Kg	<u>D</u>	01/17/22 09:12	01/17/22 17:46	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<49.9 28.9 <49.9	U J b U	49.9 49.9 49.9	15.0 15.0	mg/Kg	<u>D</u>	01/17/22 09:12 01/17/22 09:12 01/17/22 09:12	01/17/22 17:46 01/17/22 17:46 01/17/22 17:46	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<49.9 28.9 <49.9 %Recovery	U J b U	49.9 49.9 49.9 <i>Limits</i>	15.0 15.0	mg/Kg	<u>D</u>	01/17/22 09:12 01/17/22 09:12 01/17/22 09:12 Prepared	01/17/22 17:46 01/17/22 17:46 01/17/22 17:46 Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.9 28.9 <49.9 %Recovery 71 72	U J b U Qualifier	49.9 49.9 49.9 Limits 70 - 130	15.0 15.0	mg/Kg	<u>D</u>	01/17/22 09:12 01/17/22 09:12 01/17/22 09:12 Prepared 01/17/22 09:12	01/17/22 17:46 01/17/22 17:46 01/17/22 17:46 01/17/22 17:46 Analyzed 01/17/22 17:46	1 1 Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.9 28.9 <49.9 %Recovery 71 72 omatography -	U J b U Qualifier	49.9 49.9 49.9 Limits 70 - 130	15.0 15.0 15.0	mg/Kg	<u>D</u>	01/17/22 09:12 01/17/22 09:12 01/17/22 09:12 Prepared 01/17/22 09:12	01/17/22 17:46 01/17/22 17:46 01/17/22 17:46 01/17/22 17:46 Analyzed 01/17/22 17:46	Dil Fac

Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: SW6 Lab Sample ID: 890-1833-13

Date Collected: 01/13/22 09:55 Matrix: Solid Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000386	mg/Kg		01/17/22 07:30	01/17/22 16:56	1
Toluene	<0.00200	U	0.00200	0.000457	mg/Kg		01/17/22 07:30	01/17/22 16:56	1
Ethylbenzene	<0.00200	U	0.00200	0.000566	mg/Kg		01/17/22 07:30	01/17/22 16:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	0.00101	mg/Kg		01/17/22 07:30	01/17/22 16:56	1
o-Xylene	<0.00200	U	0.00200	0.000345	mg/Kg		01/17/22 07:30	01/17/22 16:56	1
Xylenes, Total	<0.00401	U	0.00401	0.00101	mg/Kg		01/17/22 07:30	01/17/22 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				01/17/22 07:30	01/17/22 16:56	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/17/22 07:30	01/17/22 16:56	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	0.00101	mg/Kg			01/17/22 15:00	1
Method: 8015 NM - Diesel Range	e Organics (DR	O) (GC)							
Method: 8015 NM - Diesel Range Analyte	Result	Qualifier	RL		Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
•	•	Qualifier	RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 01/17/22 14:35	
Analyte Total TPH	Result 24.0	Qualifier J				<u>D</u>	Prepared		
Analyte	Result 24.0 ge Organics (Di	Qualifier J		15.0		<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: 8015B NM - Diesel Rang	Result 24.0 ge Organics (Di	Qualifier J RO) (GC) Qualifier	50.0	15.0	mg/Kg		· · ·	01/17/22 14:35	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	Result 24.0 ge Organics (DI Result	Qualifier J RO) (GC) Qualifier	50.0 RL 50.0	15.0 MDL 15.0	mg/Kg Unit mg/Kg		Prepared 01/17/22 09:12	01/17/22 14:35 Analyzed 01/17/22 18:07	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 24.0 ge Organics (DI Result	Qualifier J RO) (GC) Qualifier U	50.0	15.0 MDL 15.0	mg/Kg		Prepared	01/17/22 14:35 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 24.0 ge Organics (Di Result <50.0	Qualifier J RO) (GC) Qualifier U J b	50.0 RL 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/17/22 09:12 01/17/22 09:12	01/17/22 14:35 Analyzed 01/17/22 18:07 01/17/22 18:07	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 24.0 ge Organics (Di Result < 50.0	Qualifier J RO) (GC) Qualifier U J b	50.0 RL 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg		Prepared 01/17/22 09:12	01/17/22 14:35 Analyzed 01/17/22 18:07	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 24.0	Qualifier J RO) (GC) Qualifier U J b	50.0 RL 50.0 50.0 50.0 Limits	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/17/22 09:12 01/17/22 09:12 01/17/22 09:12 Prepared	01/17/22 14:35 Analyzed 01/17/22 18:07 01/17/22 18:07 01/17/22 18:07 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 24.0	Qualifier J RO) (GC) Qualifier U J b U	50.0 RL 50.0 50.0	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/17/22 09:12 01/17/22 09:12 01/17/22 09:12 Prepared 01/17/22 09:12	01/17/22 14:35 Analyzed 01/17/22 18:07 01/17/22 18:07	Dil Face 1 1 1 Dil Face
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 24.0	Qualifier J RO) (GC) Qualifier U J b U	50.0 RL 50.0 50.0 50.0 Limits	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/17/22 09:12 01/17/22 09:12 01/17/22 09:12 Prepared	01/17/22 14:35 Analyzed 01/17/22 18:07 01/17/22 18:07 01/17/22 18:07 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 24.0	Qualifier J RO) (GC) Qualifier U J b U Qualifier	50.0 RL 50.0 50.0 50.0 <i>Limits</i> 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 01/17/22 09:12 01/17/22 09:12 01/17/22 09:12 Prepared 01/17/22 09:12	01/17/22 14:35 Analyzed 01/17/22 18:07 01/17/22 18:07 Analyzed 01/17/22 18:07	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 24.0	Qualifier J RO) (GC) Qualifier U J b U Qualifier	50.0 RL 50.0 50.0 50.0 <i>Limits</i> 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 01/17/22 09:12 01/17/22 09:12 01/17/22 09:12 Prepared 01/17/22 09:12	01/17/22 14:35 Analyzed 01/17/22 18:07 01/17/22 18:07 Analyzed 01/17/22 18:07	Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac

Client Sample ID: SW7 Lab Sample ID: 890-1833-14 Date Collected: 01/13/22 10:00 **Matrix: Solid**

Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		01/17/22 07:30	01/17/22 17:17	1
Toluene	<0.00199	U	0.00199	0.000453	mg/Kg		01/17/22 07:30	01/17/22 17:17	1
Ethylbenzene	<0.00199	U	0.00199	0.000562	mg/Kg		01/17/22 07:30	01/17/22 17:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00100	mg/Kg		01/17/22 07:30	01/17/22 17:17	1
o-Xylene	<0.00199	U	0.00199	0.000342	mg/Kg		01/17/22 07:30	01/17/22 17:17	1
Xylenes, Total	<0.00398	U	0.00398	0.00100	mg/Kg		01/17/22 07:30	01/17/22 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				01/17/22 07:30	01/17/22 17:17	1
1,4-Difluorobenzene (Surr)	76		70 - 130				01/17/22 07:30	01/17/22 17:17	1

Client Sample Results

Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: SW7 Lab Sample ID: 890-1833-14 Date Collected: 01/13/22 10:00

Matrix: Solid

Date Received: 01/14/22 10:24

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	0.00100	mg/Kg			01/17/22 15:00	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.9	J	49.9	15.0	mg/Kg			01/17/22 14:35	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	15.0	mg/Kg		01/17/22 09:12	01/17/22 18:28	1
(GRO)-C6-C10									
Diesel Range Organics (Over	21.9	J b	49.9	15.0	mg/Kg		01/17/22 09:12	01/17/22 18:28	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		01/17/22 09:12	01/17/22 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	X	70 - 130				01/17/22 09:12	01/17/22 18:28	1
o-Terphenyl	70		70 - 130				01/17/22 09:12	01/17/22 18:28	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	236	-	5.02	0.862	mg/Kg			01/17/22 21:53	

Surrogate Summary

 Client: Talon/LPE
 Job ID: 890-1833-1

 Project/Site: 1022 LINE LEAK
 SDG: 700702.119.01

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Limits)
I ah Camula ID	Client Comple ID	(70-130)	(70-130)	
Lab Sample ID 890-1830-A-1-A MS	Client Sample ID Matrix Spike	107	94	· —— —— —— —— ·
890-1830-A-1-B MSD	Matrix Spike Duplicate	107	100	
890-1831-A-1-A MS	Matrix Spike Duplicate	102	89	
890-1831-A-1-B MSD	Matrix Spike Duplicate	103	104	
890-1833-1	S1A	111	104	
690-1633-1 890-1833-2	S2A			
		104	84	
890-1833-3	S3A	106	114	
890-1833-4	S4A	173 X	104	
890-1833-5	S5A	101	49 X	
890-1833-6	S6A	102	73	
890-1833-7	S7A	530 X	139 X	
890-1833-8	SW1	87	80	
890-1833-9	SW2	107	100	
890-1833-10	SW3	109	151 X	
890-1833-11	SW4	113	91	
890-1833-12	SW5	117	94	
890-1833-13	SW6	125	101	
890-1833-14	SW7	90	76	
LCS 880-16866/1-A	Lab Control Sample	101	94	
LCS 880-16867/1-A	Lab Control Sample	117	102	
LCSD 880-16866/2-A	Lab Control Sample Dup	100	98	
LCSD 880-16867/2-A	Lab Control Sample Dup	109	93	
MB 880-16866/5-A	Method Blank	112	98	
MB 880-16867/5-A	Method Blank	121	104	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acc
		1001	OTPH1	
Lab Sample ID Cli	ient Sample ID	(70-130)	(70-130)	
890-1830-A-1-E MS Ma	atrix Spike	67 X	60 X	
890-1830-A-1-F MSD Ma	atrix Spike Duplicate	77	68 X	
890-1831-A-1-E MS Ma	atrix Spike	87	78	
890-1831-A-1-F MSD Ma	atrix Spike Duplicate	82	76	
890-1833-1 S1	A	89	90	
890-1833-2 S2	A.	105	104	
890-1833-3 S3	A	94	86	
890-1833-4 S4	A	84	91	
890-1833-5 S5	iA	83	76	
890-1833-6 S6	iA	91	90	
890-1833-7 S7	'A	99	95	
890-1833-8 SV	V1	83	81	
890-1833-9 SV	V2	97	100	
890-1833-10 SV	V3	76	77	
890-1833-11 SV	V4	65 X	65 X	

Surrogate Summary

 Client: Talon/LPE
 Job ID: 890-1833-1

 Project/Site: 1022 LINE LEAK
 SDG: 700702.119.01

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1833-12	SW5	71	72	
890-1833-13	SW6	83	87	
890-1833-14	SW7	68 X	70	
LCS 880-16978/2-A	Lab Control Sample	98	92	
LCSD 880-16978/3-A	Lab Control Sample Dup	91	89	
MB 880-16978/1-A	Method Blank	74	77	
Surrogate Legend				
1CO = 1-Chlorooctane				
OTPH = o-Terphenyl				

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		1CO2	OTPH2				
Lab Sample ID	Client Sample ID	(70-130)	(70-130)				
LCS 880-16979/2-A	Lab Control Sample	103	103				
LCSD 880-16979/3-A	Lab Control Sample Dup	97	96				
MB 880-16979/1-A	Method Blank	84	84				
Surrogate Legend							

1CO = 1-Chlorooctane OTPH = o-Terphenyl

Client: Talon/LPE Job ID: 890-1833-1 SDG: 700702.119.01 Project/Site: 1022 LINE LEAK

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-16866/5-A

Matrix: Solid Analysis Batch: 16966 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16866

	MB	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		01/17/22 07:30	01/17/22 11:00	•
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		01/17/22 07:30	01/17/22 11:00	
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		01/17/22 07:30	01/17/22 11:00	
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		01/17/22 07:30	01/17/22 11:00	
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		01/17/22 07:30	01/17/22 11:00	
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		01/17/22 07:30	01/17/22 11:00	

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/17/22 07:30	01/17/22 11:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/17/22 07:30	01/17/22 11:00	1

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-16866/1-A

Matrix: Solid

Analysis Batch: 16966

Prep Type: Total/NA

Prep Batch: 16866

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08383		mg/Kg		84	70 - 130	
Toluene	0.100	0.07952		mg/Kg		80	70 - 130	
Ethylbenzene	0.100	0.07824		mg/Kg		78	70 - 130	
m-Xylene & p-Xylene	0.200	0.1639		mg/Kg		82	70 - 130	
o-Xylene	0.100	0.08093		mg/Kg		81	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-16866/2-A

Matrix: Solid

Analysis Batch: 16966

Client	Sample	ID: Lab	Control	Sample	Dup

Prep Type: Total/NA

Prep Batch: 16866

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08521		mg/Kg		85	70 - 130	2	35
Toluene	0.100	0.07770		mg/Kg		78	70 - 130	2	35
Ethylbenzene	0.100	0.07460		mg/Kg		75	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1541		mg/Kg		77	70 - 130	6	35
o-Xylene	0.100	0.07860		mg/Kg		79	70 - 130	3	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	100	70 - 130
1,4-Difluorobenzene (Surr)	98	70 - 130

Lab Sample ID: 890-1831-A-1-B MSD

Matrix: Solid

Analysis Batch: 16966

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 16866

Allalysis Datcii. 10300					Fieb parcii.						
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.101	0.09613		mg/Kg					

Toluene 0.000465 J 0.101 0.08518 mg/Kg

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Job ID: 890-1833-1 Client: Talon/LPE SDG: 700702.119.01 Project/Site: 1022 LINE LEAK

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1831-A-1-B MSD **Matrix: Solid**

Lab Sample ID: MB 880-16867/5-A

Analysis Batch: 16966

o-Xylene

Matrix: Solid

Client Sample	ID:	Matrix	Spike	Duplicate
		_	_	

Prep Type: Total/NA Prep Batch: 16866

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Ethylbenzene	<0.00201	U	0.101	0.08842		mg/Kg					
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1819		mg/Kg					

0.08978

mg/Kg

0.101

MSD MSD

<0.00201 U

Surrogate	%Recovery Qu	alifier Limits
4-Bromofluorobenzene (Surr)	103	70 - 130
1,4-Difluorobenzene (Surr)	104	70 - 130

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 16867

Analysis Batch: 16967 мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		01/17/22 07:30	01/17/22 10:53	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		01/17/22 07:30	01/17/22 10:53	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		01/17/22 07:30	01/17/22 10:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		01/17/22 07:30	01/17/22 10:53	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		01/17/22 07:30	01/17/22 10:53	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		01/17/22 07:30	01/17/22 10:53	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121	70 - 130	01/17/22 07:30	01/17/22 10:53	1
1.4-Difluorobenzene (Surr)	104	70 - 130	01/17/22 07:30	01/17/22 10:53	1

Lab Sample ID: LCS 880-16867/1-A

Matrix: Solid

Analysis Batch: 16967

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 16867

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.09568 mg/Kg 96 70 - 130 Toluene 0.100 0.09826 mg/Kg 98 70 - 130 Ethylbenzene 0.100 0.1055 mg/Kg 106 70 - 130 0.200 m-Xylene & p-Xylene 0.2080 104 70 - 130 mg/Kg 0.100 0.1008 70 - 130 o-Xylene mg/Kg 101

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	117	70 - 130
1,4-Difluorobenzene (Surr)	102	70 - 130

