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Remediation Report and Deferment Request

Lewis #1 Lea County, New Mexico API ID # 30-025-33350 Incident # nAPP2214652359

Prepared For:

Aspen Operating Company, LLC 6777 Camp Bowie Blvd., Ste. 600 Fort Worth, Texas 76116

Prepared By:

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

May 31, 2023



Mr. Mike Bratcher New Mexico Oil Conservation District 506 W. Texas Ave Artesia, NM 88210

Subject: Remediation Report and Deferment Request

Lewis #1

Lea County, New Mexico API # 30-025-33350

Incident # nAPP2214652359

Mr. Bratcher,

Aspen Operating Company, LLC contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, remediation efforts, and deferment request are presented herein.

Site Information

The Lewis #1 is located approximately 15 miles northeast of Tatum, New Mexico. The legal location for this release is Unit Letter M, Section 3, Township 10 South and Range 36 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 33.4707451 and -103.2526855. A Site Location Map 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 this area is comprised mainly of Brownfield-Springer of fine sands and sandy clay loams, 0 to 3 percent slopes. The referenced soil data is presented in Appendix III. Per the New Mexico Bureau of Geology and Mineral Resources, the local geology consists of the Eolian deposits, Holocene to middle Pleistocene in age.

Groundwater and Site Characterization

Based on New Mexico Office of the State Engineer Database, the nearest reported groundwater depth is 75 feet below ground surface (bgs) but is located greater than 0.5 miles from the subject site. On October 21, 2022, a temporary well was drilled to a depth of 55 feet bgs in the northeast corner of the well pad (Figure 2) to conclusively determine the presence or absence of groundwater at that depth. See Appendix III for the boring log. Groundwater was not encountered at 55 feet bgs following a 72-hour period after the installation of a temporary well. The FEMA Flood Service Center does not locate the site in a 100-year flood plain. Further research of the Bureau of Land Management Karst data

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indicates that this site is situated within a low potential karst area. See Appendix III for the site characterization data.

Approx	cimate Depth to	Groundwater	> 55 feet bgs
□Yes	⊠No	Within 300 feet of any continuously flowing water any other significant watercourse	ercourse or
□Yes	⊠No	Within 200 feet of any lakebed, sinkhole or a pla	aya lake
∐Yes	⊠No	Within 300 feet from an occupied permanent reschool, hospital, institution or church	sidence,
□Yes	⊠No	Within 500 feet of a spring or a private, domesti well used by less than five households for dome watering purposes	
∐Yes	⊠No	Within 1000 feet of any freshwater well or spring	g
□Yes	⊠No	Within incorporated municipal boundaries or wit municipal freshwater well field covered under a ordinance adopted pursuant to Section 3-2703	municipal
∐Yes	⊠No	Within 300 feet of a wetland	
□Yes	⊠No	Within the area overlying a subsurface mine	
□Yes	⊠No	Within an unstable area	
□Yes	⊠No	Within a 100-year floodplain	

Because the release occurred in a production area (well pad) and the verified depth to groundwater on location is greater than 55 feet bgs, the cleanup criteria for the pad location for this site is as follows.

	Tab	ole I	
	Closure Criteria for Soils	Impacted by a Release	
Depth below	Constituent	Method	Limit
horizontal extents of			
release to ground			
water less than			
10,000 mg/l TDS			
51-100 feet	Total Chlorides	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH	EPA SW-846 Method	2,500 mg/kg
	(GRO+DRO+MRO)	8015M	
	TPH	EPA SW-846 Method	1,000 mg/kg
	(GRO/DRO)	8015M	
	BTEX	EPA SW-846 Method	50 mg/kg
		8021B or 8260B	
	Benzene	EPA SW-846 Method	10 mg/kg
		8021B or 8260B	

Due to a portion of the incident release occurring outside of the pad location, the cleanup criteria for the pasture location is as follows.

	Tak		
Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Impacted by a Release Method	Limit
0-50 feet	Total Chlorides	EPA 300.0 or SM4500 CI B	600 mg/kg
	TPH	EPA SW-846 Method	100 mg/kg
	(GRO+DRO+MRO)	8015M	
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

On May 26, 2022, approximately 130 barrels (bbls) of produced water were discharged into the containment with a subsequent rainfall event causing overflow to the well pad and adjacent pasture due to an overflowed tank. A vacuum truck was dispatched and 130 bbls of produced water were recovered from the area. The release was reported to the NMOCD and was assigned incident # nAPP2214652359.

Site maps of the release are presented in Appendix I. Initial C-141 spill notifications were filed with the NMOCD and are attached in Appendix IV.

Site Assessment

On August 1, 2022, upon client authorization, Talon mobilized personnel to the site to conduct an initial site assessment of the pad location. The impacted area was sampled utilizing a Geoprobe until refusal was encountered. On November 10, 2022, pasture soil assessment samples were collected from test trenches with a backhoe until refusal was encountered in the flowpath. All soil samples were properly packaged in laboratory provided glassware, preserved on ice in the custody of Talon personnel, and transported to Cardinal Laboratories for analysis of Total Chlorides (SM4500Cl-B), Total Petroleum Hydrocarbons (TPH via EPA Method 8015M), and Volatile Organics (BTEX, EPA Method 8021B).

Results from the assessment sampling events are presented on the following data tables and the complete laboratory reports can be found in Appendix VI. Sample locations are shown on the attached Figure 1 in Appendix I.

Table 1Pad Soil Assessment 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
	CD Table 1 Clo ia 19.15.29 N		50 mg/kg	10 mg/kg	DRO + 1,000			2,500 mg/kg	10,000 mg/kg
BH-1	8/1/2022	1'	14.3	ND	1820	21400	2340	25560	832
	8/1/2022	7' R	11.7	ND	1580	5290	221	7091	688
BH-2	8/1/2022	1'	8.90	ND	718	9390	988	11096	672
5112	8/1/2022	3' R	ND	ND	ND	157	ND	157	1200
BH-3	8/1/2022	1'	ND	ND	ND	207	14.7	221.7	592
511.5	8/1/2022	3' R	ND	ND	ND	ND	ND	-	2000
BH-4	8/1/2022	1'	2.31	ND	384	13800	1780	15964	336
	8/1/2022	3' R	ND	ND	ND	35.8	ND	35.8	352
BH-5	8/1/2022	1'	7.54	ND	354	7200	803	8357	2520
DI1-3	8/1/2022	3' R	4.75	ND	734	8420	747	9901	496
BH-6	8/1/2022	1'	ND	ND	ND	41.9	10.0	51.9	272
511.0	8/1/2022	3' R	ND	ND	ND	ND	ND	-	96.0
BG-1	8/1/2022	0'	ND	ND	ND	ND	ND	-	16.0
BG-2	8/1/2022	0'	ND	ND	ND	76.7	36.5	113.2	368
BG-3	8/1/2022	0'	ND	ND	ND	12.3	ND	12.3	32.0
BG-4	8/1/2022	0'	ND	ND	ND	132	66.4	198.4	ND
В	H = Borehole	with Geo	probe N	ID = Analyte	Not Dete	cted R	= Refusal v	with Geopi	obe

Table 2Pasture Soil Assessment 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		50 mg/kg	10 mg/kg	DRO + GRO + MRO			100 mg/kg	600 mg/kg
	11/10/2022	1'	ND	ND	ND	ND	ND	-	48.0
P-1	11/10/2022	2'	ND	ND	ND	ND	ND	-	480
P-1	11/10/2022 3'		ND	ND	ND	ND	ND	-	528
	11/10/2022	4'	ND	ND	ND	ND	ND	-	400

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		50 mg/kg	10 mg/kg		+ GRO + I ned = 100		100 mg/kg	600 mg/kg	
	11/10/2022	1'	ND	ND	ND	1690	296	1986	80.0	
P-2	11/10/2022	2'	3.52	ND	475	4800	474	5749	48.0	
P-2	11/10/2022	3'	0.683	ND	89.1	1050	152	1291.1	48.0	
	11/10/2022	4'	ND	ND	ND	153	12.5	165.5	352	
	11/10/2022	1'	0.959	ND	67.1	821	61.7	949.8	448	
	11/10/2022	2'	0.768	ND	72.9	790	59.2	922.1	240	
P-3	11/10/2022	3'	1.48	ND	89.6	1010	80.6	1180.2	192	
	11/10/2022	4'	ND	ND	ND	ND	ND	-	112	
	ND = Analyte Not Detected									

Remediation Activities

Pad Impacted Areas

Upon client authorization, excavation activities began on October 6, 2022 and continued through April 23, 2023. Based upon initial assessment data, the accessible spill area would be excavated to a depth of two (2) to four (4) feet bgs throughout the southwest corner, central portion of the pad, and along the northern portion of the pad between the well and pasture.

The impacted soil on the pad location was removed vertically based on depth to groundwater criteria, or to four (4) feet bgs, throughout the flowpath. The horizontal extent of the excavation was based on the flowpath, and sampling data was compared to the most stringent Table 1 closure criteria to ensure complete removal.

Confirmation samples were collected during different phases of the excavation process from October 19, 2022 to April 23, 2023 to confirm that NMOCD closure criteria had been met for all areas outside of the deferment area, the results of which can be found in the following data tables. The composite samples were collected from gridded areas of 200 square feet or less for sampling. Confirmation sample locations and excavation dimensions can be found on the confirmation sample map, Figure 2 in Appendix I.

All samples were transported via chain of custody to Cardinal Laboratories for analysis of Total Chlorides (SM4500Cl-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B). Complete laboratory reports for the remediation efforts are attached in Appendix VI. Due to the volume of confirmation samples collected, the data is presented as Table 3 and Table 4 in Appendix II.

Table 3 and Table 4

Pad Closure Analytical Data for Bottom of Excavation and Sidewall Sampling and Horizontal Delineation See Appendix II

Pad Delineation and Deferment Areas

The areas within the tank battery and surrounding the wellhead were determined to be areas of deferment based on the proximity of existing infrastructure as the excavation could not be advanced further due to safety concerns (Figure 2). A borehole, BH-1, was completed west of the tank battery to assist with vertical delineation, as well as test trench, T-8, in the northwest portion of the battery (Figure 2).

The borehole (BH-1) was completed west of the battery on October 21, 2022, to a total depth of 24 feet bgs. In this area, the upper six (6) feet bgs of impacted soil had been removed prior to drilling activities. All analyzed samples were below the depth to groundwater Table 1 closure criteria. The laboratory data is presented in Appendix II in Table 5.

On November 9, 2022, a test trench was completed in an accessible area in the northwest corner of the battery until refusal was encountered with the trackhoe. The upper four (4) feet of impacted soil had already been excavated to the most horizontal extent without compromising existing infrastructure integrity and safety. Based on the laboratory data, soil is heavily impacted with TPH to approximately six (6) to 12 feet bgs. The TPH concentration decreases with depth but exceeds 100 mg/kg for TPH at the refusal rock layer. Chloride concentrations remain consistent with the exception of the sample at 12 feet bgs. The laboratory data is presented in Appendix II in Table 5.

The areas of deferment were excavated to a depth of four (4) feet bgs, followed by vertical delineation sampling with a grab sample collected for analysis. The vertical areas of deferment are concentrated in the central portion of the pad between the tank battery and the well, near the pad entrance in a former low lying area, and three (3) hot spots on the northern portion of the pad between the well and adjacent pasture. Vertical extents of impact for each 200 square foot grid were confirmed when compared to the depth to groundwater criteria Table 1 closure criteria.

The sidewall composite samples along the edge of the excavation were compared to the depth to groundwater criteria Table 1 closure criteria and remained in place. However, to establish horizontal delineation and ensure the boundary of the release was identified, samples were collected to be compared to the most stingent standards set in the Table 1 closure criteria. The horizontal extents of impact were established on the central eastern portion of the pad. Slight exceedances were observed in the horizontal delineation samples along the central western portion of the pad and near the pad entrance.

All samples were transported via chain of custody to Cardinal Laboratories for analysis of Total Chlorides (SM4500Cl-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B). Complete laboratory reports for the delineation efforts are attached in Appendix VI. Due to the volume of delineation samples collected, the data is presented as Table 5 and Table 6 in Appendix II.

Table 5 and Table 6

Pad Delineation Analytical Data for Bottom of Excavation and Sidewall Samples See Appendix II

Pasture Impacted Area

Pasture excavation activities began on January 25, 2023. Based upon assessment data, the area would be excavated to a depth of four (4) feet bgs between the sample points of P-2 and P-3. The impacted soil removed vertically would be determined based on depth to groundwater criteria, and horizontal extents would be compared to the most stringent Table 1 closure criteria to ensure complete removal.

Most of the pasture excavation was completed to four (4) feet bgs, with the exception of the C-7 and C-8 gridded sample areas. These were finalized at six (6) feet bgs when a combined GRO and DRO concentrations were below 1,000 mg/kg, Total TPH concentrations were below 2,500 mg/kg, and chlorides were below 10,000 mg/kg.

The excavation sidewall laboratory data was compared to the most stringent Table 1 closure criteria to ensure impacted soil was removed, and additional horizontal removal was completed in CNSW-3, CSSW-2, and CSSW-3. All confirmation sidewalls samples were below the regulatory concentrations, with the exception of CNSW-3. The TPH concentration slightly exceeded the TPH concentration with a documented 141.2 mg/kg.

Confirmation sample locations and excavation dimensions can be found on the confirmation sample map, Figure 2 in Appendix I.

All samples were transported via chain of custody to Cardinal Laboratories for analysis of Total Chlorides (SM4500CI-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015M) and Volatile Organics (BTEX, EPA Method 8021B). Complete laboratory reports for the remediation efforts are attached in Appendix VI and summarized in the following data tables.

Table 7Pasture Closure Analytical Data for Bottom of Excavation

Sample ID	Sample Date	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
	CD Table 1 Clo ia 19.15.29 N		10 mg/kg	50 mg/kg	DRO - comb 1,000			2,500 mg/kg	10,000 mg/kg
C-1	1/27/2023	4'	ND	ND	ND	ND	ND	-	288
						I			
C-2	1/27/2023	4'	ND	ND	ND	ND	ND	-	304
C-3	1/27/2023	4'	ND	ND	ND	358	31.2	389.2	784
C-4	1/27/2023	4'	ND	0.506	35.9	927	102	1064.9	928
C-5	1/27/2023	4'	ND	0.462	22.4	491	46.0	559.4	256
C-6	1/27/2023	4'	ND	ND	ND	20.3	ND	20.3	720
	1/27/2023	4'	ND	0.531	48.7	971	91.4	1111.1	560
C-7	2/8/2023	5'	ND	ND	33.3	1910	203	2146.3	928
	4/28/2023	6′	ND	ND	ND	299	37.4	336.4	1520
C-8	1/27/2023	4'	ND	0.591	63.9	1510	154	1727.9	432
C-0	2/8/2023	6'	ND	ND	ND	30.8	ND	30.8	640
C-9	1/27/2023	4'	ND	ND	17.7	455	42.2	514.9	160
		C = Con	firmation Sa	mple I	ND = Anal	yte Not De	tected		

Table 8Pasture Closure Analytical Data for Sidewall Sampling

	T dotare							.3	
Sample ID	Sample Date	Depth (BGS)	Benzene mg/kg	BTEX 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	50 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
CWSW-1	1/27/2023	4'	ND	ND	ND	ND	ND	-	48.0
CNSW-1	1/27/2023	4'	ND	ND	ND	ND	ND	1	32.0
CNSW-2	1/27/2023	4'	ND	ND	ND	ND	ND	-	64.0
CNSW-3	1/27/2023	4'	ND	0.369	18.6	684	73.9	776.5	160

Sample ID	Sample Date	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
	able 1 Closure C 9.15.29 NMAC	riteria	10 mg/kg	50 mg/kg		DRO + GRO + MRO combined = 100 mg/kg			600 mg/kg
CNSW-3 (1')	2/8/2023	4'	ND	ND	ND	15.4	ND	15.4	1120
CNSW-3 (2')	4/28/2023	4'	ND	ND	ND	119	22.2	141.2	80.0
CSSW-1	1/27/2023	4'	ND	ND	ND	15.9	ND	15.9	32.0
CSSW-2	1/27/2023	4'	ND	ND	ND	121	ND	121	128
CSSW-2 (1')	2/8/2023	4'	ND	ND	ND	48.4	11	59.4	16.0
CSSW-3	1/27/2023	4'	ND	ND	ND	222	16.9	238.9	464
CSSW-3 (1')	2/8/2023	4'	ND	ND	ND	ND	ND	-	64.0
	CWSW = Confi CSSW =		West Side V tion South S				North Sid t Detecte		

Remedial Action Summary

- The depth to groundwater at the site was confirmed to be greater than 55 feet bgs through installation of a temporary groundwater monitoring well.
- The remaining impacted soil under the tank battery will be addressed during decommissioning of the site. The tank battery remediation depth is estimated at 18.5 feet bgs.
- The areas of deferment on the pad location and wellhead area will be remediated during the decommissioning of the site and may vary between five (5) feet bgs to 12 feet bgs.
- The impacted areas on the pad location were excavated to depths of two
 (2) to four (4) feet bgs.
- The impacted areas in the pasture were excavated to depths of four (4) to six (6) feet bgs.
- Pursuant to NMOCD guidance, confirmation soil samples were collected at 200 square foot intervals and analyzed for TPH, BTEX and Total Chlorides to insure all areas outside of deferment had reached NMOCD closure criteria.
- The excavated areas on the well pad were backfilled with new caliche, machine compacted, and contoured to match the surrounding location.
- The excavated area in the pasture was backfilled with locally obtained topsoil and contoured to match the surrounding area.
- All of the excavated material (approximately 4,080 cubic yards) was transported to Gandy Marley, a NMOCD approved solid waste disposal facility.
- Photographic documentation is provided in Appendix V.
- Copies of the Final C-141s are presented in Appendix IV.

Deferment Request

Based upon the completed remedial actions and confirmation sampling results, on behalf of Aspen Operating Company, LLC., we respectfully request that no further actions be required until facility closure for the deferment area.

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

Kayla

Digitally signed by Kayla Taylor
DN: en-Asyla Taylor or Carlator
UPE, Qua-Project Manager,
enal-taxylor tallonipe.com,
C-US
Date: 2023.06.06.082833-0500

Adkins

Kayla Taylor David J. Adkins
Project Manager Regional Manager

Attachments:

Appendix I Site Maps

Appendix II Analytical Data Tables

Appendix III Boring Log, Groundwater Data, Soil Survey, FEMA Flood Map

Appendix IV C-141 Forms

Appendix V Photographic Documentation

Appendix VI Laboratory Reports



APPENDIX I

Site Maps





Drafted: 3/3/2023 1 in = 60 ft

Drafted By: JAI

Aspen Operating Company, LLC
Lewis #1
Lea County
Figure 1 - Site Assessment Map





Drafted: 3/3/2023 1 in = 60 ft

Drafted By: JAI

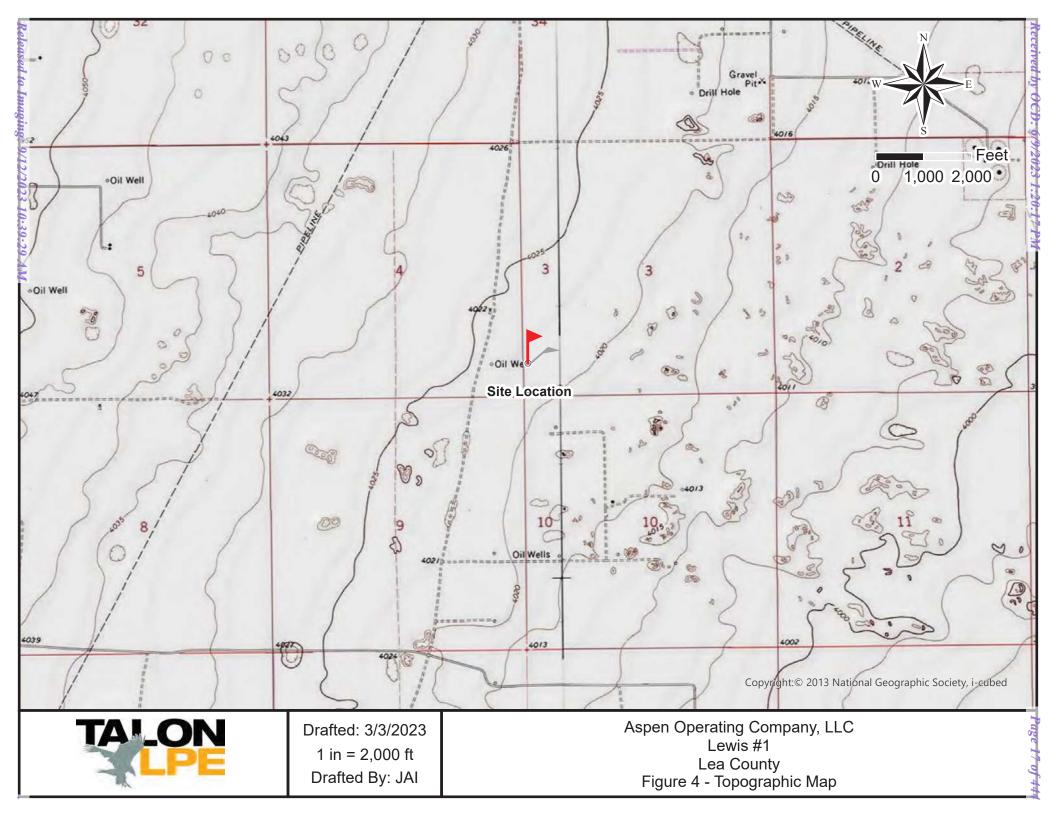
Aspen Operating Company, LLC
Lewis #1
Lea County
Figure 2 - Sample Confirmation and Deferment Map

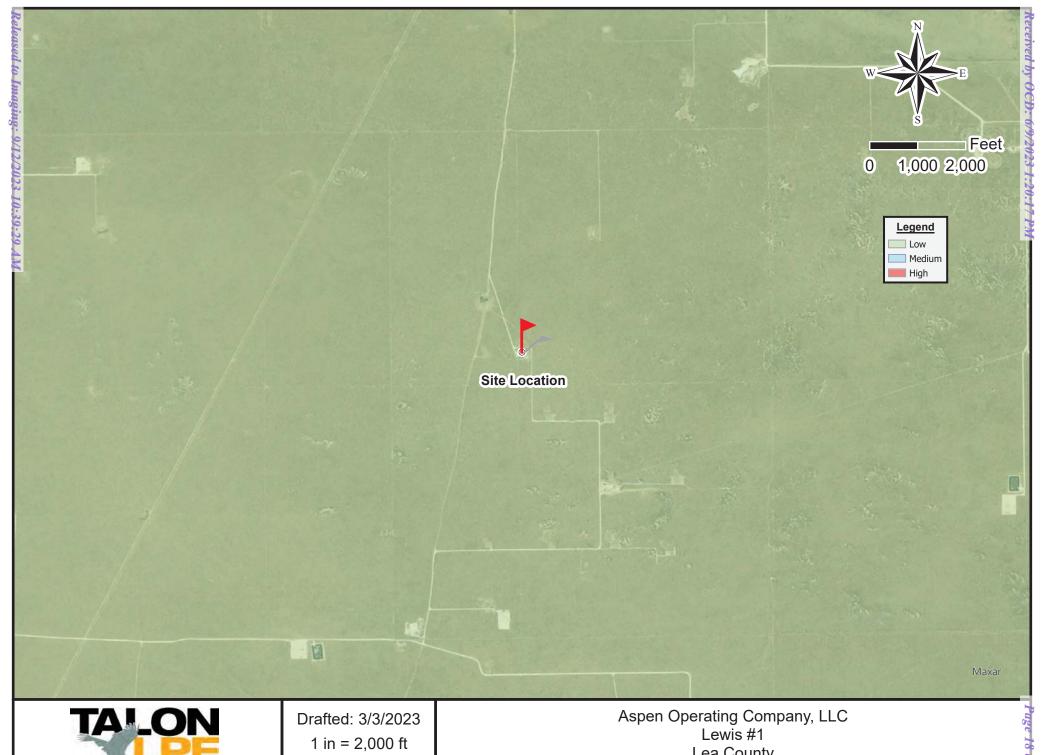


1 in = 3,000 ft

Drafted By: JAI

Aspen Operating Company, LLC Lewis #1 Lea County
Figure 3 - Site Location Map





Drafted By: JAI

Lea County Figure 5 - Karst Map



APPENDIX II

Analytical Data Tables

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Table 3
Pad Closure Analytical Data
Bottom of Excavaction