Lab Sample ID: LCSD 880-16867/2-A

Analysis Batch: 16967

Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Total/NA

Prep Batch: 16867

Think, yell Bulletin 1000.									
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08583		mg/Kg		86	70 - 130	11	35
Toluene	0.100	0.09537		mg/Kg		95	70 - 130	3	35
Ethylbenzene	0.100	0.09776		mg/Kg		98	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1819		mg/Kg		91	70 - 130	13	35

Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-16867/2-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 16967 Prep Batch: 16867 Spike LCSD LCSD %Rec. **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D o-Xylene 0.100 0.08903 89 70 - 130 12 35 mg/Kg

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-1830-A-1-B MSD

Matrix: Solid Analysis Batch: 16967

Prep Batch: 16867 Sample Sample Spike MSD MSD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Benzene <0.00200 U 0.0994 0.1012 mg/Kg Toluene <0.00200 U 0.0994 0.09193 mg/Kg

0.0994

0.199

0.09900

0.1853

0.08833

mg/Kg

mg/Kg

mg/Kg

<0.00200 U 0.0994 o-Xylene MSD MSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 105 70 - 130 1,4-Difluorobenzene (Surr) 100 70 - 130

<0.00200

<0.00401 U

U

Lab Sample ID: 890-1831-A-1-A MS

Matrix: Solid

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 16966

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 890-1830-A-1-A MS

Matrix: Solid

Analysis Batch: 16967

	MS		
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-16978/1-A

Released to Imaging: 9/14/2022 11:42:31 AM

Matrix: Solid

Analysis Batch: 16964

Analysis Batom 10004								i iop Batoi	
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	41.16	J	50.0	15.0	mg/Kg		01/17/22 09:12	01/17/22 11:45	1
(GRO)-C6-C10									
Diesel Range Organics (Over	21.52	J	50.0	15.0	mg/Kg		01/17/22 09:12	01/17/22 11:45	1
C10-C28)									

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RPD

Limit

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

RPD

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 16978

Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK

SDG: 700702.119.01

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-16978/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 16964 Prep Batch: 16978 MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:12	01/17/22 11:45	1
	МВ	МВ							

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	01/17/22 09:12	01/17/22 11:45	1
o-Terphenyl	77		70 - 130	01/17/22 09:12	01/17/22 11:45	1

Lab Sample ID: LCS 880-16978/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 16964

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1033		mg/Kg		103	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	878.7		mg/Kg		88	70 - 130	
C10-C28)								

	LCS LC	S	
Surrogate	%Recovery Qu	ıalifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: LCSD 880-16978/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 16964

7 manyono Batomi 1000 i								D utoiii	
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1022		mg/Kg		102	70 - 130	1	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	894.7		mg/Kg		89	70 - 130	2	20
C10-C28)									

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 890-1830-A-1-E MS Client Sample ID: Matrix Spike

MS MS

Matrix: Solid Analysis Batch: 16964

Sample Sample Result Qualifier Result Qualifier Analyte Added Unit %Rec Limits <50.0 U 1350 N1 Gasoline Range Organics 999 mg/Kg 135 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 999 20.8 Jb 1144 mg/Kg 112 70 - 130

Spike

C10-C28)

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	67	X	70 - 130
o-Terphenyl	60	X	70 - 130

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Prep Type: Total/NA Prep Batch: 16978

Prep Batch: 16978

%Rec.

Prep Type: Total/NA Prep Batch: 16978 Client: Talon/LPE

Job ID: 890-1833-1 SDG: 700702.119.01

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1830-A-1-F MSD

Matrix: Solid

Analysis Batch: 16964

Project/Site: 1022 LINE LEAK

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA Prep Batch: 16978

Sample Sample Spike MSD MSD RPD Result Qualifier Added Result Qualifier RPD Limit Analyte Unit %Rec Limits Gasoline Range Organics <50.0 U 998 1508 N1 mg/Kg 151 70 - 130 11 20 (GRO)-C6-C10 998 Diesel Range Organics (Over 20.8 Jb 1308 mg/Kg 129 70 - 130 13

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	68	X	70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16979

Lab Sample ID: MB 880-16979/1-A

Matrix: Solid

Analysis Batch: 16961

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 11:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 11:45	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		01/17/22 09:16	01/17/22 11:45	1

MB MB

Surrogate	%Recovery Qualifi	ier Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84	70 - 130	01/17/22 09:16	01/17/22 11:45	1
o-Terphenyl	84	70 - 130	01/17/22 09:16	01/17/22 11:45	1

Lab Sample ID: LCS 880-16979/2-A

Matrix: Solid

Analysis Batch: 16961

Client Sample ID:	Lab Control Sample
	Prop Type: Total/NA

Prep Type: Total/NA Prep Batch: 16979

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	843.6		mg/Kg		84	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	882.3		mg/Kg		88	70 _ 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: LCSD 880-16979/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 16961

•	Prep Type: Total/NA
	Prep Batch: 16979

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	840.6		mg/Kg		84	70 - 130	0	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	846.2		mg/Kg		85	70 - 130	4	20
C10-C28)									

Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK

SDG: 700702.119.01

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-16979/3-A

Matrix: Solid

Analysis Batch: 16961

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16979

LCSD LCSD

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 97 70 - 130 o-Terphenyl 96 70 - 130

Lab Sample ID: 890-1831-A-1-E MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 16961

Prep Type: Total/NA

Prep Batch: 16979

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits 32 9 J. 999 1175 114 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 999 49.3 J 961.0 mg/Kg 91 70 - 130C10-C28)

Limits

MS MS %Recovery Surrogate Qualifier

Lab Sample ID: 890-1831-A-1-F MSD

87 70 - 130 1-Chlorooctane 70 - 130 o-Terphenyl 78

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 16979

Sample Sample MSD MSD RPD Spike %Rec. Added Analyte Result Qualifier Result Qualifier Unit %Rec I imits RPD Limit D Gasoline Range Organics 32.9 J 998 1159 mg/Kg 113 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 49.3 J 998 949.4 mg/Kg 90 70 - 130 20

C10-C28)

Matrix: Solid

Analysis Batch: 16961

MSD MSD %Recovery Qualifier Surrogate

Limits 70 - 130 1-Chlorooctane 82 70 - 130 o-Terphenyl 76

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-17029/1-A Client Sample ID: Method Blank **Matrix: Solid**

Analysis Batch: 17060

Prep Type: Soluble

Dil Fac Analyte Result Qualifier RΙ MDL Unit D Prepared Analyzed Chloride <5.00 U 5.00 0.858 mg/Kg 01/17/22 15:57

Lab Sample ID: LCS 880-17029/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 17060

Spike LCS LCS %Rec. Analyte Added Result Qualifier Limits Unit Chloride 250 249.8 mg/Kg 100 90 - 110

мв мв

QC Sample Results

 Client: Talon/LPE
 Job ID: 890-1833-1

 Project/Site: 1022 LINE LEAK
 SDG: 700702.119.01

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-17029/3-A

Client Sample ID: Lab Control Sample Dup
Matrix: Solid

Prep Type: Soluble

Analysis Batch: 17060

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	249.2		mg/Kg	_	100	90 - 110	0	20	

Lab Sample ID: 890-1833-5 MS

Matrix: Solid

Client Sample ID: S5A

Prep Type: Soluble

Analysis Batch: 17060

	Sample Sample	Sample Sample Spike	MS	MS			%Rec.
Analyte	Result Qualifier			Qualifier Unit	D	%Rec	Limits
Chloride	978	978 1240	2267	mg/Kg		104	90 - 110

Lab Sample ID: 890-1833-5 MSD

Matrix: Solid

Client Sample ID: S5A

Prep Type: Soluble

Analysis Batch: 17060

Sample Sample Spike MSD MSD %Rec. RPD
Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit

Chloride 978 1240 2235 mg/Kg 101 90 - 110 1 20

Released to Imaging: 9/14/2022 11:42:31 AM

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Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

GC VOA

Prep Batch: 16866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-1	S1A	Total/NA	Solid	5035	
890-1833-2	S2A	Total/NA	Solid	5035	
890-1833-3	S3A	Total/NA	Solid	5035	
890-1833-4	S4A	Total/NA	Solid	5035	
890-1833-5	S5A	Total/NA	Solid	5035	
890-1833-6	S6A	Total/NA	Solid	5035	
890-1833-7	S7A	Total/NA	Solid	5035	
890-1833-8	SW1	Total/NA	Solid	5035	
890-1833-9	SW2	Total/NA	Solid	5035	
890-1833-10	SW3	Total/NA	Solid	5035	
MB 880-16866/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16866/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16866/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1831-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 16867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-11	SW4	Total/NA	Solid	5035	
890-1833-12	SW5	Total/NA	Solid	5035	
890-1833-13	SW6	Total/NA	Solid	5035	
890-1833-14	SW7	Total/NA	Solid	5035	
MB 880-16867/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16867/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16867/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1830-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 16966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-1	S1A	Total/NA	Solid	8021B	16866
890-1833-2	S2A	Total/NA	Solid	8021B	16866
890-1833-3	S3A	Total/NA	Solid	8021B	16866
890-1833-4	S4A	Total/NA	Solid	8021B	16866
890-1833-5	S5A	Total/NA	Solid	8021B	16866
890-1833-6	S6A	Total/NA	Solid	8021B	16866
890-1833-7	S7A	Total/NA	Solid	8021B	16866
890-1833-8	SW1	Total/NA	Solid	8021B	16866
890-1833-9	SW2	Total/NA	Solid	8021B	16866
890-1833-10	SW3	Total/NA	Solid	8021B	16866
MB 880-16866/5-A	Method Blank	Total/NA	Solid	8021B	16866
LCS 880-16866/1-A	Lab Control Sample	Total/NA	Solid	8021B	16866
LCSD 880-16866/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16866
890-1831-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	
890-1831-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	16866

Analysis Batch: 16967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-11	SW4	Total/NA	Solid	8021B	16867
890-1833-12	SW5	Total/NA	Solid	8021B	16867
890-1833-13	SW6	Total/NA	Solid	8021B	16867
890-1833-14	SW7	Total/NA	Solid	8021B	16867
MB 880-16867/5-A	Method Blank	Total/NA	Solid	8021B	16867

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Client: Talon/LPE
Project/Site: 1022 LINE LEAK

Job ID: 890-1833-1 SDG: 700702.119.01

GC VOA (Continued)

Analysis Batch: 16967 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-16867/1-A	Lab Control Sample	Total/NA	Solid	8021B	16867
LCSD 880-16867/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16867
890-1830-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	
890-1830-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	16867

Analysis Batch: 17056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-1	S1A	Total/NA	Solid	Total BTEX	
890-1833-2	S2A	Total/NA	Solid	Total BTEX	
890-1833-3	S3A	Total/NA	Solid	Total BTEX	
890-1833-4	S4A	Total/NA	Solid	Total BTEX	
890-1833-5	S5A	Total/NA	Solid	Total BTEX	
890-1833-6	S6A	Total/NA	Solid	Total BTEX	
890-1833-7	S7A	Total/NA	Solid	Total BTEX	
890-1833-8	SW1	Total/NA	Solid	Total BTEX	
890-1833-9	SW2	Total/NA	Solid	Total BTEX	
890-1833-10	SW3	Total/NA	Solid	Total BTEX	
890-1833-11	SW4	Total/NA	Solid	Total BTEX	
890-1833-12	SW5	Total/NA	Solid	Total BTEX	
890-1833-13	SW6	Total/NA	Solid	Total BTEX	
890-1833-14	SW7	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 16961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-1	S1A	Total/NA	Solid	8015B NM	16979
890-1833-2	S2A	Total/NA	Solid	8015B NM	16979
890-1833-3	S3A	Total/NA	Solid	8015B NM	16979
890-1833-4	S4A	Total/NA	Solid	8015B NM	16979
890-1833-5	S5A	Total/NA	Solid	8015B NM	16979
890-1833-6	S6A	Total/NA	Solid	8015B NM	16979
890-1833-7	S7A	Total/NA	Solid	8015B NM	16979
890-1833-8	SW1	Total/NA	Solid	8015B NM	16979
890-1833-9	SW2	Total/NA	Solid	8015B NM	16979
890-1833-10	SW3	Total/NA	Solid	8015B NM	16979
MB 880-16979/1-A	Method Blank	Total/NA	Solid	8015B NM	16979
LCS 880-16979/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16979
LCSD 880-16979/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16979
890-1831-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	16979
890-1831-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	16979

Analysis Batch: 16964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-11	SW4	Total/NA	Solid	8015B NM	16978
890-1833-12	SW5	Total/NA	Solid	8015B NM	16978
890-1833-13	SW6	Total/NA	Solid	8015B NM	16978
890-1833-14	SW7	Total/NA	Solid	8015B NM	16978
MB 880-16978/1-A	Method Blank	Total/NA	Solid	8015B NM	16978
LCS 880-16978/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16978
LCSD 880-16978/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16978

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Client: Talon/LPE Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

GC Semi VOA (Continued)

Analysis Batch: 16964 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1830-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	16978
890-1830-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	16978

Prep Batch: 16978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-11	SW4	Total/NA	Solid	8015NM Prep	
890-1833-12	SW5	Total/NA	Solid	8015NM Prep	
890-1833-13	SW6	Total/NA	Solid	8015NM Prep	
890-1833-14	SW7	Total/NA	Solid	8015NM Prep	
MB 880-16978/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16978/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16978/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1830-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1830-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 16979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-1	S1A	Total/NA	Solid	8015NM Prep	
890-1833-2	S2A	Total/NA	Solid	8015NM Prep	
890-1833-3	S3A	Total/NA	Solid	8015NM Prep	
890-1833-4	S4A	Total/NA	Solid	8015NM Prep	
890-1833-5	S5A	Total/NA	Solid	8015NM Prep	
890-1833-6	S6A	Total/NA	Solid	8015NM Prep	
890-1833-7	S7A	Total/NA	Solid	8015NM Prep	
890-1833-8	SW1	Total/NA	Solid	8015NM Prep	
890-1833-9	SW2	Total/NA	Solid	8015NM Prep	
890-1833-10	SW3	Total/NA	Solid	8015NM Prep	
MB 880-16979/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16979/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16979/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1831-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1831-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-1833-1	S1A	Total/NA	Solid	8015 NM	
890-1833-2	S2A	Total/NA	Solid	8015 NM	
890-1833-3	S3A	Total/NA	Solid	8015 NM	
890-1833-4	S4A	Total/NA	Solid	8015 NM	
890-1833-5	S5A	Total/NA	Solid	8015 NM	
890-1833-6	S6A	Total/NA	Solid	8015 NM	
890-1833-7	S7A	Total/NA	Solid	8015 NM	
890-1833-8	SW1	Total/NA	Solid	8015 NM	
890-1833-9	SW2	Total/NA	Solid	8015 NM	
890-1833-10	SW3	Total/NA	Solid	8015 NM	
890-1833-11	SW4	Total/NA	Solid	8015 NM	
890-1833-12	SW5	Total/NA	Solid	8015 NM	
890-1833-13	SW6	Total/NA	Solid	8015 NM	
890-1833-14	SW7	Total/NA	Solid	8015 NM	