Sample ID	Sample Date Table 1 Closur		BTEX mg/kg	Benzene mg/kg	GRO mg/kg DRO + GRO	DRO mg/kg combined =	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg 10,000
	19.15.29 NMA	С	50 mg/kg	10 mg/kg		mg/kg		2,500 mg/kg	mg/kg
S-1	10/19/2022	3'	ND	ND	37.1	265	ND	302	103
S-3	10/19/2022	3'	0.00388	ND	37.6	835	ND	873	203
S-8	10/19/2022	3'	0.00433	ND	22.4	409	ND	431	204
S-9	10/19/2022	3'	0.00237	ND	22.2	182	ND	204	374
S-10	10/19/2022	3'	ND	ND	36.4	2400	ND	2440	203
S-10A	11/18/2022	4'	ND	ND	ND	134	14.3	148.3	128
S-11	10/19/2022	3'	ND	ND	21.8	94.1	ND	116	246
S-13	10/19/2022	3'	0.00224	ND	30.1	858	ND	888	179
S-14	10/19/2022	3'	0.171	0.0479	39.2	1050	ND	1090	167
S-14A	11/18/2022	4'	ND	ND	ND	255	19.7	274.7	384
S-15	10/19/2022	3'	0.0109	ND	43.3	1600	ND	1640	193
S-15A	11/18/2022	4'	ND	ND	ND	473	47.2	520.2	336
S-16	10/19/2022	3'	0.111	0.0287	38.3	1300	ND	1340	264
S-16A	11/18/2022	4'	ND	ND	ND	12.2	ND	12.2	416
S-17	10/19/2022	3'	ND	ND	37.7	1170	ND	1210	306
S-17A	11/18/2022	4'	ND	ND	13.6	606	27.0	646.6	176
S-18	10/19/2022	3'	0.00168	ND	32.3	644	ND	676	172
S-19	10/19/2022	3'	0.00367	ND	35.7	502	ND	538	269
S-20	10/19/2022	3'	0.330	0.0499	137	2440	ND	2580	111
S-20A	1/17/2023	4'	ND	ND	47.2	561	39.9	648.1	48.0
S-21	10/19/2022	1.5'	0.0166	ND	144	678	ND	822	368

Table 3
Pad Closure Analytical Data
Bottom of Excavaction

Sample ID	Sample Date		BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
	Table 1 Closur 19.15.29 NMA	С	50 mg/kg	10 mg/kg		combined = mg/kg		2,500 mg/kg	10,000 mg/kg
S-22	10/19/2022	1.5'	0.0646	ND	56.5	255	ND	312	280
S-23	10/19/2022	1.5'	0.00156	ND	ND	32.8	ND	32.8	270
S-24	10/19/2022	1.5'	ND	ND	ND	28.9	ND	28.9	484
S-25	10/19/2022	1.5'	ND	ND	71.5	510	ND	582	370
S-26	10/19/2022	1.5'	ND	ND	252	1380	ND	1630	477
S-26A	1/17/2023	4'	ND	ND	ND	81.7	ND	81.7	624
S-28	10/19/2022	1.5'	0.00723	ND	170	736	ND	906	420
S-30	10/19/2022	1.5'	0.0697	ND	382	1380	ND	1760	82.4
S-30A	11/9/2022	2.5'	0.502	ND	27.4	1090	118	1235.4	176
S-30B	11/18/2022	4'	ND	ND	26.3	437	18.5	481.8	144
S-31	10/19/2022	1.5'	0.00399	ND	62.6	415	ND	478	217
S-33	10/19/2022	1.5'	0.00231	ND	52.7	338	ND	391	103
S-34	10/19/2022	1.5'	0.0224	0.00115	564	2370	ND	2930	25.5
S-34A	11/9/2022	2.5'	ND	ND	ND	254	23.8	277.8	48.0
S-35	10/20/2022	2'	ND	ND	45.2	ND	ND	45.2	739
S-36	10/20/2022	2'	ND	ND	ND	ND	ND	-	756
S-37	10/20/2022	2'	ND	ND	22.9	ND	ND	22.9	682
S-38	10/20/2022	2'	ND	ND	ND	ND	ND	ND	1250
S-39	10/20/2022	2'	ND	ND	ND	45.3	ND	45.3	1800
S-40	10/20/2022	2'	ND	0.000765	32.0	345	ND	377	1530
S-41	10/20/2022	2'	ND	0.000845	25.1	33.0	ND	58.1	282

Table 3
Pad Closure Analytical Data
Bottom of Excavaction

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
	Table 1 Closur 19.15.29 NMA		50 mg/kg	10 mg/kg		combined = mg/kg		2,500 mg/kg	10,000 mg/kg
S-42	10/20/2022	2'	ND	0.000923	28.8	16.0	ND	44.8	215
S-43	10/20/2022	2'	0.00114	0.00114	25.9	18.8	ND	44.7	307
S-44	10/20/2022	2'	0.00104	0.00104	17.1	29.5	ND	46.6	528
S-45	10/20/2022	2'	ND	0.000977	22.6	18.5	ND	41.1	1150
S-46	10/20/2022	2'	ND	0.000979	18.8	76.6	ND	95.4	839
S-47	10/20/2022	2'	ND	0.000803	19.1	544	50.9	614	843
S-48	10/20/2022	2'	ND	0.000907	22.8	62.9	ND	85.7	1700
S-49	10/20/2022	2'	ND	0.000969	18.1	15.8	ND	33.9	250
S-50	10/20/2022	2'	ND	0.000960	ND	16.6	ND	16.6	195
S-51	10/20/2022	2'	ND	0.000868	24.6	19.5	ND	44.1	319
S-52	10/20/2022	2'	ND	0.000843	20.7	40.7	ND	61.4	962
S-53	10/20/2022	2'	0.00101	0.00101	18.3	627	53.7	699	2370
S-54	10/20/2022	2'	0.00264	0.00101	26.8	199	15.7	242	912
S-55	10/20/2022	2'	ND	0.00957	18.1	18.7	ND	36.8	112
S-56	10/20/2022	2'	ND	0.000879	20.9	21.0	ND	41.9	201
S-57	10/20/2022	2'	ND	0.000879	27.5	15.1	ND	42.6	336
S-58	10/20/2022	2'	ND	0.000930	ND	22.2	ND	22.2	172
S-59	10/20/2022	2'	ND	0.000886	17.3	15.4	ND	32.7	453
S-60	10/20/2022	2'	0.00192	0.000865	17.9	609	43.5	670	226
S-61	10/20/2022	2'	0.492	0.0175	134	587	ND	721	272
S-62	10/20/2022	2'	0.581	0.00483	285	1190	ND	1480	257

Table 3
Pad Closure Analytical Data
Bottom of Excavaction

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
	Table 1 Closur .9.15.29 NMA		50 mg/kg	10 mg/kg		combined = mg/kg		2,500 mg/kg	10,000 mg/kg
S-62A	11/9/2022	3'	ND	ND	ND	3110	287	3397	784
S-62B	11/18/2022	4'	ND	ND	13.2	309	22.5	344.7	704
S-63	10/20/2022	2'	0.775	0.0786	189	699	ND	888	184
S-64	10/20/2022	2'	0.190	0.0444	38.8	284	ND	323	216
S-65	10/20/2022	2'	0.911	0.0725	297	1330	ND	1630	232
S-65A	11/9/2022	3'	ND	ND	59.4	2810	196	3065.4	1020
3-03A	11/9/2022	4'	ND	ND	12.3	963	74.5	1049.8	1040
S-66	10/20/2022	2'	0.438	ND	78.1	362	ND	440	331
S-67	11/18/2022	3'	ND	ND	222	7200	470	7892	2280
S-67	4/23/2023	4'	ND	ND	ND	ND	ND	-	1720
S-67	4/23/2023	5'	ND	ND	ND	ND	ND	-	2240
S-68	11/18/2022	3'	ND	ND	145	6120	440	6705	960
S-68	4/23/2023	4'	ND	ND	ND	ND	ND	-	3120
S-68	4/23/2023	5'	ND	ND	ND	ND	ND	-	2520
S-69	11/18/2022	3'	ND	ND	ND	775	ND	775	944
S-71	11/22/2022	3'	ND	ND	ND	8660	978	9638	848
S-71	1/19/2023	4'	ND	ND	ND	311	22.3	333.3	1100
S-72	11/22/2022	3'	ND	ND	68.4	7100	671	7839.4	480
S-72	1/19/2023	4'	ND	ND	ND	170	ND	170	880
S-75	1/19/2023	4'	ND	ND	ND	181	ND	181	656
SSW-6A	10/19/2022	4'	0.0242	0.473	455	3940	1750	6150	154
SSW-6A (1')	11/9/2022	2'	ND	ND	ND	978	106	1084	816

ND = Analyte not detected SSW = South Side Wall

Table 4
Pad Closure Analytical Data
Sidewall Sampling and Horizontal Delineation

			BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chlorides
Sample ID	Sample Date	Depth (BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Table	e 1 Closure Crite NMAC	eria 19.15.29	50 mg/kg	10 mg/kg		RO + MRO = 1		100 mg/kg	600 mg/kg
NSW-1	10/19/2022	3'	ND	ND	ND	57.9	ND	57.9	27.3
NSW-2	10/19/2022	3'	ND	ND	ND	415	ND	415	33.9
NSW-2 (1')	11/9/2022	3'	ND	ND	ND	ND	ND	-	64.0
NSW-3	10/19/2022	3'	ND	ND	ND	19.8	ND	19.8	87.2
NSW-4	10/19/2022	1.5'	ND	ND	15.6	20	ND	35.6	75.5
NSW-5	10/19/2022	1.5'	0.00143	ND	21.4	19.9	ND	41.3	193
NSW-6	10/19/2022	1.5'	0.0242	ND	40.6	163	ND	204	23.0
NSW-6 (1')	11/9/2022	2.5'	ND	ND	ND	ND	ND	-	48.0
NSW-7	10/20/2022	2'	ND	ND	ND	15.2	ND	15.2	118
NSW-8	10/20/2022	2'	ND	ND	48.1	ND	ND	48.1	84.2
NSW-9	11/22/2022	3'	ND	ND	ND	ND	ND	-	176
ESW-1	10/19/2022	1.5'	0.0139	ND	84.4	1150	ND	1234.4	14.1
ESW-1 (2')	11/9/2022	1.5'	ND	ND	ND	ND	ND	-	32.0
ESW-2	11/22/2022	3'	ND	ND	ND	ND	ND	-	368
ESW-2 D	2/8/2023	2'	ND	ND	ND	ND	ND	-	128
ESW-3	2/8/2023	4'	ND	ND	ND	ND	ND	-	64
ESW-3 D	2/8/2023	2'	ND	ND	ND	ND	ND	-	32
SSW-5	10/19/2022	1.5'	0.270	0.0429	22.5	49.6	ND	72.1	96.1
SSW-7	10/19/2022	1.5	0.0162	ND	307	2860	1500	4670	45.8
SSW-7 (2')	11/9/2022	1.5'	ND	ND	ND	16.7	ND	16.7	64.0
SSW-8	10/19/2022	2'	ND	ND	60.9	800	455	1320	327
SSW-8 (2')	11/10/2022	2'	ND	ND	ND	ND	ND	-	128

Table 4
Pad Closure Analytical Data
Sidewall Sampling and Horizontal Delineation

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg			DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table	e 1 Closure Crite NMAC	eria 19.15.29	50 mg/kg	10 mg/kg	DRO + GI	RO + MRO = 10	00 mg/kg	100 mg/kg	600 mg/kg
SSW-9	11/10/2022	2'	ND	ND	ND	19	ND	19	512
WSW-1	10/19/2022	2'	0.0849	ND	44.7	ND	ND	44.7	146
WSW-2	10/19/2022	2'	ND	ND	ND	ND	ND	-	102

Table 5
Pad Delineation Analytical Data
Bottom of Excavation

			BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chlorides
Sample ID	Sample Date	Depth (BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	e 1 Closure Crit NMAC		50 mg/kg	10 mg/kg	DRO + GRO	combined = mg/kg	<i>0.</i> 0	2,500 mg/kg	10,000 mg/kg
Borehole Deli	neation Sample	e Results							
	10/21/2022	10'	ND	ND	ND	38.1	ND	38.1	688
BH-1	10/21/2022	16'	ND	ND	ND	20.5	ND	20.5	272
DII-1	10/21/2022	20'	ND	ND	ND	16.9	ND	16.9	576
	10/21/2022	24'	ND	ND	ND	21.2	ND	21.2	528
Test Trench D	elineation Sam	•							
	11/9/2022	6'	1.05	ND	721	9190	831	10742	1100
T-8	11/9/2022	12'	ND	ND	ND	85.2	10.6	95.8	256
1-0	11/9/2022	15'	ND	ND	ND	80	ND	80.0	1260
	11/9/2022	18.5' R	ND	ND	ND	196	17.8	213.8	1440
Deferment Ar	reas with Vertic	al Delineation	Sample Resul	lts					
S-2	10/19/2022	3'	0.0493	ND	31.3	976	ND	1010	116
S-2A	11/18/2022	4'	ND	ND	ND	2920	152	3072	160
S-2	4 /4 7 /2022	6'	ND	ND	193	9410	723	10326	240
3-2	1/17/2023	8'	ND	ND	ND	439	17.8	456.8	272
6.4	10/10/2022	3'	0.0348	ND	29.0	994	ND	1020	129
S-4	10/19/2022	3 4'	0.0348 ND	ND ND	ND	4050	224	4274	416
S-4A	11/18/2022								
S-4	1/17/2023	6'	ND	ND	ND	18.8	ND	18.8	240
S-5	10/19/2022	3'	0.0231	ND	26.8	1980	ND	2010	106
S-5A	11/18/2022	4'	ND	ND	ND	3670	178	3848	656
S-5	1/17/2023	6'	ND	ND	ND	55.2	ND	55.2	288
S-6	10/19/2022	3'	0.00503	ND	37.7	3370	ND	3410	244
S-6A	11/18/2022	4'	ND	ND	61.8	4990	250	5301.8	272
S-6	1/17/2023	6'	ND	ND	ND	339	10.3	349.3	128
S-7	10/19/2022	3'	0.00657	ND	37.2	1120	ND	1160	172
S-7A	11/18/2022	4'	ND	ND	ND	1290	67.2	1357.2	320

Table 5
Pad Delineation Analytical Data
Bottom of Excavation

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 Tabl	e 1 Closure Crit NMAC	eria 19.15.29	50 mg/kg	10 mg/kg	DRO + GRO	combined = mg/kg	1116/116	2,500 mg/kg	10,000 mg/kg
S-7	1/17/2023	6'	ND	ND	ND	ND	ND	-	464
S-12	10/19/2022	3'	0.135	0.0317	33.7	2030	ND	2060	132
S-12A	11/18/2022	4'	ND	ND	ND	1320	93.5	1413.5	144
S-12	1/17/2023	6'	ND	ND	30.1	554	17.3	601.4	32.0
S-27	10/19/2022	1.5'	ND	ND	224	2550	ND	2770	440
		6'	ND	ND	108	2590	297	2995	528
S-27A	11/9/2022	8'	ND	ND	ND	247	29.9	276.9	624
		10'	ND	ND	ND	108	ND	108	464
S-29	10/19/2022	1.5'	0.0112	ND	226	945	ND	1170	433
S-29A	11/9/2022	2.5'	1.43	ND	178	3210	313	3701	624
S-29B	11/18/2022	4'	ND	ND	51.0	777	ND	828	1010
S-29	1/17/2023	6'	ND	ND	ND	ND	ND	-	1220
3-23	1/17/2023	8'	ND	ND	ND	41.3	ND	41.3	2600
S-32	10/19/2022	1.5'	0.00832	ND	232	1310	ND	1540	70.0
S-32A	11/9/2022	2.5'	0.577	ND	52.7	1680	166	1898.7	80.0
S-32B	11/18/2022	4'	0.830	ND	306	2740	107	3153	48.0
		6'	ND	ND	10.6	274	ND	284.6	32.0
S-32	1/17/2023	8'	ND	ND	23.8	728	31.0	782.8	32.0
		10'	ND	ND	ND	ND	ND	-	32.0
S-70	11/22/2022	3'	ND	ND	ND	9710	1280	10990	592
S-70	1/19/2023	4'	ND	ND	100	3320	249	3669	432
S-70	1/19/2023	5'	1.63	ND	365	7130	553	8048	288
S-70	1/19/2023	6'	0.749	ND	138	3270	241	3649	304
S-70	2/8/2023	8'	ND	ND	ND	ND	ND	-	160
S-73	1/19/2023	4'	ND	ND	58.8	2490	187	2735.8	576

Received by OCD: 6/9/2023 1:20:17 PM

Table 5 Pad Delineation Analytical Data Bottom of Excavation

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 Tabl	e 1 Closure Crit NMAC	eria 19.15.29	50 mg/kg	10 mg/kg		combined = mg/kg		2,500 mg/kg	10,000 mg/kg
S-73	1/19/2023	5'	ND	ND	ND	101	ND	101	656
S-74	1/19/2023	4'	ND	ND	96.8	3170	283	3549.8	464
S-74	1/19/2023	5'	ND	ND	ND	20.8	ND	20.8	704
S-76	1/19/2023	4'	ND	ND	22.7	1360	156	1538.7	496
S-76	1/19/2023	5'	ND	ND	ND	263	13.3	276.3	560
S-77	1/19/2023	4'	ND	ND	121	5780	582	6483	592
S-77	2/8/2023	6'	2.00	ND	250	3820	456	4526	640
S-77	2/8/2023	8'	ND	ND	ND	35.3	ND	35.3	224
S-78	1/19/2023	4'	ND	ND	76.8	3690	300	4066.8	528
S-78	2/8/2023	5'	ND	ND	ND	115	ND	115	208
S-79	1/19/2023	4'	ND	ND	164	5500	486	6150	400
S-79	2/8/2023	5'	ND	ND	ND	ND	ND	-	192
S-80	1/19/2023	4'	ND	ND	67.7	5050	456	5573.7	576
S-80	2/8/2023	6'	2.73	ND	532	9960	872	11364	608
S-80	2/8/2023	8'	ND	ND	ND	412	34.4	446.4	576
S-80	2/8/2023	10'	ND	ND	ND	ND	ND	-	496
S-81	1/19/2023	4'	ND	ND	126	6670	602	7398	496
S-81	1/19/2023	5'	ND	ND	ND	496	44.3	540.3	704
S-82	1/19/2023	4'	ND	ND	127	6960	720	7807	496
S-82	1/19/2023	5'	ND	ND	ND	13.0	ND	13.0	496
S-83	1/19/2023	4'	ND	ND	71.5	5530	629	6230.5	496
S-83	1/19/2023	6'	ND	ND	ND	15.8	ND	15.8	464
S-84	1/19/2023	4'	ND	ND	127	8050	852	9029	768
S-84	1/19/2023	6'	5.72	ND	1590	23400	2070	27060	992

Table 5
Pad Delineation Analytical Data
Bottom of Excavation

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 Tabl	e 1 Closure Crit NMAC	teria 19.15.29	50 mg/kg	10 mg/kg		combined = mg/kg		2,500 mg/kg	10,000 mg/kg
S-84	1/19/2023	8'	0.795	ND	489	10400	893	11782	1220
S-84	1/19/2023	10'	1.97	ND	156	3980	341	4477	1170
S-84	2/8/2023	12'	ND	ND	ND	13.8	ND	13.8	672
S-85	1/19/2023	4'	ND	ND	91.3	10400	1140	11631.3	896
S-85	1/19/2023	5'	ND	ND	ND	27.7	ND	27.7	528
S-86	1/19/2023	4'	ND	ND	120	14000	1550	15670	1310
S-86	1/19/2023	6'	0.962	ND	193	5330	464	5987	816
S-86	1/19/2023	8'	ND	ND	79.0	3250	194	3523	1520
S-86	2/8/2023	10'	ND	ND	ND	438	40.0	478	976
S-86	2/8/2023	12'	ND	ND	ND	ND	ND	-	352
S-87	1/19/2023	4'	ND	ND	10.4	2050	233	2293.4	912
S-87	2/8/2023	6'	ND	ND	ND	ND	ND	-	784
S-87	2/8/2023	8'	ND	ND	ND	ND	ND	-	384
S-87	2/8/2023	10'	ND	ND	ND	ND	ND	-	320
S-88	1/19/2023	4'	ND	ND	12.3	2770	319	3101.3	432
S-88	2/8/2023	5'	ND	ND	ND	ND	ND	-	352

ND = Analyte not detected NSW = North Side Wall ESW = East Side Wall SSW = South Side Wall WSW = West Side Wall

Table 6
Pad Delineation Analytical Data of
Sidewall Samples

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 Tab	le 1 Closure Crito NMAC	eria 19.15.29	50 mg/kg	10 mg/kg	DRO + GI	RO + MRO = 10	00 mg/kg	100 mg/kg	600 mg/kg
TT-89	2/8/2023	2'	ND	ND	ND	ND	ND	-	80.0
NSW-9	11/22/2022	3'	ND	ND	ND	ND	ND	-	176
NSW-9 D	2/8/2023	2'	ND	ND	ND	132	ND	132	656
NSW-10	11/22/2022	3'	ND	ND	66.8	8050	830	8946.8	496
ESW-2	11/22/2022	3'	ND	ND	ND	ND	ND	-	368
ESW-2 D	2/8/2023	2'	ND	ND	ND	ND	ND	-	128
ESW-3	2/8/2023	4'	ND	ND	ND	ND	ND	-	64.0
ESW-3 D	2/8/2023	2'	ND	ND	ND	ND	ND	-	32.0
SSW-1	10/19/2022	3'	0.0203	ND	ND	343	ND	343	99.7
SSW-1 D	2/8/2023	2'	ND	ND	ND	ND	ND	-	96.0
SSW-2	10/19/2022		ND	ND	30.6	1690	ND	1720	317
SSW-2 (2')	2/8/2023	3'	ND	ND	ND	342	33.6	375.6	272
SSW-2 D	2/8/2023	2'	ND	ND	ND	ND	ND	-	784
SSW-3	10/19/2022	3'	ND	ND	30.9	734	ND	765	87.0
SSW-4	2/8/2023	3'	ND	ND	ND	128	19.5	147.5	1200
SSW-6	10/19/2022	4'	0.892	0.0895	854	4800	2140	7790	360
WSW-3	2/8/2023		ND	ND	ND	212	30.6	242.6	256
WSW-3 D	2/8/2023	2'	ND	ND	ND	ND	ND	-	80.0

ND = Analyte not detected D = Delineation NSW = North Side Wall ESW = East Side Wall SSW = South Side Wall WSW = West Side Wall

Edge of Excavated Area (Data below is for delineation purposes)



APPENDIX III

Boring Log
Groundwater Data
Soil Survey
FEMA Flood Map

SOIL BORING / MONITORING WELL LOG

	ECT: <u>Le</u> ECT NU		701048.015.0					DRILLER:					
CLIEN	IT: Aspe	en Oper	ating					DRILLING METHOD: Air Rotary	_				
BORIN	NG / WE	LL NUN	MBER: Temp	Vell				BORE HOLE DIAMETER: 6 3/4"	_				
	L DEPTI												
			N:										
	OGIST:								_				
LAIII	UDE: <u>3</u>	3.47089			Т			LONGITUDE: <u>-103.25351</u> PAGE 1	of 2				
(T			WELL CONSTRUCTION				Z						
ОЕРТН (FT.)	nscs		inc		S		DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	FT)				
PTI	ns	0	STR		J.E	P.E.	X X	DESCRIPTION OF STRATOM] -				
DE		Soil Symbol	ŒLI ON(PID	SAMPLES	SAMPLE INTERVAL	ES(DEPTH (FT)				
		0,0	≥ ∪	Д	Ŝ	ડે ≤	۵≤						
0	SW		E===3					Silty Sand with Caliche, 40% Caliche Nodules, Dry, White.	Н				
	SVV							Silty Sand with Caliche, 40% Caliche Nodules, Dry, White.					
									Ш				
									Ш				
5													
	SW							Silty Sand; 15% Caliche Nodules, Dry, Tan.					
									П				
10									Н				
10	SW							Silty Sand, 10% Caliche Nodules, Dry, Light Brown.	Н				
									Н				
									Н				
									Н				
									Н				
15			FEEE						Н				
									Ш				
			EEEE						Ш				
20									Ш				
									П				
									П				
25									П				
20	SW							Fine Grained, Dry, White to Light, Tan, Sandstone.	П				
									Н				
									\vdash				
									Н				
									\vdash				
30									Н				
DEN 4	ADVO	The h	orehole was adv	anced to	55'	helow a	round eu	rface (bgs). A 2-inch diameter temporary well was					
KEIVI	ARKS:	constru	ucted of schedule	40 PVC	thre	ad coupl	ed to 10-	feet of slotted well screen was installed in the open	VI I				
		absend	ce of groundwate	r. The tem				evel meter was utilized to determine the presence or subsequently removed and the bore hole backfilled					
		with ho	ole plug and hydra	ited.				風					

SOIL BORING / MONITORING WELL LOG

	ECT: Le														
			701048.015.0						_						
	IT: Aspe			A/- II					-						
	NG / WE L DEPTI		MBER: Temp						-						
			DN:						-						
	OGIST:							DATE DDULED 40/04/0000	-						
	UDE: 3							LONGITUDE: -103.25351 PAGE 2 0	— of 2						
			N O						П						
ОЕРТН (FT.)			CTIC				NO								
E	nscs		RU(S	∀	P. A.	DESCRIPTION OF STRATUM	팂						
ĒP.	\supset	poq	L \ST		딢	IPL	S'S'		티티						
		Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL		DEPTH (FT						
									\vdash						
			FEEE						Н						
									Н						
									Н						
_									Н						
35	SW							Fine Grained, 10% Caliche Nodules, Cemented, Dry, Light Tan,	Н						
								Limestone.	Н						
									Н						
									Н						
									Н						
40	SW							Fine Grained, Dry, Pinkish Brown, Sandstone.	Н						
	300							The Grained, Dry, Finkish blown, Sandstone.	Ш						
									Ш						
									Ш						
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45									Ш						
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									Ш						
50															
	SW							Fine Grained, Dry, Medium Brown, Sandstone.	П						
									П						
									П						
									П						
55							55'		Н						
33					T		JJ	Bottom of Hole - Groundwater Not Encountered.	\forall						
									H						
									\vdash						
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60									Н						
-									Н						
DEN4	A DIZO:	Thomas	orehole was advi	anced to	55'	helow a	ound ou	face (bgs). A 2-inch diameter temporary well was	닠						
KEIVI	ARKS:	constru	icted of schedule	40 PVC	threa	ad couple	ed to 10-	feet of slotted well screen was installed in the open	u						
		absend	e of groundwater	. The tem				vel meter was utilized to determine the presence or subsequently removed and the bore hole backfilled							
		with ho	le plug and hydra	ted.				翔.							