 Client: Talon/LPE
 Job ID: 890-1833-1

 Project/Site: 1022 LINE LEAK
 SDG: 700702.119.01

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Leach Batch: 17029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-1	S1A	Soluble	Solid	DI Leach	_
890-1833-2	S2A	Soluble	Solid	DI Leach	
890-1833-3	S3A	Soluble	Solid	DI Leach	
890-1833-4	S4A	Soluble	Solid	DI Leach	
890-1833-5	S5A	Soluble	Solid	DI Leach	
890-1833-6	S6A	Soluble	Solid	DI Leach	
890-1833-7	S7A	Soluble	Solid	DI Leach	
890-1833-8	SW1	Soluble	Solid	DI Leach	
890-1833-9	SW2	Soluble	Solid	DI Leach	
890-1833-10	SW3	Soluble	Solid	DI Leach	
890-1833-11	SW4	Soluble	Solid	DI Leach	
890-1833-12	SW5	Soluble	Solid	DI Leach	
890-1833-13	SW6	Soluble	Solid	DI Leach	
890-1833-14	SW7	Soluble	Solid	DI Leach	
MB 880-17029/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17029/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17029/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1833-5 MS	S5A	Soluble	Solid	DI Leach	
890-1833-5 MSD	S5A	Soluble	Solid	DI Leach	

Analysis Batch: 17060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1833-1	S1A	Soluble	Solid	300.0	17029
890-1833-2	S2A	Soluble	Solid	300.0	17029
890-1833-3	S3A	Soluble	Solid	300.0	17029
890-1833-4	S4A	Soluble	Solid	300.0	17029
890-1833-5	S5A	Soluble	Solid	300.0	17029
890-1833-6	S6A	Soluble	Solid	300.0	17029
890-1833-7	S7A	Soluble	Solid	300.0	17029
890-1833-8	SW1	Soluble	Solid	300.0	17029
890-1833-9	SW2	Soluble	Solid	300.0	17029
890-1833-10	SW3	Soluble	Solid	300.0	17029
890-1833-11	SW4	Soluble	Solid	300.0	17029
890-1833-12	SW5	Soluble	Solid	300.0	17029
890-1833-13	SW6	Soluble	Solid	300.0	17029
890-1833-14	SW7	Soluble	Solid	300.0	17029
MB 880-17029/1-A	Method Blank	Soluble	Solid	300.0	17029
LCS 880-17029/2-A	Lab Control Sample	Soluble	Solid	300.0	17029
LCSD 880-17029/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17029
890-1833-5 MS	S5A	Soluble	Solid	300.0	17029
890-1833-5 MSD	S5A	Soluble	Solid	300.0	17029

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Job ID: 890-1833-1

Client: Talon/LPE Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: S1A Lab Sample ID: 890-1833-1

Date Collected: 01/12/22 01:11 **Matrix: Solid** Date Received: 01/14/22 10:24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	16866	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16966	01/17/22 15:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16979	01/17/22 09:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16961	01/17/22 17:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17029	01/17/22 12:55	SC	XEN MID
Soluble	Analysis	300.0		1			17060	01/17/22 18:31	CH	XEN MID

Client Sample ID: S2A Lab Sample ID: 890-1833-2

Date Collected: 01/12/22 01:20 Matrix: Solid Date Received: 01/14/22 10:24

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 4.98 g 5 mL 16866 01/17/22 07:30 KL XEN MID Total/NA 8021B 5 mL 16966 01/17/22 16:08 KLXEN MID Analysis 1 5 mL Total/NA Total BTEX 17056 01/17/22 15:00 XEN MID Analysis 1 A.I Total/NA Analysis 8015 NM 17055 01/17/22 14:35 XEN MID Total/NA 16979 01/17/22 09:16 XEN MID Prep 8015NM Prep 10.02 g DM 10 mL Total/NA Analysis 8015B NM 16961 01/17/22 17:41 AJ XEN MID Soluble 01/17/22 12:55 SC XEN MID Leach DI Leach 4.99 g 50 mL 17029

Lab Sample ID: 890-1833-3 Client Sample ID: S3A

17060

01/17/22 18:43

CH

1

Date Collected: 01/12/22 13:25 **Matrix: Solid** Date Received: 01/14/22 10:24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16866	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16966	01/17/22 16:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16979	01/17/22 09:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16961	01/17/22 18:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17029	01/17/22 12:55	SC	XEN MID
Soluble	Analysis	300.0		1			17060	01/17/22 18:55	CH	XEN MID

Client Sample ID: S4A Lab Sample ID: 890-1833-4

Date Collected: 01/12/22 13:30 **Matrix: Solid** Date Received: 01/14/22 10:24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	16866	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16966	01/17/22 16:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID

Eurofins Carlsbad

XEN MID

Released to Imaging: 9/14/2022 11:42:31 AM

Soluble

Analysis

300.0

Client: Talon/LPE

Job ID: 890-1833-1 Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: S4A

Date Received: 01/14/22 10:24

Lab Sample ID: 890-1833-4 Date Collected: 01/12/22 13:30

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 8015 NM 17055 Analysis 01/17/22 14:35 AJ XEN MID Total/NA Prep 8015NM Prep 10.02 g 10 mL 16979 01/17/22 09:16 DM XEN MID Total/NA Analysis 8015B NM 16961 01/17/22 18:23 ΑJ XEN MID 1 5.05 g 17029 01/17/22 12:55 SC XEN MID Soluble Leach DI Leach 50 mL 17060 01/17/22 19:07 Soluble Analysis 300.0 5 CH XEN MID

Client Sample ID: S5A Lab Sample ID: 890-1833-5

Date Collected: 01/12/22 13:35 **Matrix: Solid**

Date Received: 01/14/22 10:24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	16866	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16966	01/17/22 17:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16979	01/17/22 09:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16961	01/17/22 18:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17029	01/17/22 12:55	SC	XEN MID
Soluble	Analysis	300.0		5			17060	01/17/22 19:18	CH	XEN MID

Client Sample ID: S6A Lab Sample ID: 890-1833-6

Date Collected: 01/12/22 13:40 **Matrix: Solid** Date Received: 01/14/22 10:24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16866	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16966	01/17/22 17:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16979	01/17/22 09:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16961	01/17/22 19:05	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17029	01/17/22 12:55	SC	XEN MID
Soluble	Analysis	300.0		1			17060	01/17/22 19:54	CH	XEN MID

Client Sample ID: S7A Lab Sample ID: 890-1833-7

Date Collected: 01/12/22 13:45 **Matrix: Solid** Date Received: 01/14/22 10:24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	16866	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16966	01/17/22 17:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.04 g	10 mL	16979 16961	01/17/22 09:16 01/17/22 19:25	DM AJ	XEN MID

Date Received: 01/14/22 10:24

Job ID: 890-1833-1

Client: Talon/LPE Project/Site: 1022 LINE LEAK SDG: 700702.119.01

Client Sample ID: S7A Lab Sample ID: 890-1833-7 Date Collected: 01/12/22 13:45

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Soluble DI Leach 17029 Leach 5.03 g 50 mL 01/17/22 12:55 SC XEN MID 300.0 01/17/22 20:06 Soluble Analysis 5 17060 CH XEN MID

Client Sample ID: SW1 Lab Sample ID: 890-1833-8

Date Collected: 01/13/22 09:30 Matrix: Solid

Date Received: 01/14/22 10:24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16866	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16966	01/17/22 18:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16979	01/17/22 09:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16961	01/17/22 19:46	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17029	01/17/22 12:55	SC	XEN MID
Soluble	Analysis	300.0		5			17060	01/17/22 20:41	CH	XEN MID

Client Sample ID: SW2 Lab Sample ID: 890-1833-9

Date Collected: 01/13/22 09:35 **Matrix: Solid** Date Received: 01/14/22 10:24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	16866	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16966	01/17/22 18:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16979	01/17/22 09:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16961	01/17/22 20:08	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17029	01/17/22 12:55	SC	XEN MID
Soluble	Analysis	300.0		5			17060	01/17/22 20:53	CH	XEN MID

Client Sample ID: SW3 Lab Sample ID: 890-1833-10

Date Collected: 01/13/22 09:40 **Matrix: Solid** Date Received: 01/14/22 10:24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16866	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16966	01/17/22 18:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16979	01/17/22 09:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16961	01/17/22 20:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17029	01/17/22 12:55	SC	XEN MID
Soluble	Analysis	300.0		5			17060	01/17/22 21:05	CH	XEN MID

Project/Site: 1022 LINE LEAK Client Sample ID: SW4

Client: Talon/LPE

Date Collected: 01/13/22 09:45 Date Received: 01/14/22 10:24

Lab Sample ID: 890-1833-11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	16867	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16967	01/17/22 16:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16978	01/17/22 09:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16964	01/17/22 17:25	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17029	01/17/22 12:55	SC	XEN MID
Soluble	Analysis	300.0		1			17060	01/17/22 21:17	CH	XEN MID

Lab Sample ID: 890-1833-12 **Client Sample ID: SW5**

Date Collected: 01/13/22 09:50

Date Received: 01/14/22 10:24

Matrix: Solid

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 4.97 g 5 mL 16867 01/17/22 07:30 KL XEN MID Total/NA 8021B 5 mL 01/17/22 16:36 XEN MID Analysis 1 5 mL 16967 KL Total/NA Total BTEX 17056 01/17/22 15:00 XEN MID Analysis 1 A.I Total/NA Analysis 8015 NM 17055 01/17/22 14:35 XEN MID Total/NA 16978 01/17/22 09:12 DM XEN MID Prep 8015NM Prep 10.02 g 10 mL Total/NA Analysis 8015B NM 16964 01/17/22 17:46 AJ XEN MID Soluble 01/17/22 12:55 SC XEN MID Leach DI Leach 5 g 50 mL 17029 Soluble Analysis 300.0 17060 01/17/22 21:29 CH XEN MID

Client Sample ID: SW6

Date Collected: 01/13/22 09:55 Date Received: 01/14/22 10:24

Lab Sample ID: 890-1833-13

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16867	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16967	01/17/22 16:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16978	01/17/22 09:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16964	01/17/22 18:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17029	01/17/22 12:55	SC	XEN MID
Soluble	Analysis	300.0		1			17060	01/17/22 21:41	CH	XEN MID

Client Sample ID: SW7 Lab Sample ID: 890-1833-14

Date Collected: 01/13/22 10:00 Date Received: 01/14/22 10:24

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16867	01/17/22 07:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16967	01/17/22 17:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			17056	01/17/22 15:00	AJ	XEN MID

Eurofins Carlsbad

Matrix: Solid

Lab Chronicle

 Client: Talon/LPE
 Job ID: 890-1833-1

 Project/Site: 1022 LINE LEAK
 SDG: 700702.119.01

Client Sample ID: SW7 Lab Sample ID: 890-1833-14

Date Collected: 01/13/22 10:00 Matrix: Solid
Date Received: 01/14/22 10:24

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			17055	01/17/22 14:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16978	01/17/22 09:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16964	01/17/22 18:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	17029	01/17/22 12:55	SC	XEN MID
Soluble	Analysis	300.0		1			17060	01/17/22 21:53	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

 Client: Talon/LPE
 Job ID: 890-1833-1

 Project/Site: 1022 LINE LEAK
 SDG: 700702.119.01

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

		ogram	Identification Number	Expiration Date
		ELAP	T104704400-21-22	06-30-22
The following analytes	are included in this report, but	t the laboratory is not certific	ed by the governing authority. This list ma	av include analytes for
the agency does not of	• •		ou zy alio go rollinig danielity.	ay molade dhalytee lei
the agency does not of Analysis Method	• •	Matrix	Analyte	y molade analytes for
0 ,	fer certification.	,	, , ,	

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14

Method Description

Total BTEX Calculation

Microextraction

Volatile Organic Compounds (GC)

Diesel Range Organics (DRO) (GC)

Diesel Range Organics (DRO) (GC)

Deionized Water Leaching Procedure

Anions, Ion Chromatography

Closed System Purge and Trap

Method Summary

Client: Talon/LPE

Method

8021B

Total BTEX

8015 NM

8015B NM

8015NM Prep

DI Leach

300.0

5035

Project/Site: 1022 LINE LEAK

Job ID: 890-1833-1

SDG: 700702.119.01

Protocol	Laboratory
FIOLOCOI	Laboratory
SW846	XEN MID
TAL SOP	XEN MID
SW846	XEN MID
SW846	XEN MID
MCAWW	XEN MID
SW846	XEN MID

XEN MID

XEN MID

SW846

ASTM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Talon/LPE

Project/Site: 1022 LINE LEAK

Job ID: 890-1833-1

SDG: 700702.119.01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-1833-1	S1A	Solid	01/12/22 01:11	01/14/22 10:24
890-1833-2	S2A	Solid	01/12/22 01:20	01/14/22 10:24
890-1833-3	S3A	Solid	01/12/22 13:25	01/14/22 10:24
890-1833-4	S4A	Solid	01/12/22 13:30	01/14/22 10:24
890-1833-5	S5A	Solid	01/12/22 13:35	01/14/22 10:24
390-1833-6	S6A	Solid	01/12/22 13:40	01/14/22 10:24
390-1833-7	S7A	Solid	01/12/22 13:45	01/14/22 10:24
90-1833-8	SW1	Solid	01/13/22 09:30	01/14/22 10:24
90-1833-9	SW2	Solid	01/13/22 09:35	01/14/22 10:24
390-1833-10	SW3	Solid	01/13/22 09:40	01/14/22 10:24
390-1833-11	SW4	Solid	01/13/22 09:45	01/14/22 10:24
390-1833-12	SW5	Solid	01/13/22 09:50	01/14/22 10:24
390-1833-13	SW6	Solid	01/13/22 09:55	01/14/22 10:24
90-1833-14	SW7	Solid	01/13/22 10:00	01/14/22 10:24

eurofins

City, State ZIP

CTUS. & UM 98210

Address:

Bill to: (if different)
Company Name:

Address:

Project Manager:
Company Name:

Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Midiand, TX (432) 704-5440, San Antonio, TX (210) 509-3334 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

509-3334	Work Order No:
794-1296	
988-3199	
	www.xenco.com Page of C
	Work Order Comments
	Program: UST/PST ☐ PRP☐ Brownfields ☐ RRC ☐ Superfund ☐
	State of Project:
	Reporting: Level II Level III PST/UST TRRP Level IV
	Deliverables: EDD ☐ ADaPT ☐ Other:
200 0000	