Received by OCD: 6/9/2023 1:20:17 PM KEY TO SYMBOLS

Symbol Description

Strata symbols



Well graded sand

Monitor Well Details



Plugged Soil Boring

Released to Imaging: 9/12/2023 10:39:29 AM



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

		Sub-		Q	Q	Q								•	Water
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	DistanceDep	thWellDep	thWater C	Column
L 11951 POD1		L	LE	3	3	2	08	10S	36E	659998	3703794	2588	110	75	35
L 14198 POD1		L	LE	1	3	1	22	10S	36E	662436	3700992	3832			
L 14107 POD1		L	LE	3	4	4	18	10S	35E	658821	3701464	4889	117	90	27

Average Depth to Water:

82 feet

Minimum Depth:

75 feet

Maximum Depth:

90 feet

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 662372.52 **Northing (Y):** 3704824.73 **Radius:** 5000

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.

7/18/22 1:28 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons

Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

 \odot

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

Lava Flow Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at Spoil Area 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 18, Sep 10, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 5, 2021—Feb 8, 2021

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.

Water Features

â

Δ

Streams and Canals

Special Line Features

Transportation

+++

Rails

Interstate Highways

US Routes

Stony Spot

Wet Spot

Other

Very Stony Spot

Major Roads

2

Local Roads

Background

Aerial Photography

Lea County, New Mexico

BO—Brownfield-Springer association

Map Unit Setting

National map unit symbol: dmpj Elevation: 3,500 to 4,400 feet

Mean annual precipitation: 12 to 16 inches
Mean annual air temperature: 58 to 60 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Brownfield and similar soils: 60 percent Springer and similar soils: 30 percent Minor components: 10 percent

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

Description of Brownfield

Setting

Landform: Plains

Landform position (three-dimensional): Rise

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

Parent material: Eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 22 inches: fine sand

Bt - 22 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 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): 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

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

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Moderate (about 7.0 inches)

Interpretive groups

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

Hydrologic Soil Group: B

Ecological site: R077DY046TX - Sandy 12-17" PZ

Hydric soil rating: No

Description of Springer

Setting

Landform: Plains

Landform position (three-dimensional): Rise

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

Parent material: Eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 14 inches: loamy fine sand Bt - 14 to 60 inches: fine sandy loam Bk - 60 to 79 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 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): Moderately high to high

(0.60 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 20 percent

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

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Moderate (about 7.1 inches)

Interpretive groups

Land capability classification (irrigated): 4e Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: A

Ecological site: R077DY046TX - Sandy 12-17" PZ

Hydric soil rating: No

Minor Components

Patricia

Percent of map unit: 4 percent

Ecological site: R077CY056NM - Sandy Plains

Hydric soil rating: No

Amarillo

Percent of map unit: 4 percent

Ecological site: R077CY035TX - Sandy 16-21" PZ

Hydric soil rating: No

Gomez

Percent of map unit: 1 percent

Ecological site: R077CY056NM - Sandy Plains

Hydric soil rating: No

Tivoli

Percent of map unit: 1 percent

Ecological site: R077DY046TX - Sandy 12-17" PZ

Hydric soil rating: No

SA—Sharvana loamy fine sand, dry

Map Unit Setting

National map unit symbol: 2tw38 Elevation: 2,500 to 4,600 feet

Mean annual precipitation: 14 to 16 inches Mean annual air temperature: 57 to 63 degrees F

Frost-free period: 180 to 220 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Sharvana, dry, and similar soils: 85 percent

Minor components: 15 percent

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

Description of Sharvana, Dry

Setting

Landform: Playa rims, plains
Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Calcareous loamy eolian deposits

Typical profile

A - 0 to 7 inches: loamy fine sand Bt - 7 to 18 inches: fine sandy loam

Bkkm - 18 to 28 inches: cemented material BCkk - 28 to 80 inches: gravelly sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 8 to 22 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

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

low (0.00 to 0.01 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 90 percent

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

Sodium adsorption ratio, maximum: 5.0

Available water supply, 0 to 60 inches: Very low (about 2.3 inches)

Interpretive groups

Land capability classification (irrigated): 4s Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: D

Ecological site: R077DY049TX - Very Shallow 12-17" PZ

Forage suitability group: Unnamed (G077DH000TX)
Other vegetative classification: Unnamed (G077DH000TX)

Hydric soil rating: No

Minor Components

Eunice

Percent of map unit: 8 percent

Landform: Plains

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

Ecological site: R077DY049TX - Very Shallow 12-17" PZ

Hydric soil rating: No

Douro

Percent of map unit: 4 percent

Landform: Plains

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

Ecological site: R077DY046TX - Sandy 12-17" PZ

Hydric soil rating: No

Amarose

Percent of map unit: 3 percent

Landform: Plains

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

Ecological site: R077DY046TX - Sandy 12-17" PZ

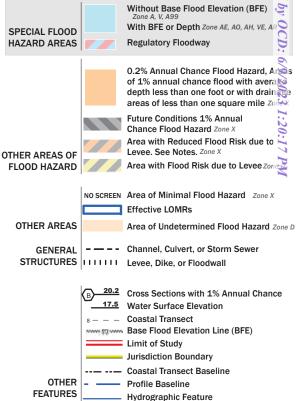
Hydric soil rating: No



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



MAP PANELS

No Digital Data Available

Digital Data Available

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 5/31/2023 at 10:56 AM 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 IV

C-141 Forms

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

Responsible Party: Aspen Operating Company LLC

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	nAPP2214652359
District RP	
Facility ID	30-025-33350
Application ID	

Release Notification

Responsible Party

OGRID: 217598

Contact Name: Michael	Wilson			Contact Telephone: 817-455-2311				
Contact email: mwilson@	aspen-oil.com			Incident # ((assigned by OCD): nAPP2214652359			
Contact mailing address: Worth, TX 76116	6777 Camp Bow	ie Blvd., Ste. 600	For€					
Latitude: 33.4707451	Longitude <u>-103.2</u>	2526855 (location	n of sou	celease So				
Site Name: Lewis #1	11			Site Type: F	Production Battery			
Date Release Discovered:	5/26/2022			API# (if appl	licable) 30-025-33350			
Unit Letter Section	Township	Range		Count	ty			
M 03	10S	36E	Lea					
Materia				lume of R	justification for the volumes provided below)			
Crude Oil	Volume Release				Volume Recovered (bbls)0			
☐ Produced Water	Volume Release	ed (bbls) 130 bbls	3		Volume Recovered (bbls) 130			
	Is the concentra produced water	tion of dissolved >10,000 mg/l?	chloride	e in the	⊠ Yes □ No			
Condensate	Volume Release				Volume Recovered (bbls)			
Natural Gas	Volume Release	ed (Mcf)3.8			Volume Recovered (Mcf)0			
Other (describe)	Volume/Weight	t Released (provid	le units))	Volume/Weight Recovered (provide units)			
Cause of Release: Tank of	overflow.							

Form C-141 Page 2

State of New Mexico Oil Conservation Division

Incident ID	nAPP2214652359
District RP	
Facility ID	30-025-33350
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release? The Produced Water release was >50 bbl
☐ Yes ⊠ No	
If VES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	en by Aspen Operating Company, Michael Wilson 5/26/2022 Via the NMOCD online portal.
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.
The impacted area ha	s been secured to protect human health and the environment.
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
has begun, please attach	IAC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are public health or the environi failed to adequately investig	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Mich	ael Wilson Title: Production Manager/HSE Coordinator
Signature:	Date: <u>7/18/2022</u>
email:mwilson@asp	pen-oil.com Telephone:817-455-2311
OCD Only	
Received by:Jocelyn	Harimon Date: <u>07/25/2022</u>

	Page 46 of 44
Incident ID	nAPP2214652359
District RP	
Facility ID	30-025-33350
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 point ☐ Estimated volume of material to be remediated ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.1 ☐ Proposed schedule for remediation (note if remediation plan times)	s 2(C)(4) NMAC
Deferral Requests Only: Each of the following items must be com	firmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	
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. Printed Name: Michael Wilson Signature: mwilson@aspen-oil.cum mwilson@aspen-oil.cum	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 responsibility for compliance with any other federal, state, or local laws Title: Production Manager/HSE Coordinator Date: 5/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3
OCD Only	
Received by:	Date:
☐ Approved ☐ Approved with Attached Conditions of	Approval
Signature: Nelson Velez	Date: 09/12/2023

Kayla Taylor

From: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov>

Sent: Monday, November 21, 2022 9:13 AM

To: Kayla Taylor

Cc: Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD

Subject: RE: [EXTERNAL] 48 hr notice for confirmation sampling at Aspen Lewis #1 nAPP2214652359

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

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http://www.emnrd.nm.gov



From: Kayla Taylor < ktaylor@talonlpe.com> Sent: Friday, November 18, 2022 3:33 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: David J. Adkins <dadkins@talonlpe.com>; Matthew Gomez <mgomez@talonlpe.com>; Chad Hensley

<chensley@talonlpe.com>

Subject: [EXTERNAL] 48 hr notice for confirmation sampling at Aspen Lewis #1 nAPP2214652359

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

All,

Confirmation samples will be collected for incident nAPP2214652359 at facility ID 30-025-33350 on Tuesday, November 22, 2022 at 2pm.

If you need directions to the site, have any questions or concerns regarding this notification, please give me a call at <u>432-210-5443</u>.

Get Outlook for iOS

Kayla Taylor

From: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov>

Sent: Monday, February 6, 2023 2:58 PM

To: Kayla Taylor; Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD

Subject: RE: [EXTERNAL] 48 hr notice for confirmation sampling at Aspen Lewis #1 nAPP2214652359

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

Kayla,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Jocelyn

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http://www.emnrd.nm.gov



From: Kayla Taylor < ktaylor@talonlpe.com> Sent: Monday, February 6, 2023 12:49 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] 48 hr notice for confirmation sampling at Aspen Lewis #1 nAPP2214652359

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

All,

Confirmation samples will be collected for incident nAPP2214652359 at facility ID 30-025-33350 on Wednesday, February 8, 2023 at 1pm.

If you need directions to the site, have any questions or concerns regarding this notification, please give me a call at <u>432-</u>210-5443.

Kayla Taylor Project Manager

Office: 432.522.2133 x504 Direct: 432.253.7114 Cell: 432.210.5443 Fax: 432.522.2180 Emergency: 866.742.0742 Web: www.talonlpe.com



At Talon/LPE, we are quality in all things, including communication. Have a question? Need a quote? Send an email to <u>clientrelations@talonlpe.com</u>.



APPENDIX V

Photographic Documentation





Photograph No.1 Description:

Impact of Pad Area



Photograph No.2 Description:

Impact of Pad Area



Photograph No.3 Description:

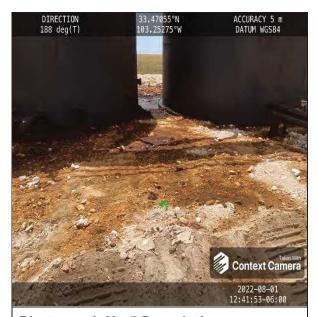
Wellhead area Impact



Photograph No.4 Description:

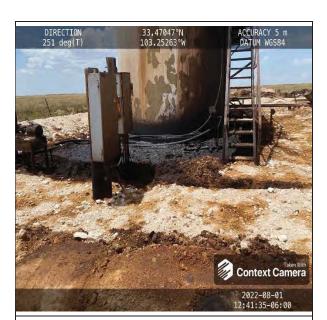
Location of BH-1 Assessment Sample





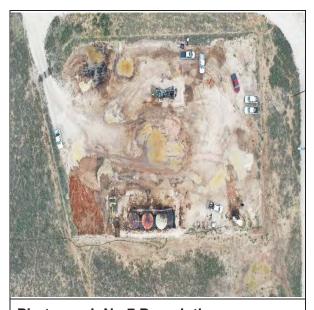
Photograph No.5 Description:

Area of BH-2 Assessment Sample



Photograph No.6 Description:

Area of BH-5 Assessment Sample



Photograph No.7 Description:

Aerial View of Impacted Area.



Photograph No.8 Description:

Pad Excavation





Photograph No.9 Description:

Pad Excavation



Photograph No.10 Description:

Pad Excavation



Photograph No.11 Description:

Pad Excavation



Photograph No.12 Description:

Pad Excavation





Photograph No.13 Description:

Pad Excavation



Photograph No.14 Description:

Pasture Excavation



Photograph No.15 Description:

Backfilled Pad



Photograph No.16 Description:

Backfilled Pad





Photograph No.17 Description:

Backfilled Pasture



Photograph No.18 Description:

Backfilled Pad



APPENDIX VI

Laboratory Reports



August 06, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LEWIS UNIT #01

Enclosed are the results of analyses for samples received by the laboratory on 08/03/22 11:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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)

Celey D. Keene

Accreditation applies to public drinking water matrices.

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



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 08/03/2022
 Sampling Date:
 08/01/2022

 Reported:
 08/06/2022
 Sampling Type:
 Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

A ... - b ... - d D. .. 311 /

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 1 1' (H223470-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2022	ND	2.06	103	2.00	3.28	
Toluene*	2.82	0.050	08/05/2022	ND	2.11	106	2.00	2.80	GC-NC1
Ethylbenzene*	0.945	0.050	08/05/2022	ND	2.11	105	2.00	3.38	GC-NC1
Total Xylenes*	10.5	0.150	08/05/2022	ND	6.41	107	6.00	3.05	GC-NC1
Total BTEX	14.3	0.300	08/05/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	381	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1820	100	08/05/2022	ND	215	107	200	4.90	
DRO >C10-C28*	21400	100	08/05/2022	ND	208	104	200	9.54	
EXT DRO >C28-C36	2340	100	08/05/2022	ND					
Surrogate: 1-Chlorooctane	670 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	1910	% 42.5-16	1						

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S-04



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: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 1 7' R (H223470-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2022	ND	2.06	103	2.00	3.28	GC-NC
Toluene*	2.32	0.050	08/05/2022	ND	2.11	106	2.00	2.80	GC-NC1
Ethylbenzene*	1.03	0.050	08/05/2022	ND	2.11	105	2.00	3.38	GC-NC1
Total Xylenes*	8.39	0.150	08/05/2022	ND	6.41	107	6.00	3.05	GC-NC1
Total BTEX	11.7	0.300	08/05/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	289	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1580	50.0	08/05/2022	ND	215	107	200	4.90	
DRO >C10-C28*	5290	50.0	08/05/2022	ND	208	104	200	9.54	
EXT DRO >C28-C36	221	50.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	377	% 43-149)						
Surrogate: 1-Chlorooctadecane	240	% 42.5-16	1						

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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: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: ASPEN OIL - LEA COUNTY, NM

ma/ka

Sample ID: BH - 2 1' (H223470-03)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					5-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2022	ND	2.06	103	2.00	3.28		
Toluene*	0.848	0.050	08/05/2022	ND	2.11	106	2.00	2.80	GC-NC1	
Ethylbenzene*	0.772	0.050	08/05/2022	ND	2.11	105	2.00	3.38	GC-NC1	
Total Xylenes*	7.28	0.150	08/05/2022	ND	6.41	107	6.00	3.05	GC-NC1	
Total BTEX	8.90	0.300	08/05/2022	ND					GC-NC1	
Surrogate: 4-Bromofluorobenzene (PID	368	% 69.9-14	0							
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	08/05/2022	ND	416	104	400	3.77		
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	718	50.0	08/05/2022	ND	215	107	200	4.90		
DRO >C10-C28*	9390	50.0	08/05/2022	ND	208	104	200	9.54		
EXT DRO >C28-C36	988	50.0	08/05/2022	ND						
Surrogate: 1-Chlorooctane	339	% 43-149)							
Surrogate: 1-Chlorooctadecane	820	% 42.5-16	1							

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 2 3' R (H223470-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2022	ND	2.06	103	2.00	3.28	
Toluene*	<0.050	0.050	08/05/2022	ND	2.11	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/05/2022	ND	2.11	105	2.00	3.38	
Total Xylenes*	< 0.150	0.150	08/05/2022	ND	6.41	107	6.00	3.05	
Total BTEX	<0.300	0.300	08/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	215	107	200	4.90	
DRO >C10-C28*	157	10.0	08/05/2022	ND	208	104	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	123 9	42.5-16	1						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Sample Received By: Project Number: 701048.015.01 Shalyn Rodriguez

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 3 1' (H223470-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2022	ND	2.06	103	2.00	3.28	
Toluene*	<0.050	0.050	08/05/2022	ND	2.11	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/05/2022	ND	2.11	105	2.00	3.38	
Total Xylenes*	<0.150	0.150	08/05/2022	ND	6.41	107	6.00	3.05	
Total BTEX	<0.300	0.300	08/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	215	107	200	4.90	
DRO >C10-C28*	207	10.0	08/05/2022	ND	208	104	200	9.54	
EXT DRO >C28-C36	14.7	10.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	107 9	% 42.5-16	1						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: ASPEN OIL - LEA COUNTY, NM

mg/kg

Sample ID: BH - 3 3' R (H223470-06)

BTEX 8021B

				. , . ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2022	ND	2.06	103	2.00	3.28	
Toluene*	<0.050	0.050	08/05/2022	ND	2.11	106	2.00	2.80	
Ethylbenzene*	<0.050	0.050	08/05/2022	ND	2.11	105	2.00	3.38	
Total Xylenes*	<0.150	0.150	08/05/2022	ND	6.41	107	6.00	3.05	
Total BTEX	<0.300	0.300	08/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	215	107	200	4.90	
DRO >C10-C28*	<10.0	10.0	08/05/2022	ND	208	104	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	78.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	92.5	% 42.5-16	1						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: ASPEN OIL - LEA COUNTY, NM

ma/ka

Sample ID: BH - 4 1' (H223470-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2022	ND	2.06	103	2.00	3.28	
Toluene*	0.283	0.050	08/05/2022	ND	2.11	106	2.00	2.80	GC-NC1
Ethylbenzene*	0.210	0.050	08/05/2022	ND	2.11	105	2.00	3.38	GC-NC1
Total Xylenes*	1.81	0.150	08/05/2022	ND	6.41	107	6.00	3.05	GC-NC1
Total BTEX	2.31	0.300	08/05/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	162	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	384	100	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	13800	100	08/05/2022	ND	229	115	200	5.68	QM-07
EXT DRO >C28-C36	1780	100	08/05/2022	ND					
Surrogate: 1-Chlorooctane	215	% 43-149)						
Surrogate: 1-Chlorooctadecane	343	% 42.5-16	1						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Sample Received By: Project Number: 701048.015.01 Shalyn Rodriguez

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 4 3' R (H223470-08)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2022	ND	2.06	103	2.00	2.93	
Toluene*	<0.050	0.050	08/05/2022	ND	2.14	107	2.00	3.10	
Ethylbenzene*	<0.050	0.050	08/05/2022	ND	2.14	107	2.00	2.50	
Total Xylenes*	<0.150	0.150	08/05/2022	ND	6.48	108	6.00	1.53	
Total BTEX	<0.300	0.300	08/05/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	35.8	10.0	08/05/2022	ND	229	115	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 43-149							
Surrogate: 1-Chlorooctadecane	103 9	42.5-16	1						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: ASPEN OIL - LEA COUNTY, NM

ma/ka

Sample ID: BH - 5 1' (H223470-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2022	ND	2.06	103	2.00	2.93	
Toluene*	0.516	0.050	08/06/2022	ND	2.14	107	2.00	3.10	GC-NC1
Ethylbenzene*	0.618	0.050	08/06/2022	ND	2.14	107	2.00	2.50	GC-NC1
Total Xylenes*	6.41	0.150	08/06/2022	ND	6.48	108	6.00	1.53	GC-NC1
Total BTEX	7.54	0.300	08/06/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	323	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	354	50.0	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	7200	50.0	08/05/2022	ND	229	115	200	5.68	
EXT DRO >C28-C36	803	50.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	165	% 43-149)						
Surrogate: 1-Chlorooctadecane	137	% 42.5-16	1						

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S-04



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: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 5 3' R (H223470-10)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2022	ND	2.04	102	2.00	7.70	
Toluene*	0.457	0.050	08/05/2022	ND	2.13	107	2.00	7.71	GC-NC1
Ethylbenzene*	0.332	0.050	08/05/2022	ND	2.16	108	2.00	7.82	GC-NC1
Total Xylenes*	3.97	0.150	08/05/2022	ND	6.66	111	6.00	8.23	GC-NC1
Total BTEX	4.75	0.300	08/05/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	240	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	734	50.0	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	8420	50.0	08/05/2022	ND	229	115	200	5.68	
EXT DRO >C28-C36	747	50.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	233	% 43-149)						
Surrogate: 1-Chlorooctadecane	154	% 42.5-16	1						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: ASPEN OIL - LEA COUNTY, NM

ma/ka

Sample ID: BH - 6 1' (H223470-11)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a BA: TH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	7.70	
Toluene*	<0.050	0.050	08/04/2022	ND	2.13	107	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	7.82	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.66	111	6.00	8.23	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	41.9	10.0	08/05/2022	ND	229	115	200	5.68	
EXT DRO >C28-C36	10.0	10.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	100	% 43-149)						
Surrogate: 1-Chlorooctadecane	101	% 42.5-16	1						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 6 3' R (H223470-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	7.70	
Toluene*	<0.050	0.050	08/04/2022	ND	2.13	107	2.00	7.71	
Ethylbenzene*	< 0.050	0.050	08/04/2022	ND	2.16	108	2.00	7.82	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.66	111	6.00	8.23	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	08/05/2022	ND	229	115	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	102 9	6 43-149)						
Surrogate: 1-Chlorooctadecane	102 9	6 42.5-16	1						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BG - 1 0' (H223470-13)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	7.70	
Toluene*	<0.050	0.050	08/04/2022	ND	2.13	107	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	7.82	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.66	111	6.00	8.23	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	<10.0	10.0	08/05/2022	ND	229	115	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	100	% 43-149)						
Surrogate: 1-Chlorooctadecane	97.6	% 42.5-16	1						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: Sampling Type: Soil 08/06/2022

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Sample Received By: Project Number: 701048.015.01 Shalyn Rodriguez

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BG - 2 0' (H223470-14)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	7.70	
Toluene*	<0.050	0.050	08/04/2022	ND	2.13	107	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	7.82	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.66	111	6.00	8.23	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	76.7	10.0	08/05/2022	ND	229	115	200	5.68	
EXT DRO >C28-C36	36.5	10.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	104	% 42.5-16	1						

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Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: ASPEN OIL - LEA COUNTY, NM

ma/ka

Sample ID: BG - 3 0' (H223470-15)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	7.70	
Toluene*	<0.050	0.050	08/04/2022	ND	2.13	107	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	7.82	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.66	111	6.00	8.23	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	12.3	10.0	08/05/2022	ND	229	115	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	96.7	% 42.5-16	1						

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Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 08/03/2022 Sampling Date: 08/01/2022

Reported: 08/06/2022 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Sample Received By: Project Number: 701048.015.01 Shalyn Rodriguez

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BG - 4 0' (H223470-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/04/2022	ND	2.04	102	2.00	7.70	
Toluene*	<0.050	0.050	08/04/2022	ND	2.13	107	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.16	108	2.00	7.82	
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.66	111	6.00	8.23	
Total BTEX	<0.300	0.300	08/04/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/05/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	220	110	200	7.48	
DRO >C10-C28*	132	10.0	08/05/2022	ND	229	115	200	5.68	
EXT DRO >C28-C36	66.4	10.0	08/05/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	101 9	% 42.5-16	1						

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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

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† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

	(575) 393-2326 FAX (575) 393-2476					ANALYSIS R	REQUEST	
Company Name: Talon LPE	Talon LPE	1 112	BILL 10		-	- 1		
Project Manager: R. Pons	r. R. Pons	0,0	P.O. #:					
Address: 408	408 W. Texas Ave		Company:				_	
city: Artesia	a state: NM	zip: 88210 A	Attn:				_	
m I			Address:					
Project #: 701048.015.01	1	Project Owner: Aspen Oil c	City:					
Project Name: L	#01		State: Zip:					
Project Location	Project Location: Lea County, NM	סר	Phone #:					
Sampler Name:	J. Carnes, A. Parra	F	1					
FOR LAB USE ONLY		RS TER	PRESERV. SAWIT LING					
Lab I.D.	Sample I.D.	(G)RAB OR (C) # CONTAINER GROUNDWAT WASTEWATER SOIL OIL SLUDGE	OTHER:	Chi	BTE			
1000	BH-1 1'	- K	X 8-1-32 1	12:05 X	X			
V-	BH-1 7'R		-	12:15				
2US	BH-2 1'			12:30				
h	BH-2 3' R			CCT				
S	BH-3 1'			04.40				
6	BH-3 3' R			00,1	-			
7	BH-4 1'			17:00				
20				10.01				
2				11:52	-			-
PLEASE NOTE: Liability analyses. All claims. Inclu	(L) BH-5 3 K PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any dairn arising whether based in contract or lock, shall be limited to the amount policity the client's exclusive remedy for any dairn arising whether based in contract or lock, shall be limited to the amount policity the client's exclusive pleases. The please is not please that the please and any other cause whatboever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable pleases. All claims including those for negligence and any other cause whatboever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable pleases. All claims including those for negligence and any other cause whatboever shall be deemed where these made in writing and received by Cardinal within 30 days after completion of the applicable pleases. All claims including those for negligence and any other cause whatboever shall be deemed where the sense in the please of the pleas	serifs exclusive remedy for any claim arising whether based in contract or lost, shall be limited to the amount paid by the client for the cause whitatocever shall be deemed waived unless made in writing and received by Cardinal within 50 days after competion of the archeological production of the participant of the cause whitatocever shall be deemed waived unless made in writing and received by Cardinal within 50 days after competion of the archeological production of the participant of the participan	ract or toot, shall be limited to the amount paid b and received by Cardinal within 30 days after or his, loss of use, or loss of profits incurred by clien	art paid by the dient for the ys after completion of the applicable of by client, its subsidiaries.	8			
Relinquished By:	out of or related to the performance.	Received By: Received By: Received By:	based upon any of the above stated ready	Phone Result: Fax Result: REMARKS:	□ Yes □ No	Add'l Phone #: Add'l Fax #:		
Delivered B	-3/35.0	Sample Condition Cool Intact	ion CHECKED BY:		5 2			
Sampler - UP	-0	# IV	000	04 1	27 +			