Due Date:	\(\mathcal{R}\mathcal{C}\)\(\mathcal	111200	Ald har	0
Cool: Cool MeOH: Me HCL: HC HNO3: HN H2SO4: H2 NAOH: NA H3PO4: HP NAHSO4: NABIS NA2S2O3: NASO3 Zn Acetate+NAOH: Zn NAOH+Ascorbic Acid: SAPC Sample Comments CC APC: CO CPC: CO Na Sr TI Sn U V Zn /245.1/7470 /7471 Date/Time	Na Sr TI Si /245.1/747	ニーニー・/しょく		7
Cool: Cool MeOH: MeHCL: HC HN03: HN H ₂ S04: H ₂ NaOH: Na H ₃ PO4: HP NaHSO4: NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC Sample Comments CC A PA KRAPC CO CO	\(\mathcal{R}\mathcal{C}\). \(\mathcal{C}\). \	Date/Time	Received by: (Signature)	Relinquished by: (Signature)
Cool: Cool MeOH: Me HCL: HC HNO3: HN H2SO4: H2 NAOH: NA H3PO4: NABIS NA2S2O3: NASO3 Zn Acetate+NAOH: Zn NAOH+Ascorbic Acid: SAPC Sample Comments CD APAKION®1 NA Sr TI Sn U V Zn NA Sr TI Sn U V Zn	QC.	order from client company to Eurofins responsibility for any losses or expensi \$5 for each sample submitted to Eurofi	of samples constitutes a valid purchase st of samples and shall not assume any applied to each project and a charge of	be: Signature of this document and relinquishment rvice. Eurofins Xenco will be liable only for the co- profins Xenco. A minimum charge of \$85.00 will be
Due Date TAT staffs the day received by TAT staffs the day r	Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Si	10: 8RCRA Sb As Ba Be	zed TCLP / SPLP 60	Circle Method(s) and Metal(s) to be analyzed
Due Date: CD-CL MoOH: MeOH: Me HCL: HC HNO; HN H;SOL; H2 No He lab. If acceived by the lab. If acceive	CPE.	exas 11 Al Sb As Ba Be I		Total 200.7 / 6010 200.8 / 6020:
Due Date: Closed MeOH Me TAT starts the day received by Interior (Yes) No Wet Ice: Yes No Yes No Man Correction Factor: Yes No Wet Ice: Sompled Tamp Blank: Yes No Wet Ice:	CPC.	1 4		S & C
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Due Date: Cook Cook MeOH: Me Meoh: Meoh: Me Meoh:			1. do	5-62
Temp Blank: Yes No Wet Ice: Wes No Yes No Wet Ice: Wes No Yes No White Reading: Lo. O Yes No Watrix Sampled Sampled Sampled Sampled Sampled Sampled Lo. O Sampled Samp			1 35	5 - 5 A
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Due Date: 22 Cool: Cool MeOH: Me TAT starts the day received by the lab, if received by 4:30pm res No NNA Correction Factor:			1.25	U, W. №
Due Date: 22 Cool: Cool MeOH: Me TAT starts the day received by the lab, if l			1 26:1	5. DF
This control is the day received by 4:30pm the lab, if receive	CC APaking) · a
TAT starts the day received by the lab, if received by 4:30pm	Sample Comments	Grab/ Comp	Date Time Sampled Sampled	Sample Identification Matrix
Due Date: 2 Cool: Cool TAT starts the day received by the lab, if received by 4:30pm the lab		1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2		Total Containers:
TAT starts the day received by the lab, if received by 4:30pm the lab, if received by 4:30pm rs Temp Blank: Yes No Wet Ice: Yes No Thermometer ID: IV VIV. Correction Factor: Part Na ₂ S ₂ O ₃ : NaSO ₃	n of Custody	\ \ \ !!		S S
TAT stants the day received by the lab, if received by 4:30pm	Na ₂ S ₂ O ₃ ; NaSO ₃	Pi	Correction Factor:	o
Due Date: 2 Cool: Cool TAT starts the day received by the lab, if received by 4:30pm s	NaHSO₄: NABIS	araı	M	
Due Date: 2 Cool: Cool TAT starts the day received by the lab, if received by 4:30pm	H ₃ PO ₄ : HP	NO	No Wet Ice:	SAMPLE RECEIPT Jemp Blank:
Due Date: 2 Cool: Cool TAT starts the day received by HCL: HC		L.	the lab, if received by	PO#
Due Date: 2 Doug Cool: Cool		ceived by	TAT starts the day re	Sampler's Name:
Coura			Due Date: 21	Project Location:
Routine ZRush Pres.	None: NO DI Water: H ₂ O		Routine	Project Number: 700702.119.01
O ၁၃ (၂၃ ပြင္ႏ) Urrn Around ANALYSIS REQUEST Preservative Codes	EQUEST			Project Name: 1022 CNRC

City, State ZIP: ddress: ompany Name:

> 40% Tretas 1840 CHB

Bill to: (if different) Company Name: Address:

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Xenco **Environment Testing**

Chain of Custody

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

Program: UST/PST ☐ PRP☐ Brownfields ☐ RRC ☐ Superfund ☐	Work Order Comments	www.xenco.com	Work Order No:
elds∏ R	mments	Page_	
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uperfur		육 、 시 I	
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Reporting: Level II 🗌 Level III 🗎 PST/UST 📗 TRRP 📗

Level IV

State of Project:

Phone: (575) 746.8768 Email: 12 Poss etabor (Pt. 100-	Deliverables: EDD	Other:	
Project Name: المحك كالمعدد له Turn Around ANALYSIS REQI	QUEST Pre	Preservative Codes	
91: 700 102,119,01 □Routine ŽRush Code	None: NO	IO DI Water: H ₂ O	
EDDY, Due Date: 2 Day	Cool: Cool	ool MeOH: Me	
TAT starts the	HCL: HC	C HNO3: HN	
the lab, if received by 4:30pm	H ₂ S0 ₄ : H ₂	H ₂ NaOH: Na	
SAMPLE RECEIPT Temp Blank: Yes No Wet loe: Yes No me	H ₃ PO ₄ : HP	HP	
Samples Received Intact: Yes No Thermometer ID: WILOUT To	NaHSO ₄ : NABIS		Ю
<u> </u>	Na ₂ S ₂ O ₃	Na ₂ S ₂ O ₃ : NaSO ₃	ot 4
Sample Custody Seals: Yes No N/A Temperature Reading: 10.0	Zn Aceta	Zn Acetate+NaOH: Zn	g c
Total Containers: Corrected Temperature: 5 . 3	NaOH+A	NaOH+Ascorbic Acid: SAPC	е 3
Sample Identification Matrix Sampled Sampled Sampled Depth Comp Cont	Sai	Sample Comments	Pag
SW.4 1/18/01/41/11 P. W.5	(D	A PALACETANOWAY	
SU.5	. (a	Con	
70.00 A C.S.S.			
₹ 10.00 × 14			
			10
			4.3
			. 21
			12
			11
			122
Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb	Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti	TI Sn U V Zn	1/20
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo N	Ni Se Ag TI U Hg: 1631 / 245.1 / 7470 / 747	7470 / 7471	/1 4
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of services. It is a specification of the control o	It assigns standard terms and conditions re due to circumstances beyond the control will be enforced unless previously penchisted		<i>(</i>
Relinguished by: (Signature) / Received by: (Signature) Date/Time Relinquished by: (Signature)	ture) Received by: (Signature)	Date/Time	
	-		7

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1833-1

SDG Number: 700702.119.01

Login Number: 1833 List Source: Eurofins Carlsbad

List Number: 1 Creator: Clifton, Cloe

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6 mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 890-1833-1 SDG Number: 700702.119.01

Login Number: 1833 **List Source: Eurofins Midland** List Number: 2

List Creation: 01/17/22 09:43 AM

Creator:	Roariguez,	Leticia
_		

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

<6mm (1/4").

Released to Imaging: 9/14/2022 11:42:31 AM

Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-1883-1

Laboratory Sample Delivery Group: 700702.119.01 Client Project/Site: 1022 Line Leak (DCP Misdtream)

Revision: 1

For:

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: Rebecca Pons

MAMER

Authorized for release by: 2/4/2022 2:40:15 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

LINKS

Review your project results through

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Released to Imaging: 9/14/2022 11:42:31 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Talon/LPE Laboratory Job ID: 890-1883-1 Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: 700702.119.01

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Definitions/Glossary

Client: Talon/LPE Job ID: 890-1883-1 Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

В Compound was found in the blank and sample.

J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

S1-Surrogate recovery exceeds control limits, low biased. U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery **CFL** Contains Free Liquid **CFU** Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present PQL **Practical Quantitation Limit**

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Talon/LPE

Project/Site: 1022 Line Leak (DCP Misdtream)

Job ID: 890-1883-1

SDG: 700702.119.01

Job ID: 890-1883-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-1883-1

REVISION

The report being provided is a revision of the original report sent on 2/2/2022. The report (revision 1) is being revised due to Formatter reported incorrectly, needing down to the MDL.

Report revision history

Receipt

The sample was received on 1/28/2022 11:36 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.6°C

Receipt Exceptions

The following sample was received at the laboratory outside the required temperature criteria: SURFACE (890-1883-1). The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The method blank for preparation batch 880-18143 and analytical batch 880-18225 contained Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-1883-A-1-C MS) and (890-1883-A-1-D MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike duplicate (MSD) recoveries for preparation batch 880-18269 and analytical batch 880-18297 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad 2/4/2022 (Rev. 1) Client: Talon/LPE Job ID: 890-1883-1 Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

Client Sample ID: SURFACE

Date Received: 01/28/22 11:36

Lab Sample ID: 890-1883-1 Date Collected: 01/27/22 00:00

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		01/31/22 07:24	01/31/22 11:25	1
Toluene	< 0.000460	U	0.00202	0.000460	mg/Kg		01/31/22 07:24	01/31/22 11:25	1
Ethylbenzene	< 0.000570	U	0.00202	0.000570	mg/Kg		01/31/22 07:24	01/31/22 11:25	1
m-Xylene & p-Xylene	<0.00102	U	0.00403	0.00102	mg/Kg		01/31/22 07:24	01/31/22 11:25	1
o-Xylene	< 0.000347	U	0.00202	0.000347	mg/Kg		01/31/22 07:24	01/31/22 11:25	1
Xylenes, Total	< 0.00102	U	0.00403	0.00102	mg/Kg		01/31/22 07:24	01/31/22 11:25	1
Methyl tert-butyl ether	<0.00164	U	0.0101	0.00164	mg/Kg		01/31/22 07:24	01/31/22 11:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130				01/31/22 07:24	01/31/22 11:25	1
4-Bromofluorobenzene (Surr)	104		70 - 130				01/31/22 07:24	01/31/22 11:25	1
Method: Total BTEX - Total B	TEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			02/02/22 16:52	1
Method: 8015 NM - Diesel Rar Analyte	_	s (DRO) (G Qualifier	C)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	43.5	J	50.0	15.0	mg/Kg			02/02/22 16:07	1
Method: 8015B NM - Diesel R	ango Organ	ice (DPO)	(CC)						
		Qualifier	(GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics		Qualifier	• •		Unit mg/Kg	<u>D</u>	Prepared 01/31/22 11:10	Analyzed 02/01/22 10:28	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier	RL	15.0		<u>D</u>	01/31/22 11:10		1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 23.4	Qualifier J B J B	RL 49.9	15.0 15.0	mg/Kg	<u>D</u>	01/31/22 11:10	02/01/22 10:28	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 23.4 20.1 <15.0 %Recovery	Qualifier JB JB	49.9	15.0 15.0	mg/Kg	<u>D</u>	01/31/22 11:10	02/01/22 10:28 02/01/22 10:28 02/01/22 10:28 Analyzed	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	23.4 20.1 <15.0	Qualifier JB JB	49.9 49.9 49.9	15.0 15.0	mg/Kg	<u>D</u>	01/31/22 11:10 01/31/22 11:10 01/31/22 11:10	02/01/22 10:28 02/01/22 10:28 02/01/22 10:28	1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 23.4 20.1 <15.0 %Recovery	Qualifier JB JB	RL 49.9 49.9 49.9 <i>Limits</i>	15.0 15.0	mg/Kg	<u>D</u>	01/31/22 11:10 01/31/22 11:10 01/31/22 11:10 Prepared 01/31/22 11:10	02/01/22 10:28 02/01/22 10:28 02/01/22 10:28 Analyzed	1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 23.4 20.1 <15.0	Qualifier J B J B U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	15.0 15.0	mg/Kg	<u> </u>	01/31/22 11:10 01/31/22 11:10 01/31/22 11:10 Prepared 01/31/22 11:10	02/01/22 10:28 02/01/22 10:28 02/01/22 10:28 02/01/22 10:28 Analyzed 02/01/22 10:28	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 23.4 20.1 <15.0	Qualifier JB JB U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	15.0 15.0	mg/Kg mg/Kg mg/Kg	<u>D</u>	01/31/22 11:10 01/31/22 11:10 01/31/22 11:10 Prepared 01/31/22 11:10	02/01/22 10:28 02/01/22 10:28 02/01/22 10:28 02/01/22 10:28 Analyzed 02/01/22 10:28	1 1 1 1 1 Dil Fac

Surrogate Summary

Client: Talon/LPE Job ID: 890-1883-1
Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

			Pe
		DFBZ1	BFB1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-10720-A-1-E MS	Matrix Spike	103	102
880-10720-A-1-F MSD	Matrix Spike Duplicate	97	96
890-1883-1	SURFACE	94	104
LCS 880-18098/1-A	Lab Control Sample	101	102
LCSD 880-18098/2-A	Lab Control Sample Dup	99	98
MB 880-18098/5-A	Method Blank	95	98
Surrogate Legend			
DFBZ = 1,4-Difluorobe	nzene (Surr)		
BFB = 4-Bromofluorob	enzene (Surr)		

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

	1CO1	OTDII4	
	1001	OTPH1	
ient Sample ID	(70-130)	(70-130)	
JRFACE	86	99	
JRFACE	69 S1-	69 S1-	
JRFACE	69 S1-	70	
b Control Sample	90	96	
b Control Sample Dup	89	93	
ethod Blank	82	97	
	JRFACE JRFACE JRFACE b Control Sample b Control Sample Dup	JRFACE 86 JRFACE 69 S1- JRFACE 69 S1- b Control Sample 90 b Control Sample Dup 89	JRFACE 86 99 JRFACE 69 S1- 69 S1- JRFACE 69 S1- 70 b Control Sample 90 96 b Control Sample Dup 89 93

Page 6 of 19

1CO = 1-Chlorooctane OTPH = o-Terphenyl

Client: Talon/LPE Job ID: 890-1883-1 Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-18098/5-A

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18098

	MB	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		01/31/22 07:24	01/31/22 10:43	1
Toluene	< 0.000456	U	0.00200	0.000456	mg/Kg		01/31/22 07:24	01/31/22 10:43	1
Ethylbenzene	< 0.000565	U	0.00200	0.000565	mg/Kg		01/31/22 07:24	01/31/22 10:43	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		01/31/22 07:24	01/31/22 10:43	1
o-Xylene	< 0.000344	U	0.00200	0.000344	mg/Kg		01/31/22 07:24	01/31/22 10:43	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		01/31/22 07:24	01/31/22 10:43	1
Methyl tert-butyl ether	<0.00163	U	0.0100	0.00163	mg/Kg		01/31/22 07:24	01/31/22 10:43	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95	70 - 130	01/31/22 07:24	01/31/22 10:43	1
4-Bromofluorobenzene (Surr)	98	70 - 130	01/31/22 07:24	01/31/22 10:43	1

Lab Sample ID: LCS 880-18098/1-A

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 18098

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits Benzene 0.100 0.07904 70 - 130 mg/Kg 79 Toluene 0.100 0.07722 mg/Kg 77 70 - 130 Ethylbenzene 77 0.100 0.07702 mg/Kg 70 - 130 m-Xylene & p-Xylene 0.200 0.1584 79 70 - 130 mg/Kg 0.07663 77 o-Xylene 0.100 mg/Kg 70 - 130 Methyl tert-butyl ether 0.500 0.4434 mg/Kg 70 - 130

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1,4-Difluorobenzene (Surr)	101	70 - 130
4-Bromofluorobenzene (Surr)	102	70 - 130

Lab Sample ID: LCSD 880-18098/2-A

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18098

	Spike	LCSD LCSD			%Rec.		RPD
Analyte	Added	Result Qualifier	Unit	D %Rec	Limits	RPD	Limit
Benzene	0.100	0.08134	mg/Kg	81	70 - 130	3	35
Toluene	0.100	0.07230	mg/Kg	72	70 - 130	7	35
Ethylbenzene	0.100	0.07478	mg/Kg	75	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1517	mg/Kg	76	70 - 130	4	35
o-Xylene	0.100	0.07439	mg/Kg	74	70 - 130	3	35
Methyl tert-butyl ether	0.500	0.4318	mg/Kg	86	70 - 130	3	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

Client: Talon/LPE Job ID: 890-1883-1 Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-10720-A-1-E MS

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 18098

Sample	Sample	Spike	MS	MS				%Rec.	
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
<0.000384	U	0.100	0.08526		mg/Kg		85	70 - 130	
<0.000455	U	0.100	0.08078		mg/Kg		81	70 - 130	
<0.000564	U	0.100	0.08135		mg/Kg		81	70 - 130	
<0.00101	U	0.200	0.1659		mg/Kg		83	70 - 130	
< 0.000343	U	0.100	0.08128		mg/Kg		81	70 - 130	
<0.00163	U	0.501	0.5063		mg/Kg		101	70 - 130	
	Result <0.000384 <0.000455 <0.000564 <0.00101 <0.000343	Sample Result Qualifier	Result Qualifier Added <0.000384	Result Qualifier Added Result <0.000384	Result Qualifier Added Result Qualifier <0.000384	Result Qualifier Added Result Qualifier Unit <0.000384	Result Qualifier Added Result Qualifier Unit D <0.000384	Result Qualifier Added Result Qualifier Unit D %Rec <0.000384	Result Qualifier Added Result Qualifier Unit D %Rec Limits <0.000384

MS MS

Surrogate	%Recovery Qualifi	er Limits
1,4-Difluorobenzene (Surr)	103	70 - 130
4-Bromofluorobenzene (Surr)	102	70 - 130

Lab Sample ID: 880-10720-A-1-F MSD

Matrix: Solid

Analysis Batch: 18100

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18098

Sample Sample Spike MSD MSD %Rec. **RPD** Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Benzene 70 - 130 <0.000384 U 0.0996 0.08653 mg/Kg 87 35 Toluene mg/Kg 70 - 130 <0.000455 U 0.0996 0.08058 81 0 35 Ethylbenzene <0.000564 U 0.0996 0.07884 mg/Kg 79 70 - 130 35 m-Xylene & p-Xylene <0.00101 U 0.199 0.1589 mg/Kg 80 70 - 130 35 o-Xylene <0.000343 U 0.0996 0.07941 80 70 - 130 35 mg/Kg 2 <0.00163 U 100 Methyl tert-butyl ether 0.498 0.4987 mg/Kg 70 - 130 35

MSD MSD

Surrogate	%Recovery Qualifier	Limits
1,4-Difluorobenzene (Surr)	97	70 - 130
4-Bromofluorobenzene (Surr)	96	70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-18143/1-A

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 18143

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	18.70	J	50.0	15.0	mg/Kg		01/31/22 11:10	02/01/22 09:23	1
Diesel Range Organics (Over C10-C28)	20.36	J	50.0	15.0	mg/Kg		01/31/22 11:10	02/01/22 09:23	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		01/31/22 11:10	02/01/22 09:23	1

MB MB

MR MR

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	01/31/22 11:10	02/01/22 09:23	1
o-Terphenyl	97		70 - 130	01/31/22 11:10	02/01/22 09:23	1

Client: Talon/LPE Job ID: 890-1883-1 Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-18143/2-A

Matrix: Solid

Analysis Batch: 18225

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 18143

Prep Type: Total/NA

Spike LCS LCS Added Result Qualifier %Rec Limits Analyte Unit D Gasoline Range Organics 1000 846.8 mg/Kg 85 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1190 mg/Kg 119 70 - 130

C10-C28)

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 90 70 - 130 o-Terphenyl 96

Lab Sample ID: LCSD 880-18143/3-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid

Analysis Batch: 18225							Prep Batch: 18143		18143
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	926.5		mg/Kg		93	70 - 130	9	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1204		mg/Kg		120	70 - 130	1	20

C10-C28)

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 890-1883-1 MS

Matrix: Solid

Analysis Batch: 18225

MS	Client Sample ID: SURFACE
	Prep Type: Total/NA
	Prep Batch: 18143

Sample Sample Spike MS MS %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 23.4 JB 999 851.8 83 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 20.1 JB 999 970.6 95 70 - 130 mg/Kg C10-C28)

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	69	S1-	70 - 130
o-Terphenyl	69	S1-	70 - 130

Lab San

Matrix:

Analysis Batch: 18225

IMPIE ID: 890-1883-1 MSD	Client Sample ID: SURFACE
Solid	Prep Type: Total/NA

Prep Batch: 18143

Sample Sample Spike MSD MSD %Rec. **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit %Rec 999 23.4 JB Gasoline Range Organics 967.9 mg/Kg 95 70 - 130 13 20 (GRO)-C6-C10 20.1 JB 999 999.6 mg/Kg 98 70 - 130 3 20 Diesel Range Organics (Over C10-C28)

MSD MSD

MS MS

	MSD	IVISD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	69	S1-	70 - 130

Prep Batch: 18143

Client: Talon/LPE Job ID: 890-1883-1 Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Client Sample ID: SURFACE Lab Sample ID: 890-1883-1 MSD **Prep Type: Total/NA**

Matrix: Solid

Analysis Batch: 18225

MSD MSD

Surrogate %Recovery Qualifier Limits o-Terphenyl 70 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-18269/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 18297

MB MB

Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Chloride <0.858 U 5.00 0.858 mg/Kg 02/01/22 15:09

Lab Sample ID: LCS 880-18269/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 18297

Spike LCS LCS %Rec. Added Result Qualifier Limits Analyte Unit %Rec 250 Chloride 272.3 mg/Kg 109 90 - 110

Lab Sample ID: LCSD 880-18269/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 18297

LCSD LCSD Spike %Rec. **RPD** Added Analyte Result Qualifier Unit D %Rec Limits **RPD** Limit Chloride 250 271.6 109 90 - 110 20 mg/Kg

Lab Sample ID: 890-1883-1 MS **Client Sample ID: SURFACE Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 18297

MS MS Sample Sample Spike %Rec. **Analyte** Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 57.4 248 321.4 mg/Kg

Lab Sample ID: 890-1883-1 MSD

Matrix: Solid

Analysis Batch: 18297

MSD MSD **RPD** Sample Sample Spike %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 57.4 248 317.0 20 mg/Kg

Eurofins Carlsbad

Client Sample ID: SURFACE

Prep Type: Soluble

Client: Talon/LPE Job ID: 890-1883-1 Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

GC VOA

Prep Batch: 18098

Lab Sample ID 890-1883-1	Client Sample ID SURFACE	Prep Type Total/NA	Matrix Solid	Method 5035	Prep Batch
MB 880-18098/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18098/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18098/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10720-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-10720-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 18100

Lab Sample ID 890-1883-1	Client Sample ID SURFACE	Prep Type Total/NA	Matrix Solid	Method 8021B	Prep Batch 18098
MB 880-18098/5-A	Method Blank	Total/NA	Solid	8021B	18098
LCS 880-18098/1-A	Lab Control Sample	Total/NA	Solid	8021B	18098
LCSD 880-18098/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18098
880-10720-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	18098
880-10720-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	18098

Analysis Batch: 18419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1883-1	SURFACE	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 18143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1883-1	SURFACE	Total/NA	Solid	8015NM Prep	
MB 880-18143/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18143/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18143/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1883-1 MS	SURFACE	Total/NA	Solid	8015NM Prep	
890-1883-1 MSD	SURFACE	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1883-1	SURFACE	Total/NA	Solid	8015B NM	18143
MB 880-18143/1-A	Method Blank	Total/NA	Solid	8015B NM	18143
LCS 880-18143/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18143
LCSD 880-18143/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18143
890-1883-1 MS	SURFACE	Total/NA	Solid	8015B NM	18143
890-1883-1 MSD	SURFACE	Total/NA	Solid	8015B NM	18143

Analysis Batch: 18413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1883-1	SURFACE	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 18269

Released to Imaging: 9/14/2022 11:42:31 AM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1883-1	SURFACE	Soluble	Solid	DI Leach	
MB 880-18269/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18269/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18269/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Client: Talon/LPE Job ID: 890-1883-1 Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

HPLC/IC (Continued)

Leach Batch: 18269 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1883-1 MS	SURFACE	Soluble	Solid	DI Leach	
890-1883-1 MSD	SURFACE	Soluble	Solid	DI Leach	

Analysis Batch: 18297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1883-1	SURFACE	Soluble	Solid	300.0	18269
MB 880-18269/1-A	Method Blank	Soluble	Solid	300.0	18269
LCS 880-18269/2-A	Lab Control Sample	Soluble	Solid	300.0	18269
LCSD 880-18269/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18269
890-1883-1 MS	SURFACE	Soluble	Solid	300.0	18269
890-1883-1 MSD	SURFACE	Soluble	Solid	300.0	18269

Lab Chronicle

Client: Talon/LPE Job ID: 890-1883-1
Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

Client Sample ID: SURFACE

Analysis

Date Collected: 01/27/22 00:00
Date Received: 01/28/22 11:36

Lab Sample ID: 890-1883-1 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	18098	01/31/22 07:24	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18100	01/31/22 11:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18419	02/02/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18143	01/31/22 11:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18225	02/01/22 10:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18269	02/01/22 12:06	SC	XEN MID

0 mL

1.0 mL

18297

02/01/22 16:40 SC

Laboratory References:

Soluble

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

300.0

Eurofins Carlsbad

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XEN MID

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Accreditation/Certification Summary

Client: Talon/LPE Job ID: 890-1883-1
Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date	
Texas	NE	ELAP	T104704400-21-22	06-30-22	
The following analyte the agency does not	•	ort, but the laboratory is r	not certified by the governing authority.	This list may include analytes for which	
and againey dood not	oner certification.				
Analysis Method	Prep Method	Matrix	Analyte		
0 ,		Matrix Solid	Analyte Total TPH		

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Method Summary

Client: Talon/LPE

Project/Site: 1022 Line Leak (DCP Misdtream)

Job ID: 890-1883-1

SDG: 700702.119.01

atory	

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Talon/LPE Job ID: 890-1883-1
Project/Site: 1022 Line Leak (DCP Misdtream) SDG: 700702.119.01