Page 19 of 20



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476		ANALYSIS REQUEST
Company Name: Talon LPE	BILL TO	- 1
Project Manager: R. Pons	P.O. #	
Address: 408 W. Texas Ave	Company:	
city: Artesia state: NM zip:	p: 88210 Attn:	
e#: 575.746.8768	Address:	
Project #: 701048.015.01 Project Owner: Aspen Oil	spen Oil city:	
#01	State: Zip:	
Project Location: Lea County, NM	Phone #:	
Sampler Name: Carnes A. Parra		
Sampler Name: J. Califes, A. Faira	ESERV. SAMPLING	
Lab I.D. Sample I.D. CC. OMP.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX
M BH-6 1'	X X 8-1-32 11:40 X	
/3 BG-1 0'	1.05	
BG-2	0/:/	
BG-3	1,75	
PLEASE NOTE: Liability and Damages. Caudinat's liability and clerifs exclusive remosty for any analyses. All claims including those for negligance and any other cause whatoever shall be detained in the control of control of the con	mount paid by to days after com ourred by client,	5
Relinquished By: Relinquished By: Relinquished By: Relinquished By: Time: Relinquished By: Relinquished By: Time: Relinquished By:	Received By: Received By: Received By: Received By: Received By: Received By:	☐ Yes ☐ No Add'I Phone #: ☐ Yes ☐ No Add'I Fax #:
Delivered By: (Circle One) 0,500-0.40	Sample Condition CHECKED BY: Cool Intact C	of 2
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	fax written changes to (575) 393-2326	

Page 20 of 20



November 16, 2022

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1 - PASTURE

Enclosed are the results of analyses for samples received by the laboratory on 11/10/22 16:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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. Keene

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



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022 11/16/2022 Soil

Reported: Sampling Type: ASPEN LEWIS #1 - PASTURE

** (See Notes) Project Name: Sampling Condition: Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: P - 1 (1') (H225353-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	QM-07
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/14/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	<10.0	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	63.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	68.5	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: P - 1 (2') (H225353-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	< 0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	<10.0	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	122	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	130	% 46.3-17	8						

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Celeg D. Freene



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 1H

Project Location: TATUM, NM

ma/ka

Sample ID: P - 1 (3') (H225353-03)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a BA: TH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	<10.0	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	72.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.7	% 46.3-17	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: P - 1 (4') (H225353-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	<10.0	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	60.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	65.0	% 46.3-17	78						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 1H

Project Location: TATUM, NM

ma/ka

Sample ID: P - 2 (1') (H225353-05)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a BA: TH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	1690	50.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	296	50.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	143	% 46.3-17	8						

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Celeg D. Freene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: Sampling Type: Soil 11/16/2022

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes) Tamara Oldaker Project Number: NONE GIVEN Sample Received By:

Project Location: TATUM, NM

Sample ID: P - 2 (2') (H225353-06)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	GC-NC
Ethylbenzene*	2.03	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	GC-NC1
Total Xylenes*	1.49	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	GC-NC1
Total BTEX	3.52	0.300	11/14/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	260 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	475	50.0	11/14/2022	ND	238	119	200	3.81	QM-07
DRO >C10-C28*	4800	50.0	11/14/2022	ND	218	109	200	5.43	QM-07
EXT DRO >C28-C36	474	50.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	157 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	253 9	% 46.3-17	8						

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Celeg D. Keene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: Sampling Type: Soil 11/16/2022

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes) Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: P - 2 (3') (H225353-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	GC-NC
Ethylbenzene*	0.388	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	GC-NC1
Total Xylenes*	0.295	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	GC-NC1
Total BTEX	0.683	0.300	11/14/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	150 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	89.1	10.0	11/14/2022	ND	238	119	200	3.81	
DRO >C10-C28*	1050	10.0	11/14/2022	ND	218	109	200	5.43	
EXT DRO >C28-C36	152	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	114 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	46.3-17	8						

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Celeg D. Keene



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: P - 2 (4') (H225353-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	238	119	200	3.81	
DRO >C10-C28*	153	10.0	11/15/2022	ND	218	109	200	5.43	
EXT DRO >C28-C36	12.5	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	120	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	128	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: Sampling Type: Soil 11/16/2022

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes) Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: P - 3 (1') (H225353-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.01	100	2.00	5.98	
Toluene*	<0.050	0.050	11/14/2022	ND	2.15	107	2.00	5.30	
Ethylbenzene*	0.101	0.050	11/14/2022	ND	2.08	104	2.00	4.23	GC-NC1
Total Xylenes*	0.858	0.150	11/14/2022	ND	6.33	106	6.00	4.08	GC-NC1
Total BTEX	0.959	0.300	11/14/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	129 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	67.1	10.0	11/14/2022	ND	238	119	200	3.81	
DRO >C10-C28*	821	10.0	11/14/2022	ND	218	109	200	5.43	
EXT DRO >C28-C36	61.7	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	121 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	131 9	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: Sampling Type: Soil 11/16/2022

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes) Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: P - 3 (2') (H225353-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.01	100	2.00	5.98	
Toluene*	<0.050	0.050	11/14/2022	ND	2.15	107	2.00	5.30	
Ethylbenzene*	0.083	0.050	11/14/2022	ND	2.08	104	2.00	4.23	GC-NC1
Total Xylenes*	0.685	0.150	11/14/2022	ND	6.33	106	6.00	4.08	GC-NC1
Total BTEX	0.768	0.300	11/14/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	72.9	10.0	11/14/2022	ND	238	119	200	3.81	
DRO >C10-C28*	790	10.0	11/14/2022	ND	218	109	200	5.43	
EXT DRO >C28-C36	59.2	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	123 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	132 9	% 46.3-17	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes)

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: P - 3 (3') (H225353-11)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.01	100	2.00	5.98	
Toluene*	<0.050	0.050	11/14/2022	ND	2.15	107	2.00	5.30	
Ethylbenzene*	0.145	0.050	11/14/2022	ND	2.08	104	2.00	4.23	GC-NC1
Total Xylenes*	1.34	0.150	11/14/2022	ND	6.33	106	6.00	4.08	GC-NC1
Total BTEX	1.48	0.300	11/14/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	152	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	89.6	10.0	11/14/2022	ND	238	119	200	3.81	
DRO >C10-C28*	1010	10.0	11/14/2022	ND	218	109	200	5.43	
EXT DRO >C28-C36	80.6	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	124	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	134	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: Sampling Type: Soil 11/16/2022

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: ** (See Notes) Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: P - 3 (4') (H225353-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.01	100	2.00	5.98	
Toluene*	<0.050	0.050	11/14/2022	ND	2.15	107	2.00	5.30	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	2.08	104	2.00	4.23	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	6.33	106	6.00	4.08	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/14/2022	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	238	119	200	3.81	
DRO >C10-C28*	<10.0	10.0	11/14/2022	ND	218	109	200	5.43	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	101 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	6 46.3-17	8						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name: Talon I	LPE	BILL TO	ANALYSIS REQUEST
0	Adkins		
0. 1	exas Ave	Company:	
city: Artesia	State: N M Zip:	Attn:	
Phone #:	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name: ASpen Lewis	4	State: Zip:	
Project Location: Tatum,	MN	Phone #:	
Sampler Name: K. Taylo	5	Fax #:	
FOR LAB USE ONLY		SERV.	SAMPLING
Lab I.D. Sample I.D.	(G)RAB OR (C)OME # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER;	BTEX TPH Chlorid
1 P-1 (1')	1 1		1343 X X X
2 P-1 (31)	9		1345
4 P-1 (H')	9 1		1352
2 P-2 (1')	<u> </u>		1327
7 P-2 (3')	2 2		1328
8 P-2 (41)	29-		1338
10 P-3 (2')	02	2	38V V
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Religioushed By:	Pate: 1-10-22	Makke	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:
kelinduisned By:	Date: Received By:		REMARKS:
Delivered By: (Circle One)	Observed Temp. °C 24.5 Sample Condition	Q.	ly) S
Sampler - UPS - Bus - Other:		es (initials)	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:				
Project Manager:		P.O.#:		ANALYSIS REQUEST
Address:		Company:		
City: State:	Zip:	Attn:		
Phone #: Fax #:		Address:		
Project #: Project Owner:		City:		
Project Name: ASpen Lewis #1-	Pasture	State: Zip:		
Project Location: Tatum, NIA		*		
Sampler Name: K. Taylor		Fax #:		
FOR LAB USE ONLY	S ER	PRESERV. SAN		
H225353	# CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	BTEX TPH Chlori	
12 P-3 (41)	69	11-10-22	2 1322 2 1322 2 1325 2 14 14 14 14 14 14 14 14 14 14 14 14 14	
analyses. All claims including those for negligence and any other successors enterly for any demand arising whether based in contract or for, shall be limited to the amount paid by the client for the enrice. In no event shall cardinal be liable for incidental or consequental damages, including without imitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, inflicities or successors until you of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Religious or successors until you of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	r any claim anning whether based in contract or tort, be deemed waived unless made in writing and recei- ing without limitation, business interruptions, loss of Cardinal, regardless of whether such claim is base	tort, shall be limited to the amount pa scelved by Cardinal within 30 days, att, s of use, or loss of profits incurred by sessed upon any of the above stated re	ist by the client for the er completion of the applicable client, this subsidiaries, sistors or otherwise.	
KOMB LOWER 11111		Make	Verbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: All Results are emailed. Please provide Email address:	Add'l Phone #: vide Email address:
-	Received By:		REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Corrected Temp. °C Corrected Temp. °C	33.7 Sample Condition Cool Intact No No No	CHECKED BY:	Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor -0.6°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C
t Cardinal	cannot accept verbal chang	les. Please email char	Cardinal cannot accept verbal changes. Please email changes to celev keene@cardinallahsam com	

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: David Adkins Talon/LPE 408 W. Texas St.

Artesia, New Mexico 88210

Generated 5/31/2023 9:40:05 AM Revision 1

JOB DESCRIPTION

Lewis Unit #1 SDG NUMBER Lea Co., NM

JOB NUMBER

880-20623-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated 5/31/2023 9:40:05 AM Revision 1

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 •

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Client: Talon/LPE
Laboratory Job ID: 880-20623-1
Project/Site: Lewis Unit #1
SDG: Lea Co., NM

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Definitions/Glossary

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Qualifiers

GC	VOA
Oual	ifior

Qualifier	Quaimer Description
*_	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Somi VOA

U

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
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, high biased.
U	Indicates the analyte was analyzed for but not detected.
HPLC/IC	

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.
n	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

Indicates the analyte was analyzed for but not detected.

MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limi
NC	Not Calculated

ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent

INLO	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive

QC	Quality Control
DED	Polativa Error Potio (Podiochomistry)

DI.	Reporting Limit or Requested Limit (Radiochemistry)
RI	Reporting Limit of Reguested Limit (Radiochemistry)

Definitions/Glossary

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Glossary (Continued)

Abbreviation These commonly used abbreviations may or may not be present in this report. 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: 880-20623-1
Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Job ID: 880-20623-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-20623-1

REVISION

The report being provided is a revision of the original report sent on 10/31/2022. The report (revision 1) is being revised due to Per client email, correcting sample ID typo and sample date.