 Lab Sample ID
 Client Sample ID
 Matrix
 Collected
 Received

 890-1883-1
 SURFACE
 Solid
 01/27/22 00:00
 01/28/22 11:36

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stody	Emptrofine it setting Record Mode No.	eurofins	1		Hous	ton, TX (28	1) 240-4200,	CDAID OT CUSTOOY 1, TX (281) 240-4200, Dallas, TX (214) 9	Cnain of Custody Houston, TX (281) 240-4200, Dallas, TX (214) 902-9300		
Work Order Comments UST/PST PRP Brownfields RRC Section Page RC Level III Level IIII PST/UST TRRP Es: EDD ADaPT Other: Preservative CC None: NO DI Cool: Cool Me H2504: H2 Nach H3P04: H3 Nay5203: NAS03 Zn Acetate+NAOH: Zn NaOH+Ascorbic Acid:: Sample Comm If K Se Ag SiO2 NA Sr TI Sn U V Zn Hg: 1631 / 245.1 / 7470 / 7471 Received by: (Signature) Date/Ti	Work Order Comments UST/PST PRP Brownfields RRC Level III Level IIII PST/UST TRRP Es: EDD ADaPT Other: Cool: Cool Me H2.504: H2 Nath H3.504: H2 Nat		onment Te.	sting	Midland	J, TX (432)	704-5440, Sa	an Antonio, T	X (210) 509-3334	Work Order No:	
Work Order Comments UST/PST □ PRP□ Brownfields □ RRC □ Servet III □ Level III □ PST/UST □ TRRP □ Dreservative Co	Work Order Comments UST/PST □ PRP□ Brownfields □ RRC □ Servet III □ PST/UST □ TRRP □ Other: Ser EDD□ ADaPT □ Other: Preservative Co Cool: Cool Me HCL: HC HN H₂SO 4: H₂ Na9(H₂SO) Na9(S) Na	Venco		.=	Hobb	so, TX (915, s, NM (575,	392-7550, C	.ubbock, IX (.arlsbad, NM	(875) 988-3199	www.xenco.com	Page
UST/PST PRP Brownfields RRC level III Level III PST/UST TRRP less roative Co None: NO DI	UST/PST PRP Brownfields RRC			h	Bill to: (if differen	P				Work Order C	omments
es: EDD ADPT Other: Level III Evel III PST/UST TRRP Reservative None: NO Cool: Cool H ₂ SO ₄ : H ₂ H ₃ PO ₄ : H ₂ H ₃ SO ₄ : H ₂ H ₃ PO ₄ : H ₂ H ₃ PO ₄ : H ₂ Raddy NaHSO 3: NABIS NaHSO 4:	es: EDD ADPT Other: Level III Evel III PST/UST TRRP Reservative None: NO Cool: Cool H ₂ SO ₄ : H ₂ H ₃ PO ₄ : H ₂ H ₃ SO ₄ : H ₂ H ₃ PO ₄ : H ₂ NaHSO 3: NABIS Na ₂ S ₂ O ₃ : NASIS Na ₂ S ₂ O ₃ : NASIS NaOH+Ascorbic Ac Sample Corr Sample Corr Sample Corr If K Se Ag SiO ₂ Na Sr TI Sn U V Zn Hg: 1631 / 245.1 / 7470 / 7471 Bisted.	TANES (DC)		-	Company Name				0	UST/PST PRP	RRC
Se: EDD ADaPT Other: Preservative None: NO Cool: Cool HCL: HC H2SO 4: H2 H3PO 4: H2 NaHSO 4: NABIS NAHSO 4: N	Preservative PST/UST TRP Preservative Pre	5			Address:				S		
Preservative Preservative Prese	Preservative Preservative Prese	Lya, st			City, State ZIP:				œ.		ST TRRP
Preservative None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₃ H ₃ PO ₄ : H ₃ H ₃ PO ₄ : H ₃ NaHSO ₃ : NABIS NaHSO ₄ : H ₃	Preservative None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₃ H ₃ PO ₄ : H ₃ H ₃ PO ₄ : H ₃ NaHSO ₃ : NABIS Na ₂ S ₂ O ₃ : NABIS Na ₂ S ₂ O ₃ : NABIS Na ₂ S ₃ O ₃ : NABIS Na ₃ PO ₄ : H ₃ NaHSO ₄ : H ₃ NaPSO ₄ : H ₃ NaHSO ₄ : NABIS NaPSO ₄ : H ₃ NaHSO ₄ : NABIS NaPSO ₄ : H ₃ NaHSO ₄ : NABIS NaPSO ₄ : H ₃ NaHSO ₄ : NABIS NaPSO ₄ : H ₃ NaHSO ₄ : NABIS NaPSO ₄ : H ₃ NaHSO ₄ : NABIS NaPSO ₄ : H ₃ NaHSO ₄ : NABIS NaPSO ₄ : H ₃ NaHSO ₄ : NABIS NaPSO ₄ : H ₃ NaHSO ₄ : NABIS NAHSO ₄ : NABI		डारु	Email:					٥	EDD	
Sample Corr None: NO Cool: Cool HCI: HC	Sample Com If K Se Ag SiO ₂ Na Sr TI Sn U V Zn Hated. None: NO Cool: Cool H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH NaOH+Ascorbic Ac Sample Com Date Received by: (Signature) Date	ह पदा रहेवा	La Jeck De		Around				ANALYSIS REQUEST		Preservative Codes
stody stody Stody Stody Application App	stody	700 702.119.	6	Rou	Rush	Pres. Code					
stody I. K. Se. Ag. SiO ₂ . Na. Sr. Hg: 1631 / 245.1 / Received by: (Signature)	stody If K Se Ag SiO ₂ Na Sr Hg: 1631 / 245.1 / Received by: (Signature)	Let Jams		Due Date: TAT starts the c the lab, if recei	3 Douglas Jay received by veed by 4:30pm						
li K Se Ag SiO ₂ Na Sr Hg: 1631/245.1/	li K Se Ag SiO ₂ Na Sr Hg: 1631 / 245.1 / Hg: 1631 / 245.1 / Received by: (Signature)		Yes (C)	Wet Ice:	ON CO	-	-		800-1883 Cha	in of Custody	H ₃ PO ₄ : HP NaHSO ₄ : NABIS
li K Se Ag SiO ₂ Na Sr Hg: 1631/245.1/	li K Se Ag SiO ₂ Na Sr Hg: 1631/245.1 / Hg: 1631/245.1 / Received by: (Signature)	yes No		actor:	4			7			Na2S2O3: NaSO 3
I K Se Ag SiO ₂ Na Sr Tl Sn Hg: 1631/245.1/747 Received by: (Signature)	li K Se Ag SiO ₂ Na Sr Tl Sn Hg: 1631/245.1/747 Received by: (Signature)	Yes No	Temperatur Corrected Te	e Reading:	050		100	4			Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
If K Se Ag SiO ₂ Na Sr Tl Sn U V Hg: 1631 / 245.1 / 7470 / 747 Hg: 1631 / 245.1 / 7470 / 747 Received by: (Signature)	li K Se Ag SiO ₂ Na Sr Tl Sn U V Hg: 1631 / 245.1 / 7470 / 747		-				7	B			Sample Comments
ir K Se Ag SiO ₂ Na Sr TI Sn U V 747 Hg: 1631 / 245.1 / 7470 / 747 Received by: (Signature)	li K Se Ag SiO ₂ Na Sr Tl Sn U V Hg: 1631 / 245.1 / 7470 / 747 Hg: 1631 / 245.1 / 7470 / 747 Received by: (Signature)				- 3		\dashv	J			
ir K Se Ag SiO ₂ Na Sr TI Sn U V Z Hg: 1631 / 245.1 / 7470 / 747 Bated.	ir K Se Ag SiO ₂ Na Sr TI Sn U V 747 Hg: 1631 / 245.1 / 7470 / 747 lated.										
li K Se Ag SiO ₂ Na Sr Tl Sn U V 2 Hg: 1631 / 245.1 / 7470 / 747	li K Se Ag SiO ₂ Na Sr Tl Sn U V Hg: 1631 / 245.1 / 7470 / 747 Hg: 1631 / 245.1 / 7470 / 747 Received by: (Signature)										
If K Se Ag SiO ₂ Na Sr TI Sn U V Hg: 1631 / 245.1 / 7470 / 747 hated. Received by: (Signature)	If K Se Ag SiO ₂ Na Sr TI Sn U V Hg: 1631 / 245.1 / 7470 / 747 Hated. Received by: (Signature)										
Beceived by: (Signature)	Received by: (Signature)	010 200.8 / 6020: s) and Metal(s) to be ar	8ł nalyzed	RCRA 13PPF TCLP / SP	M Texas 11 LP 6010 : 8RC	Al Sb /	ls Ba Be As Ba Ba	B Cd Ca	a Cr Co Cu Fe Pb Mg M Co Cu Pb Mn Mo Ni Se A	ii K Se	TI Sn U V Zn /7470 /7471
sceived by: (Signature)	eceived by: (Signature)	document and relinquishment of sar o will be liable only for the cost of sa imum charge of \$85.00 will be appli	amples constitutes a amples and shall not led to each project a	valid purchase orde assume any respon nd a charge of \$5 fc	r from client compan isibility for any losses or each sample submi	ny to Eurofin: or expenses Itted to Euro	Xenco, its affi incurred by th fins Xenco, bu	liates and subx re client if such rt not analyzed	contractors. It assigns standard terms and I losses are due to circumstances beyond ! These terms will be enforced unless prev	conditions he control tously negatiated.	
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Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1883-1
SDG Number: 700702.119.01

Login Number: 1883 List Source: Eurofins Carlsbad

List Number: 1 Creator: Clifton, Cloe

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Euronnis Carisbau

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Login Sample Receipt Checklist

 Client: Talon/LPE
 Job Number: 890-1883-1

 SDG Number: 700702.119.01

Login Number: 1883
List Source: Eurofins Midland
List Number: 2
List Creation: 01/31/22 08:21 AM

Creator: Kramer, Jessica

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Euronnis Carisbau

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

February 21, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: 1022 LINE LEAK

Enclosed are the results of analyses for samples received by the laboratory on 02/17/22 16:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/17/2022 Sampling Date: 01/17/2022 Reported: 02/21/2022 Sampling Type: Soil

Project Name: 1022 LINE LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY CO NM

Sample ID: BG - 6 (H220630-01)

Chloride, SM4500Cl-B Analyzed By: GM mg/kg Analyte Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Result 9800 400 Chloride 16.0 02/19/2022 ND 416 104 3.77 I-02

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

I-02 This result was analyzed outside of the EPA recommended holding time.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

I dioli LTC	BILL TO	MAI VOID DECLIEGE
Project Manager:	P.O. #:	אַרוּטוֹט אַרוּטְּטוּטרּטּ
1 20	Company:	
City: Artesia state: NM zip: 88210	Attn:	
Phone #: 5/5.746.8768 Fax #:	Address:	
Project #: Project Owner:	City:	
Project Name: 1022 Cost Cost	State: Zip:	
Project Location:	#	
Sampler Name: Sampler Name:	E 4.	
X. FISELOW	Fax	
FOR LAB USE ONLY	PRESERV. SAMPLING	
Cample I.D. Sample I.D. Sor (C)OMPTAINERS ROWATER EWATER	: ASE: DOL .	CL
# CON	SLUDG OTHER ACID/B. ICE / CC OTHER DATE TIME	
39.66		
	泛龙龙	
PLEASE NOTE: Liability and Damages. Cardhal's liability and client's exclusive remedy for any dialing arising whether beard is positive.		
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Time: Received By:	Phone Result:	Phone Result:
Relinquished By: Date: Received By:	Man REMARKS:	It RAUS CTA
Time:		15 M M 211
Sampler - UPS - Bus - Other: Sq # #//2 Sample Condition Cool Intact	Condition CHECKED BY: Intact (Initials)	ee/8/1. it geld roppy and
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	s to (575) 393-2326	<i>d</i> . :

Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-1884-1

Laboratory Sample Delivery Group: Eddy

Client Project/Site: 1022 Line Leak (DCP Misdtream)

Revision: 1

For:

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: Rebecca Pons

MAMER

Authorized for release by: 2/4/2022 2:42:33 PM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

LINKS

Review your project results through

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Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 9/14/2022 11:42:31 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Talon/LPE Project/Site: 1022 Line Leak (DCP Misdtream) Laboratory Job ID: 890-1884-1 SDG: Eddy

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Definitions/Glossary

Client: Talon/LPE Job ID: 890-1884-1 Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

Qualifiers

GC VOA

Qualifier **Qualifier Description** S1-Surrogate recovery exceeds control limits, low biased.

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualitier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

J. Coou. y						
Abbreviation	These commonly used abbreviations may or may not be present in this report.					
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis					
%R	Percent Recovery					
CFL	Contains Free Liquid					
CFU	Colony Forming Unit					
CNF	Contains No Free Liquid					
DER	Duplicate Error Ratio (normalized absolute difference)					
Dil Fac	Dilution Factor					
DL	Detection Limit (DoD/DOE)					
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample					
DLC	Decision Level Concentration (Radiochemistry)					

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE) MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Case Narrative

Client: Talon/LPE Job ID: 890-1884-1 Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

Job ID: 890-1884-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-1884-1

REVISION

The report being provided is a revision of the original report sent on 2/2/2022. The report (revision 1) is being revised due to Formatter reported incorrectly, needing down to the MDL.

Report revision history

Receipt

The samples were received on 1/28/2022 11:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 18.2°C

Receipt Exceptions

The following samples were collected in an improper container: UP STREAM (890-1884-1), DOWN STREAM (890-1884-2) and POND (890-1884-3). TPH and BTEX for water need to be preserved in 40ml HCl VOAs

The following samples were received at the laboratory outside the required temperature criteria: UP STREAM (890-1884-1), DOWN STREAM (890-1884-2) and POND (890-1884-3). The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-18192 and analytical batch 880-18228 recovered outside control limits for the following analytes: Diesel Range Organics (Over

Method 8015MOD NM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-18192 and analytical batch 880-18228 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-18192/2-A) and (890-1884-A-1-B MS). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Matrix: Water

Lab Sample ID: 890-1884-1

Client: Talon/LPE Job ID: 890-1884-1

Project/Site: 1022 Line Leak (DCP Misdtream) SDG: Eddy

Client Sample ID: UP STREAM

Date Collected: 01/28/22 10:05 Date Received: 01/28/22 11:35

Sample Depth: 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			02/01/22 19:01	1
Toluene	< 0.000367	U	0.00200	0.000367	mg/L			02/01/22 19:01	1
Ethylbenzene	< 0.000657	U	0.00200	0.000657	mg/L			02/01/22 19:01	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/01/22 19:01	1
o-Xylene	< 0.000642	U	0.00200	0.000642	mg/L			02/01/22 19:01	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/01/22 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130					02/01/22 19:01	1
1,4-Difluorobenzene (Surr)	112		70 - 130					02/01/22 19:01	1

Method: Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.000657	U	0.00400	0.000657	mg/L			02/02/22 16:52	1

Method: 8015 NM - Diesei Range Organics (DRO) (GC)								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.988 U	5.00	0.988	mg/L			02/02/22 16:07	1

Method: 8015B NM - Diesel R	ange Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.950	U	4.81	0.950	mg/L		01/31/22 15:31	02/01/22 20:25	1
Diesel Range Organics (Over C10-C28)	<0.950	U F2 *1	4.81	0.950	mg/L		01/31/22 15:31	02/01/22 20:25	1
Oll Range Organics (Over C28-C36)	<0.917	U	4.81	0.917	mg/L		01/31/22 15:31	02/01/22 20:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	01/31/22 15:31	02/01/22 20:25	1
o-Terphenyl	106		70 - 130	01/31/22 15:31	02/01/22 20:25	1

Method: 300.0 - Anions, ion C							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1360	10.0	0.421 mg/L			02/01/22 23:37	20

Client Sample ID: DOWN STREAM Lab Sample ID: 890-1884-2 Date Collected: 01/28/22 10:15 **Matrix: Water**

Date Received: 01/28/22 11:35

Sample Depth: 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			02/01/22 20:53	1
Toluene	< 0.000367	U	0.00200	0.000367	mg/L			02/01/22 20:53	1
Ethylbenzene	< 0.000657	U	0.00200	0.000657	mg/L			02/01/22 20:53	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/01/22 20:53	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/01/22 20:53	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/01/22 20:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130					02/01/22 20:53	1

Matrix: Water

Lab Sample ID: 890-1884-2

Client: Talon/LPE

Job ID: 890-1884-1

Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

Client Sample ID: DOWN STREAM

Date Collected: 01/28/22 10:15 Date Received: 01/28/22 11:35

Sample Depth: 5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	84		70 - 130		02/01/22 20:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit)	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00400	0.000657	mg/L	 		02/02/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.988	U	5.00	0.988	mg/L			02/02/22 16:07	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.935	U	4.73	0.935	mg/L		01/31/22 15:31	02/01/22 21:28	1
Diesel Range Organics (Over C10-C28)	<0.935	U *1	4.73	0.935	mg/L		01/31/22 15:31	02/01/22 21:28	1
Oll Range Organics (Over C28-C36)	<0.902	U	4.73	0.902	mg/L		01/31/22 15:31	02/01/22 21:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	P	repared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	01/3	31/22 15:31	02/01/22 21:28	1
o-Terphenyl	102		70 - 130	01/3	31/22 15:31	02/01/22 21:28	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result Qualifier	· RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1350	25.0	1.05	mg/L			02/01/22 23:50	50

Client Sample ID: POND

Date Collected: 01/28/22 10:10

Lab Sample ID: 890-1884-3

Matrix: Water

Date Collected: 01/28/22 10:10 Date Received: 01/28/22 11:35

Sample Depth: 5

Mothod: 9021B	Volatile	Organic	Compounds	(CC)

Michiga. OUL ID - Volutile O	gaine compo	unus (GG)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			02/01/22 21:21	1
Toluene	< 0.000367	U	0.00200	0.000367	mg/L			02/01/22 21:21	1
Ethylbenzene	< 0.000657	U	0.00200	0.000657	mg/L			02/01/22 21:21	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/01/22 21:21	1
o-Xylene	< 0.000642	U	0.00200	0.000642	mg/L			02/01/22 21:21	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/01/22 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			-		02/01/22 21:21	1
1,4-Difluorobenzene (Surr)	101		70 - 130					02/01/22 21:21	1

Mothodi	Total DTEV	- Total RTFX	Coloulation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.000657	U	0.00400	0.000657	mg/L			02/02/22 16:52	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.988	U	5.00	0.988 mg/L			02/02/22 16:07	1

Eurofins Carlsbad

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Date Collected: 01/28/22 10:10

Client Sample Results

Client: Talon/LPE

Job ID: 890-1884-1

Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

Client Sample ID: POND

Lab Sample ID: 890-1884-3

Matrix: Water

Date Received: 01/28/22 11:35 Sample Depth: 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.941	U	4.76	0.941	mg/L		01/31/22 15:31	02/01/22 21:49	1
Diesel Range Organics (Over C10-C28)	<0.941	U *1	4.76	0.941	mg/L		01/31/22 15:31	02/01/22 21:49	1
Oll Range Organics (Over C28-C36)	<0.908	U	4.76	0.908	mg/L		01/31/22 15:31	02/01/22 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				01/31/22 15:31	02/01/22 21:49	1
o-Terphenyl	109		70 - 130				01/31/22 15:31	02/01/22 21:49	1
	hromatogra	phy							
Method: 300.0 - Anions, Ion C	in onlatogra								
Method: 300.0 - Anions, Ion C Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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Client: Talon/LPE

Job ID: 890-1884-1 Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water Prep Type: Total/NA

		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
820-3232-A-1 MS	Matrix Spike	90	103	
820-3232-A-1 MSD	Matrix Spike Duplicate	94	95	
890-1884-1	UP STREAM	116	112	
890-1884-2	DOWN STREAM	108	84	
890-1884-3	POND	110	101	
LCS 880-18231/3	Lab Control Sample	96	8 S1-	
LCSD 880-18231/4	Lab Control Sample Dup	98	102	
MB 880-18231/8	Method Blank	62 S1-	90	

BFB = 4-Bromofluorobenzene (Surr) DFBZ = 1,4-Difluorobenzene (Surr)

OTPH = o-Terphenyl

OTPH = o-Terphenyl

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Water Prep Type: Total/NA

			Percen	t Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1884-1	UP STREAM	107	106	
890-1884-1 MS	UP STREAM	67 S1-	63 S1-	
890-1884-1 MSD	UP STREAM	86	87	
890-1884-2	DOWN STREAM	100	102	
890-1884-3	POND	111	109	
Surrogate Legend				

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Water Prep Type: Total/NA

			Percen	t Surrogate Recovery (Acceptance Limits)
		1CO2	OTPH2	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCS 880-18192/2-A	Lab Control Sample	73	67 S1-	
LCSD 880-18192/3-A	Lab Control Sample Dup	90	97	
MB 880-18192/1-A	Method Blank	99	95	
Surrogate Legend				
1CO = 1-Chlorooctane				

Client: Talon/LPE Job ID: 890-1884-1 Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-18231/8

Matrix: Water

Analysis Batch: 18231

Client	Sample	ID:	Metho	od Blank	(
	Pr	ep 1	vpe:	Total/NA	•

MB MB Result Qualifier RL **MDL** Unit Prepared Dil Fac Analyte D Analyzed Benzene <0.000408 U 0.00200 0.000408 mg/L 02/01/22 13:28 Toluene <0.000367 U 0.00200 0.000367 mg/L 02/01/22 13:28 Ethylbenzene <0.000657 U 0.00200 0.000657 mg/L 02/01/22 13:28 m-Xylene & p-Xylene <0.000629 U 0.00400 0.000629 mg/L 02/01/22 13:28 o-Xylene <0.000642 U 0.00200 0.000642 mg/L 02/01/22 13:28 Xylenes, Total <0.000642 U 0.00400 0.000642 mg/L 02/01/22 13:28

> MB MB %Recovery Qualifier Limits Prepared Dil Fac Analyzed 70 - 130 62 S1-02/01/22 13:28 90 70 - 130 02/01/22 13:28

Lab Sample ID: LCS 880-18231/3

Matrix: Water

Surrogate

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 18231

4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)

> **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Spike LCS LCS %Rec. Added Result Qualifier Unit %Rec Limits 0.100 0.07820 mg/L 78 70 - 130 0.100 70 - 130 0.08754 mg/L 88 92 70 - 130 0.100 0.09246 mg/L 90 0.200 0.1800 mg/L 70 - 130 0.100 0.09196 92 70 - 130 mg/L

LCS LCS %Recovery Qualifier Limits Surrogate 70 - 130 4-Bromofluorobenzene (Surr) 96 8 S1-70 - 130 1,4-Difluorobenzene (Surr)

Lab Sample ID: LCSD 880-18231/4

Matrix: Water

Analysis Batch: 18231

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08105		mg/L		81	70 - 130	4	20
Toluene	0.100	0.08416		mg/L		84	70 - 130	4	20
Ethylbenzene	0.100	0.08983		mg/L		90	70 - 130	3	20
m-Xylene & p-Xylene	0.200	0.1754		mg/L		88	70 - 130	3	20
o-Xylene	0.100	0.09021		mg/L		90	70 - 130	2	20

LCSD LCSD %Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 98 70 - 130 1,4-Difluorobenzene (Surr) 102 70 - 130

Lab Sample ID: 820-3232-A-1 MS

Matrix: Water

Analysis Batch: 18231

Client Sample ID: Matrix Spil	(e
Prep Type: Total/N	Α

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.000683	J	0.100	0.08739		mg/L		87	70 - 130	
Toluene	<0.000367	U	0.100	0.08144		mg/L		81	70 - 130	

Client: Talon/LPE

Job ID: 890-1884-1 SDG: Eddy

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 820-3232-A-1 MS

Matrix: Water

Project/Site: 1022 Line Leak (DCP Misdtream)

Analysis Batch: 18231

Client Sample ID: Matrix Spi	ke
Prop Type, Total/	A IA

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.000657	U	0.100	0.08342		mg/L		83	70 - 130	
m-Xylene & p-Xylene	<0.000629	U	0.200	0.1614		mg/L		81	70 - 130	
o-Xylene	<0.000642	U	0.100	0.08453		mg/L		85	70 - 130	
	МС	мс								

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 18231

Lab Sample ID: 820-3232-A-1 MSD

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.000683	J	0.100	0.08621		mg/L		86	70 - 130	1	25
Toluene	< 0.000367	U	0.100	0.07530		mg/L		75	70 - 130	8	25
Ethylbenzene	<0.000657	U	0.100	0.08020		mg/L		80	70 - 130	4	25
m-Xylene & p-Xylene	<0.000629	U	0.200	0.1568		mg/L		78	70 - 130	3	25
o-Xylene	<0.000642	U	0.100	0.08288		mg/L		83	70 - 130	2	25

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	94	70 - 130
1,4-Difluorobenzene (Surr)	95	70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-18192/1-A

Matrix: Water

Analysis Batch: 18228

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18192

	MB	MB						•	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.904	U	4.57	0.904	mg/L		01/31/22 15:31	02/01/22 19:22	1
Diesel Range Organics (Over C10-C28)	<0.904	U	4.57	0.904	mg/L		01/31/22 15:31	02/01/22 19:22	1
Oll Range Organics (Over C28-C36)	< 0.872	U	4.57	0.872	mg/L		01/31/22 15:31	02/01/22 19:22	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	01/31/22 15:31	02/01/22 19:22	1
o-Terphenyl	95		70 - 130	01/31/22 15:31	02/01/22 19:22	1

Lab Sample ID: LCS 880-18192/2-A

Matrix: Water

Analysis Batch: 18228

Client Sample ID	: Lab Control Sample
	Prep Type: Total/NA

Prep Batch: 18192

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	91.7	93.57		mg/L		102	75 - 125	
(GRO)-C6-C10								
Diesel Range Organics (Over	91.7	82.85		mg/L		90	75 - 125	
C10-C28)								

Client: Talon/LPE Job ID: 890-1884-1 Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-18192/2-A

Lab Sample ID: LCSD 880-18192/3-A

Matrix: Water

Analysis Batch: 18228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18192

LCS LCS Surrogate %Recovery Qualifier 73

Limits 1-Chlorooctane 70 - 130 o-Terphenyl 67 S1-70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Matrix: Water Analysis Batch: 18228 Prep Batch: 18192

LCSD LCSD RPD %Rec. Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 92.0 85.76 mg/L 93 75 - 125 9 20 (GRO)-C6-C10 Diesel Range Organics (Over 92.0 103.3 *1 mg/L 112 75 - 125 22 20 C10-C28)

LCSD LCSD

Lab Sample ID: 890-1884-1 MS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	90	70 - 130
o-Terphenyl	97	70 - 130

Client Sample ID: UP STREAM

Prep Type: Total/NA

Prep Batch: 18192

Sample Sample Spike MS MS %Rec. Result Qualifier Added Result Qualifier Limits Analyte Unit D %Rec Gasoline Range Organics <0.950 U 94.0 83.22 mg/L 88 75 - 125 (GRO)-C6-C10 Diesel Range Organics (Over 94.0 <0.950 U F2 *1 72.35 mg/L 77 75 - 125

C10-C28)

Matrix: Water

Analysis Batch: 18228

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane S1-70 - 130 67 o-Terphenyl 63 S1-70 - 130

Lab Sample ID: 890-1884-1 MSD **Client Sample ID: UP STREAM Matrix: Water**

Prep Type: Total/NA Analysis Batch: 18228 Prep Batch: 18192 Sample Sample Spike MSD MSD %Rec. **RPD**

Result Qualifier Added Result Qualifier Limits **RPD** Limit Analyte Unit %Rec <0.950 U 94.3 100.6 107 75 - 125 19 20 Gasoline Range Organics mg/L (GRO)-C6-C10 Diesel Range Organics (Over <0.950 U F2 *1 94.3 92.24 F2 mg/L 98 75 - 125 24 20 C10-C28)

MSD MSD %Recovery Qualifier Limits Surrogate 1-Chlorooctane 86 70 - 130 o-Terphenyl 87 70 - 130

Client: Talon/LPE Job ID: 890-1884-1 Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Matrix Spike

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Client Sample ID: Matrix Spike Duplicate

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-18301/3

Matrix: Water

Analysis Batch: 18301

MB MB

Analyte Result Qualifier RL **MDL** Unit Analyzed Dil Fac D Prepared 0.500 02/01/22 20:57 Chloride <0.0210 U 0.0210 mg/L

Lab Sample ID: LCS 880-18301/4

Matrix: Water

Analysis Batch: 18301

Spike LCS LCS %Rec. Analyte Added Result Qualifier D %Rec Limits Unit Chloride 25.0 90 - 110 26.91 mg/L 108

Lab Sample ID: LCSD 880-18301/5

Matrix: Water

Analysis Batch: 18301

Spike LCSD LCSD %Rec. RPD Analyte Added Result Qualifier Limits **RPD** Limit Unit %Rec Chloride 25.0 26.90 108 90 - 110 mg/L

Lab Sample ID: 880-10749-A-1 MS

Matrix: Water

Analysis Batch: 18301

Spike MS MS %Rec. Sample Sample Added Analyte Result Qualifier Result Qualifier Unit %Rec Limits Chloride 13.2 F1 25.0 42.28 F1 90 - 110 mg/L 116

Lab Sample ID: 880-10749-A-1 MSD

Matrix: Water

Analysis Batch: 18301

MSD MSD RPD Sample Sample Spike %Rec. Analyte Result Qualifier Added Result Qualifier Unit Limits RPD %Rec Limit 90 - 110 Chloride 13.2 F1 25.0 42.21 F1 116 20 mg/L 0

Job ID: 890-1884-1 Client: Talon/LPE Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

GC VOA

Analysis Batch: 18231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1884-1	UP STREAM	Total/NA	Water	8021B	
890-1884-2	DOWN STREAM	Total/NA	Water	8021B	
890-1884-3	POND	Total/NA	Water	8021B	
MB 880-18231/8	Method Blank	Total/NA	Water	8021B	
LCS 880-18231/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-18231/4	Lab Control Sample Dup	Total/NA	Water	8021B	
820-3232-A-1 MS	Matrix Spike	Total/NA	Water	8021B	
820-3232-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8021B	

Analysis Batch: 18419

Lab Sample ID 890-1884-1	Client Sample ID UP STREAM	Prep Type Total/NA	Matrix Water	Method Total BTEX	Prep Batch
890-1884-2	DOWN STREAM	Total/NA	Water	Total BTEX	
890-1884-3	POND	Total/NA	Water	Total BTEX	

GC Semi VOA

Prep Batch: 18192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
890-1884-1	UP STREAM	Total/NA	Water	8015NM Aq Prep
890-1884-2	DOWN STREAM	Total/NA	Water	8015NM Aq Prep
890-1884-3	POND	Total/NA	Water	8015NM Aq Prep
MB 880-18192/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep
LCS 880-18192/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep
LCSD 880-18192/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep
890-1884-1 MS	UP STREAM	Total/NA	Water	8015NM Aq Prep
890-1884-1 MSD	UP STREAM	Total/NA	Water	8015NM Aq Prep

Analysis Batch: 18228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1884-1	UP STREAM	Total/NA	Water	8015B NM	18192
890-1884-2	DOWN STREAM	Total/NA	Water	8015B NM	18192
890-1884-3	POND	Total/NA	Water	8015B NM	18192
MB 880-18192/1-A	Method Blank	Total/NA	Water	8015B NM	18192
LCS 880-18192/2-A	Lab Control Sample	Total/NA	Water	8015B NM	18192
LCSD 880-18192/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	18192
890-1884-1 MS	UP STREAM	Total/NA	Water	8015B NM	18192
890-1884-1 MSD	UP STREAM	Total/NA	Water	8015B NM	18192

Analysis Batch: 18413

Lab Sample ID 890-1884-1	Client Sample ID UP STREAM	Prep Type Total/NA	Matrix Water	Method 8015 NM	Prep Batch
890-1884-2	DOWN STREAM	Total/NA	Water	8015 NM	
890-1884-3	POND	Total/NA	Water	8015 NM	

HPLC/IC

Analysis Batch: 18301

Lab Sample ID 890-1884-1	Client Sample ID UP STREAM	Prep Type Total/NA	Matrix Water	Method 300.0	Prep Batch
890-1884-2	DOWN STREAM	Total/NA	Water	300.0	
890-1884-3	POND	Total/NA	Water	300.0	

QC Association Summary

Job ID: 890-1884-1 Client: Talon/LPE Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

HPLC/IC (Continued)

Analysis Batch: 18301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-18301/3	Method Blank	Total/NA	Water	300.0	
LCS 880-18301/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 880-18301/5	Lab Control Sample Dup	Total/NA	Water	300.0	
880-10749-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
880-10749-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Client: Talon/LPE

Project/Site: 1022 Line Leak (DCP Misdtream)

Job ID: 890-1884-1

SDG: Eddy

Client Sample ID: UP STREAM

Date Collected: 01/28/22 10:05 Date Received: 01/28/22 11:35

Lab Sample ID: 890-1884-1

Matrix: Water

Batch Batch Dil Initial Batch Final Prepared Method Number or Analyzed **Prep Type** Type Run **Factor Amount** Amount **Analyst** Lab Total/NA 8021B 18231 02/01/22 19:01 MR XEN MID Analysis 5 mL 5 mL Total/NA Analysis Total BTEX 1 18419 02/02/22 16:52 AJ **XEN MID** Total/NA 8015 NM Analysis 1 18413 02/02/22 16:07 AJ **XEN MID** Total/NA Prep 8015NM Aq Prep 31.2 mL 18192 01/31/22 15:31 DM XEN MID 3 mL Total/NA Analysis 8015B NM 18228 02/01/22 20:25 AJ XEN MID 1 Total/NA Analysis 300.0 20 18301 02/01/22 23:37 CH XEN MID

Client Sample ID: DOWN STREAM

Date Collected: 01/28/22 10:15

Date Received: 01/28/22 11:35

Lab Sample ID: 890-1884-2

Lab Sample ID: 890-1884-3

Matrix: Water

Matrix: Water

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	18231	02/01/22 20:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18419	02/02/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			31.7 mL	3 mL	18192	01/31/22 15:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 21:28	AJ	XEN MID
Total/NA	Analysis	300.0		50			18301	02/01/22 23:50	СН	XEN MID

Client Sample ID: POND

Date Collected: 01/28/22 10:10

Date Received: 01/28/22 11:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	18231	02/01/22 21:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18419	02/02/22 16:52	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18413	02/02/22 16:07	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			31.5 mL	3 mL	18192	01/31/22 15:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18228	02/01/22 21:49	AJ	XEN MID
Total/NA	Analysis	300.0		50			18301	02/02/22 00:04	СН	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Talon/LPE

Job ID: 890-1884-1

Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pro	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-21-22	06-30-22
The following analyte:	s are included in this repo	ort, but the laboratory is i	not certified by the governing authority.	This list may include analytes for w
the agency does not	offer certification.		, , ,	,
the agency does not on Analysis Method	offer certification. Prep Method	Matrix	Analyte	,
0 ,		Matrix Water	Analyte Total TPH	

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Method Summary

Client: Talon/LPE

Project/Site: 1022 Line Leak (DCP Misdtream)

Job ID: 890-1884-1

SDG: Eddy

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5030B	Purge and Trap	SW846	XEN MID
8015NM Aq Prep	Microextraction	SW846	XEN MID

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Talon/LPE Job ID: 890-1884-1

Project/Site: 1022 Line Leak (DCP Misdtream)

SDG: Eddy

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1884-1	UP STREAM	Water	01/28/22 10:05	01/28/22 11:35	5
890-1884-2	DOWN STREAM	Water	01/28/22 10:15	01/28/22 11:35	5
890-1884-3	POND	Water	01/28/22 10:10	01/28/22 11:35	5

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Work Order No:		www.xenco.com Pageof	Work Order Comments	am: UST/PST PRP Brownfields RRC Superfund		Reporting: Level II Level III PST/UST TRRP Level IV	Deliverables: EDD ☐ ADaPT ☐ Other:	Preservative Codes	None: NO DI Water: H ₂ O	- 0	HCL: HC HNO 3: HN H2: NaOH: Na	Conformal High High High Control High Contro	7	Na ₂ S ₂ O ₃ : Na ₅ O ₃	ZI Acetate+NaOH: ZII NaOH+Ascorbic Acid: SAPC	Sample Comments							ittons introl negotiated.	Received by: (Signature) Date/Time		
Chain of Custody Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296	Hobbs, NM (5/5) 392-7550, Larisbad, NM (5/5) 988-5199		Program:	State	Repo	Deliv	ANALYSIS REQUEST	. 0			890-1884 Chain of Chefody			2	200 I			> > >			Sb As Ba Be Gd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U	rofins Xenco, its affiliates and subcontractors. It assigns standard terms and con enses incurred by the client if such kosses are due to circumstances beyond the co Eurofins Xenco, but not analyzed. These terms will be enforced unless previous!	Date/Time Relinquished by: (Signature)	1817 11.352	9
CI Houston, TX		COUNCY (O)	Bill to:	4	408 W	te ZIP:	Phone: (575) 746.8168 Email:	Project Name: LOS COM CALLING Turn Around	oer 7007c	EDOY Due Date: 5 Day	Sampler's Name: TAT starts the day received by the IAD, if received by 4:30pm	SAMPLE RECEIPT Temp Blank: Yes (60) Wet kee: (Yes) No	Samples Received Intact: (Yes) No Thermometer ID:	Yes No AVA Correction Factor:	Sample Custody Seals: Yes No N/My Temperature Reading: 15.7 Total Containers: 10.2	Sample Identification Matrix Campled Sampled Depth Grab Annual Campled	O LVZ	1000 Sel 3	3				Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It suskins standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurrently the client is such losses are due to drcumstances beyond the control of service. Eurofins Xenco, entitle the losses are due to drcumstances beyond the control of services and shall not assume any responsibility for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	Relinquished by: (Signature) / Received by: (Signature)		

Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 890-1884-1

SDG Number: Eddy

Login Number: 1884 List Source: Eurofins Carlsbad

List Number: 1 Creator: Clifton, Cloe

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	TPH/BTEX need to be in VOAs with zero headspace
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	limited sample
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	False	sample received in bulk jar with headspace

Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 890-1884-1

SDG Number: Eddy

Login Number: 1884 **List Source: Eurofins Midland** List Creation: 01/31/22 08:21 AM List Number: 2

Creator: Kramer, Jessica

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	limited sample
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	False	sample received in bulk jar with headspace

Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2065-1

Laboratory Sample Delivery Group: 700702.119.01

Client Project/Site: DCP 1022OD LINE

For:

Talon/LPE 408 W. Texas St. Artesia, New Mexico 88210

Attn: David Adkins

Authorized for release by: 3/17/2022 6:19:57 PM
John Builes, Project Manager (561)558-4549

john.builes@eurofinset.com

Designee for

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

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Released to Imaging: 9/14/2022 11:42:31 AM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Talon/LPE

Laboratory Job ID: 890-2065-1

Project/Site: DCP 1022OD LINE

SDG: 700702.119.01

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Definitions/Glossary

 Client: Talon/LPE
 Job ID: 890-2065-1

 Project/Site: DCP 1022OD LINE
 SDG: 700702.119.01

Qualifiers

General Chemistry

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery
CFL Contains Free Liquid
CFU Colony Forming Unit
CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

 Client: Talon/LPE
 Job ID: 890-2065-1

 Project/Site: DCP 1022OD LINE
 SDG: 700702.119.01

Job ID: 890-2065-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2065-1

Receipt

The samples were received on 3/11/2022 10:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Job ID: 890-2065-1

Client: Talon/LPE SDG: 700702.119.01 Project/Site: DCP 1022OD LINE

Client Sample ID: Source Lab Sample ID: 890-2065-1 Date Collected: 03/10/22 03:15 **Matrix: Water**

Date Received: 03/11/22 10:31

General Chemistry Analyte Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac 100 03/16/22 12:13 **Total Dissolved Solids** 15400 100 mg/L

Client Sample ID: Upgradient Lab Sample ID: 890-2065-2

Date Collected: 03/10/22 03:30 **Matrix: Water**

Date Received: 03/11/22 10:31

General Chemistry Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total Dissolved Solids 5680 40.0 40.0 mg/L 03/16/22 12:13

Client Sample ID: Downgradient Lab Sample ID: 890-2065-3

Date Collected: 03/10/22 03:45 **Matrix: Water**

Date Received: 03/11/22 10:31

General Chemistry Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac **Total Dissolved Solids** 4450 40.0 40.0 mg/L 03/16/22 12:13

QC Sample Results

Client: Talon/LPE Job ID: 890-2065-1 Project/Site: DCP 1022OD LINE

SDG: 700702.119.01

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-45186/1 Client Sample ID: Method Blank **Matrix: Water**

Prep Type: Total/NA

Analysis Batch: 45186

Total Dissolved Solids

Analyte

MB MB Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac <5.00 U 5.00 5.00 mg/L 03/16/22 12:13

Lab Sample ID: LCS 860-45186/2 Client Sample ID: Lab Control Sample **Matrix: Water**

Prep Type: Total/NA

Analysis Batch: 45186

Spike LCS LCS %Rec. Added Analyte Result Qualifier Unit D %Rec Limits

Total Dissolved Solids 1000 1145 mg/L 115 80 - 120

Lab Sample ID: LCSD 860-45186/3 Client Sample ID: Lab Control Sample Dup

Matrix: Water Prep Type: Total/NA

Analysis Batch: 45186

LCSD LCSD %Rec. RPD Spike Added Result Qualifier Unit %Rec Limits **RPD** Limit Total Dissolved Solids 1000 1141 mg/L 114 80 - 120

Lab Sample ID: 860-22471-A-1 DU **Client Sample ID: Duplicate Matrix: Water** Prep Type: Total/NA

Analysis Batch: 45186

DU DU Sample Sample RPD Analyte Result Qualifier Result Qualifier Unit

Limit 400.0 **Total Dissolved Solids** 425 10 mg/L

QC Association Summary

 Client: Talon/LPE
 Job ID: 890-2065-1

 Project/Site: DCP 1022OD LINE
 SDG: 700702.119.01

General Chemistry

Analysis Batch: 45186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2065-1	Source	Total/NA	Water	SM 2540C	
890-2065-2	Upgradient	Total/NA	Water	SM 2540C	
890-2065-3	Downgradient	Total/NA	Water	SM 2540C	
MB 860-45186/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-45186/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-45186/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
860-22471-A-1 DU	Duplicate	Total/NA	Water	SM 2540C	

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Client: Talon/LPE

Project/Site: DCP 1022OD LINE

Job ID: 890-2065-1

SDG: 700702.119.01

Lab Sample ID: 890-2065-1

Matrix: Water

Matrix: Water

Client Sample ID: Source Date Collected: 03/10/22 03:15 Date Received: 03/11/22 10:31

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab SM 2540C 45186 XEN STF Total/NA Analysis 10 mL 200 mL 03/16/22 12:13 ADL

Lab Sample ID: 890-2065-2 **Client Sample ID: Upgradient**

Date Collected: 03/10/22 03:30

Date Received: 03/11/22 10:31

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Factor Amount Amount Number or Analyzed Type Run Analyst Lab Total/NA SM 2540C 200 mL 45186 03/16/22 12:13 ADL XEN STF Analysis 25 mL

Client Sample ID: Downgradient Lab Sample ID: 890-2065-3

Date Collected: 03/10/22 03:45 **Matrix: Water**

Date Received: 03/11/22 10:31

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Туре Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA SM 2540C 25 mL 200 mL 45186 03/16/22 12:13 ADL XEN STF Analysis

Laboratory References:

XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

 Client: Talon/LPE
 Job ID: 890-2065-1

 Project/Site: DCP 1022OD LINE
 SDG: 700702.119.01

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-21-44	06-30-22

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Method Summary

Client: Talon/LPE

Project/Site: DCP 1022OD LINE

Job ID: 890-2065-1

SDG: 700702.119.01

Method	Method Description	Protocol	Laboratory
SM 2540C	Solids, Total Dissolved (TDS)	SM	XEN STF

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Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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Sample Summary

Client: Talon/LPE Job ID: 890-2065-1 Project/Site: DCP 1022OD LINE

SDG: 700702.119.01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-2065-1	Source	Water	03/10/22 03:15	03/11/22 10:31
890-2065-2	Upgradient	Water	03/10/22 03:30	03/11/22 10:31
890-2065-3	Downgradient	Water	03/10/22 03:45	03/11/22 10:31

Relinquished by: (Signature)

Received by: (Signature)

Date/ Ime

Relinquished by: (Signature)

enforced unless previously negotiated

Received by: (Signature)

Date/Time

31122

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Revised Date: 08/25/2020 Rev. 2020.2

00.00

otice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions service. Eurofins 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 Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiat

eurofins

Xenco

Environment Testing

Project Manager:

TRUIA

SVIX

Bill to: (if different) Company Name

10/00

Reporting: Level II 🗌 Level III 🗎 PST/UST 📗 TRRP 📗

Level IV

State of Project:

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

Work Order Comments

www.xenco.com

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Talow, 408 w.

Texas Poer

Company Name

Chain of Custody

Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296	Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334	Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
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City. State ZIP:	A-10810. NA 38	98210 City, State ZIP:	Reporting: Level	Reporting: Level II Level III PST/UST TRRP Level IV
	171	Email:	Deliverables: EDD	DD ADaPT Other:
Project Name:	BA 102200 Line	Turn Around	ANALYSIS REQUEST	Preservative Codes
en.	700702.119.01	X Routine □Rush	Pres. Code	None: NO DI Water: H ₂ O
Project Location:	Eddy co, um	Due Date: 4 Pay		Cool: Cool MeOH: Me
Sampler's Name:	U. ADKINS	TAT starts the day received by		HCL: HC HNO3: HN
PO #:		the lab, if received by 4:30pm	rs	H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: (Yes) No	Wet ice: Yes No	nete	H₃PO₄: HP
Samples Received Intact:	ct: Yes No Thermometer ID:		arar	NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes No N/A Correction Factor	Factor: 1.2		Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes No N/A Temperature Reading:	re Reading: 1.0	son ones Chain of Custody	Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature: -0.2		NaOH+Ascorbic Acid: SAPC
Sample Identification	ication Matrix Date	Time Depth	Grab/ # of Comp Cont	Sample Comments
Source	w 3/19/22	315pm G		
up gradient	٣	3/10/22 33 Um G	X	
downavad	ε	3450M G	×	
d		•		
Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11 Al Sb As Ba Be B	Cd Ca Cr Co Cu Fe Pb	Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Tl Sn ∪ V Zn
Circle Method(s) and		TCLP / SPLP 6010: 8F	TCLP/SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U	Hg: 1631 / 245.1 / 7470 / 7471
Circle Melliod(a) alle	Circle injenion(a) and injenion to be analyzed			

Temp: 3,6 IRID:HOU-223 C/F-0.1 Corrected Temp: 3, S

Cooler Temperature(s) °C and Other Remarks:

Chain of Custody Record

Carlsbad NM 88220 Phone: 575-988-3199 Fax: 575-988-3199

Eurofins Carlsbad 1089 N Canal St.

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Shipping/Receiving				jessica	.kramer@	essica.kramer@eurofinset.com	сош	New Mexico	exico		Page 1 of 1	
Company: Functins Environment Testing South Centr				¥Z	Accreditations Requ	Accreditations Required (See note):	e note):				Job #:	
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ofte:	SSOW#:) 	X) qs					ngo jo	Other	
		Samole	Sample Type	Matrix (W-water, S-society, diff.	ojuujMavw							
Sample Identification Client ID (Lab ID)	Sample Date	Time				River Services	/6		Barrier Comment	AP. C	i de	Special Instructions/Note:
	3/10/22	03.15		Water	×		1			X 25		
Jpgradient (890-2065-2)	3/10/22	Mountain 03:30		Water	×							
Downgradient (890-2065-3)	3/10/22	Mountain 03:45 Mountain		Water	×							
		MOUIGIN										
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lote: Since laboratory accreditations are subject to change. Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the aboratory does not currently maintain accreditation in the State of Origin Istack above for analysis/lests/martix being analyzed, the samples must be shipped back to the Eurofins Environment is forwarded under chain-of-custody. If the aboratory does not currently maintain accreditation in the State of Origin Istack above for analysis/lests/martix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing South Central, LLC.	Testing South Centra ove for analysis/tests/ itral, LLC attention im	ıl, LLC placesı matrix being aı mediately. If a	the ownership of nalyzed, the sam Il requested acci	method, analyte ples must be shi editations are cu	& accredita oped back t ment to date	tion compliand the Eurofins t, return the sig	e upon out sub Environment T gned Chain of (contract laboral esting South Ce Justody attesting	ones. This sa intral LLC (ab. 3 to said comp	mple shipment pratory or other dicance to Euro	is forwarded under o instructions will be p fins Environment Tes	hain-of-custody. If the bydded. Any changes to ting South Central, LLC.
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Jnconfirmed					*]	Return To Client	ent	→ Disposal By Lab	By Lab	Arch	Archive For	Months
Deliverable Requested: I II, III IV Other (specify)	Primary Delivera	rable Rank: 2			Special I	nstructions	Special Instructions/QC Requirements:					
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kalinquished by:	Date/Time:		8	Сотралу	Recei	Received by:		} }	Date/Time:	ine:		Company

Custody Seal No.

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

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

Action 91775

CONDITIONS

Operator:	OGRID:
Talon LPE	329944
408 W Texas Artesia, NM 88210	Action Number: 91775
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Create	y Condition	Condition Date
rham	We have received your closure report and final C-141 for Incident #NAPP2134844762 10220D LINE, thank you. This closure is approved.	9/14/2022