Receipt

The samples were received on 10/21/2022 12:10 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 3.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (880-20623-1), S-2 (880-20623-2), S-3 (880-20623-3), S-4 (880-20623-4), S-5 (880-20623-5), S-6 (880-20623-6), S-7 (880-20623-7), S-8 (880-20623-8), S-9 (880-20623-9), S-10 (880-20623-10), S-11 (880-20623-11), S-12 (880-20623-12), S-13 (880-20623-13), S-14 (880-20623-14), S-15 (880-20623-15), S-16 (880-20623-16), S-17 (880-20623-17), S-18 (880-20623-18), S-19 (880-20623-19), S-20 (880-20623-20), S-21 (880-20623-21), S-22 (880-20623-22), S-23 (880-20623-23), S-24 (880-20623-24), S-25 (880-20623-25), S-26 (880-20623-26), S-27 (880-20623-27), S-28 (880-20623-28), S-29 (880-20623-29), S-30 (880-20623-30), S-31 (880-20623-31), S-32 (880-20623-32), S-33 (880-20623-33), S-34 (880-20623-34), S-35 (880-20623-35), S-36 (880-20623-36), S-37 (880-20623-37), S-38 (880-20623-38), S-39 (880-20623-39), S-40 (880-20623-40), S-41 (880-20623-41), S-42 (880-20623-42), S-43 (880-20623-43), S-44 (880-20623-44), S-45 (880-20623-45), S-46 (880-20623-46), S-47 (880-20623-47), S-48 (880-20623-48), S-49 (880-20623-49), S-50 (880-20623-50), S-51 (880-20623-51), S-52 (880-20623-52), S-53 (880-20623-53), S-54 (880-20623-54), S-55 (880-20623-55), S-56 (880-20623-56), S-57 (880-20623-57), S-58 (880-20623-58), S-59 (880-20623-59), S-60 (880-20623-60), S-61 (880-20623-61), S-62 (880-20623-62), S-63 (880-20623-63), S-64 (880-20623-64), S-65 (880-20623-65), S-66 (880-20623-66), NSW-1 (880-20623-67), NSW-2 (880-20623-68), NSW-3 (880-20623-69), NSW-4 (880-20623-70), NSW-5 (880-20623-71), NSW-6 (880-20623-72), ESW-1 (880-20623-73), SSW-1 (880-20623-74), SSW-2 (880-20623-75), SSW-3 (880-20623-76), SSW-4 (880-20623-77), SSW-5 (880-20623-78), SSW-6 (880-20623-79), SSW-6A (880-20623-80), SSW-7 (880-20623-81), SSW-8 (880-20623-82), WSW-1 (880-20623-83), WSW-2 (880-20623-84), NSW-7 (880-20623-85) and NSW-8 (880-20623-86).

One or more containers for the following sample was received empty: SSW-4 (880-20623-77).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-38025 and analytical batch 880-38039 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: NSW-7 (880-20623-85). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-38025 and analytical batch 880-38039 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: (880-20623-A-1-G MS), (880-20623-A-1-H MSD) and (880-20623-A-67-G MSD). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-37680 and analytical batch 880-38152 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-38061 and analytical batch 880-38058 was

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Case Narrative

Client: Talon/LPE

Project/Site: Lewis Unit #1

Job ID: 880-20623-1 SDG: Lea Co., NM

Job ID: 880-20623-1 (Continued)

Laboratory: Eurofins Midland (Continued)

outside the upper control limits.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-38061 and analytical batch 880-38058 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.

GC Semi VOA

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-37503 and analytical batch 880-37444 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-50 (880-20623-50). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-37621 and analytical batch 880-37607 contained Gasoline Range Organics (GRO)-C6-C10 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: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-37621 and analytical batch 880-37607 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD NM: The method blank for preparation batch 880-37620 and analytical batch 880-37605 contained 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: (LCS 880-37619/2-A) and (LCSD 880-37619/3-A). 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 / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-37561 and analytical batch 880-37661 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300 ORGFM 28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-37513 and analytical batch 880-37653 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300 ORGFM 28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-37563 and 880-37563 and analytical batch 880-37789 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300 ORGFM 28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-37562 and analytical batch 880-37662 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Matrix: Solid

Lab Sample ID: 880-20623-1

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-1

Date Collected: 10/19/22 14:10 Date Received: 10/21/22 12:10

Sample Depth: 3

Method: SW846 8021B - Volat	tile Organic	Compound	ds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U F1	0.00201	0.000387	mg/Kg		10/24/22 13:30	10/28/22 22:44	1
Toluene	<0.000458	U F2 F1	0.00201	0.000458	mg/Kg		10/24/22 13:30	10/28/22 22:44	1
Ethylbenzene	< 0.000567	U *- F1 *1	0.00201	0.000567	mg/Kg		10/24/22 13:30	10/28/22 22:44	1
m-Xylene & p-Xylene	<0.00101	U *- F1 *1	0.00402	0.00101	mg/Kg		10/24/22 13:30	10/28/22 22:44	1
o-Xylene	< 0.000345	U *- F1 *1	0.00201	0.000345	mg/Kg		10/24/22 13:30	10/28/22 22:44	1
Xylenes, Total	<0.00101	U *- F1 *1	0.00402	0.00101	mg/Kg		10/24/22 13:30	10/28/22 22:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				10/24/22 13:30	10/28/22 22:44	1
1,4-Difluorobenzene (Surr)	112		70 - 130				10/24/22 13:30	10/28/22 22:44	1
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			10/31/22 10:08	1
Markarda OMO 40 0045 NIM Di	and Danie	0	DDO) (OO)						
Method: SW846 8015 NM - Di	_	•	, , ,	MDI	1114	_	Barrana	A I I	D''
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	302		49.8	14.9	mg/Kg			10/25/22 10:47	1
Method: SW846 8015B NM - [Diesel Range	organics	(DRO) (GC))					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	
Gasoline Range Organics						U	•	·, · · ·	Dil Fac
	37.1	J	49.8		mg/Kg		10/24/22 09:00	10/24/22 11:37	Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over	37.1 265	J	49.8 49.8	14.9			10/24/22 09:00 10/24/22 09:00		
(GRO)-C6-C10				14.9	mg/Kg	_ 5		10/24/22 11:37	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	265	U	49.8	14.9	mg/Kg	_ 5	10/24/22 09:00	10/24/22 11:37 10/24/22 11:37	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	265 <14.9	U	49.8 49.8	14.9	mg/Kg	_ 5	10/24/22 09:00 10/24/22 09:00	10/24/22 11:37 10/24/22 11:37 10/24/22 11:37	1 1

Client Sample ID: S-2 Lab Sample ID: 880-20623-2

Result Qualifier

103 F1

Date Collected: 10/19/22 14:08

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:30	10/28/22 23:05	1
Toluene	0.00520		0.00199	0.000454	mg/Kg		10/24/22 13:30	10/28/22 23:05	1
Ethylbenzene	0.000779	J *- *1	0.00199	0.000563	mg/Kg		10/24/22 13:30	10/28/22 23:05	1
m-Xylene & p-Xylene	<0.00101	U *- *1	0.00398	0.00101	mg/Kg		10/24/22 13:30	10/28/22 23:05	1
o-Xylene	0.0433	*- *1	0.00199	0.000343	mg/Kg		10/24/22 13:30	10/28/22 23:05	1
Xylenes, Total	0.0433	*- *1	0.00398	0.00101	mg/Kg		10/24/22 13:30	10/28/22 23:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/24/22 13:30	10/28/22 23:05	1

4.96

MDL Unit

0.392 mg/Kg

D

Prepared

Analyzed

10/24/22 18:49

Dil Fac

Matrix: Solid

Matrix: Solid

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-2 Lab Sample ID: 880-20623-2

Date Collected: 10/19/22 14:08 Date Received: 10/21/22 12:10

Sample Depth: 3

Method: SW846 8021B	- Volatile Organic	Compounds	(GC) (Continued)
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Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	10/24/22 13:30 10/28/22 23:0	5 1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0493	0.00398	0.00101 mg/Kg			10/31/22 10:08	1

ı							
	Method: SW846	ONAE NINA	Discol	Donas O	rachico		(CC)
ı	Method. Syvo40	IVIVI GIUO	- Diesei	Ranue O	ruariics	IUKUI	1001

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1010		49.9	15.0	mg/Kg			10/25/22 10:47	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	31.3 J	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 12:40	1
Diesel Range Organics (Over C10-C28)	976	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 12:40	1
Oll Range Organics (Over C28-C36)	<15.0 U	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 12:40	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98	70 - 130	10/24/22 09:00	10/24/22 12:40	1
o-Terphenyl	104	70 - 130	10/24/22 09:00	10/24/22 12:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		5.02	0.397	mg/Kg			10/24/22 19:14	1

Lab Sample ID: 880-20623-3 Client Sample ID: S-3 **Matrix: Solid**

Date Collected: 10/19/22 14:00 Date Received: 10/21/22 12:10

Sample Depth: 3

Mothod	CIMONE SUSAB	Volatila Organia	c Compounds (GC)

method. Offort out ib - ve	nathe Organie	Compoun	as (55)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:30	10/28/22 23:25	1
Toluene	0.00258		0.00199	0.000453	mg/Kg		10/24/22 13:30	10/28/22 23:25	1
Ethylbenzene	0.00130	J *- *1	0.00199	0.000562	mg/Kg		10/24/22 13:30	10/28/22 23:25	1
m-Xylene & p-Xylene	<0.00100	U *- *1	0.00398	0.00100	mg/Kg		10/24/22 13:30	10/28/22 23:25	1
o-Xylene	< 0.000342	U *- *1	0.00199	0.000342	mg/Kg		10/24/22 13:30	10/28/22 23:25	1
Xylenes, Total	<0.00100	U *- *1	0.00398	0.00100	mg/Kg		10/24/22 13:30	10/28/22 23:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/24/22 13:30	10/28/22 23:25	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/24/22 13:30	10/28/22 23:25	1

Mothod:	TAI	SUD	Total	RTFY	- Total	RTEY	Calculation

Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00388 J	J	0.00398	0.00100	mg/Kg			10/31/22 10:08	1

Analyte	Result Qualifier	` RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	873	49.8	14.9 mg/Kg			10/25/22 10:47	1

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-3 Lab Sample ID: 880-20623-3

Date Collected: 10/19/22 14:00 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	37.6	J	49.8	14.9	mg/Kg		10/24/22 09:00	10/24/22 13:01	1
Diesel Range Organics (Over C10-C28)	835		49.8	14.9	mg/Kg		10/24/22 09:00	10/24/22 13:01	1
OII Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		10/24/22 09:00	10/24/22 13:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/24/22 09:00	10/24/22 13:01	1
o-Terphenyl	103		70 - 130				10/24/22 09:00	10/24/22 13:01	1
Method: EPA 300.0 - Anions,	Ion Chroma	tography -	Soluble						
Michiga. Li A 300.0 - Allions,					1114		Dunmanad	A so a losma al	Dil Foo
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-4 Lab Sample ID: 880-20623-4 Matrix: Solid

Date Collected: 10/19/22 13:58

Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/24/22 13:30	10/28/22 23:46	
Toluene	0.0338		0.00200	0.000455	mg/Kg		10/24/22 13:30	10/28/22 23:46	
Ethylbenzene	0.000963	J *- *1	0.00200	0.000564	mg/Kg		10/24/22 13:30	10/28/22 23:46	
m-Xylene & p-Xylene	<0.00101	U *- *1	0.00399	0.00101	mg/Kg		10/24/22 13:30	10/28/22 23:46	1
o-Xylene	< 0.000343	U *- *1	0.00200	0.000343	mg/Kg		10/24/22 13:30	10/28/22 23:46	1
Xylenes, Total	<0.00101	U *- *1	0.00399	0.00101	mg/Kg		10/24/22 13:30	10/28/22 23:46	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				10/24/22 13:30	10/28/22 23:46	1
1,4-Difluorobenzene (Surr)	110		70 - 130				10/24/22 13:30	10/28/22 23:46	1
Method: TAL SOP Total BTEX	: Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0348		0.00399	0.00101	mg/Kg			10/31/22 10:08	1
Total BTEX				0.00101	mg/Kg			10/31/22 10:08	1
Total BTEX Method: SW846 8015 NM - Did	esel Range (•	DRO) (GC)						
Total BTEX Method: SW846 8015 NM - Did Analyte	esel Range (Organics (Qualifier	DRO) (GC)	MDL	Unit	D	Prepared	Analyzed	
Total BTEX Method: SW846 8015 NM - Did	esel Range (•	DRO) (GC)	MDL		<u>D</u>	Prepared		
Total BTEX Method: SW846 8015 NM - Did Analyte	esel Range (Result	Qualifier	DRO) (GC) RL 49.9	MDL 15.0	Unit	<u>D</u>	Prepared	Analyzed	
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	esel Range (Result 1020 Diesel Range	Qualifier	DRO) (GC) RL 49.9	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics	esel Range (Result 1020 Diesel Range	Qualifier Organics Qualifier	DRO) (GC) RL 49.9	MDL 15.0 MDL	Unit mg/Kg		<u> </u>	Analyzed 10/25/22 10:47	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	esel Range (Result 1020 Diesel Range Result	Qualifier Organics Qualifier	DRO) (GC) RL 49.9 (DRO) (GC) RL	MDL 15.0	Unit mg/Kg		Prepared	Analyzed 10/25/22 10:47 Analyzed 10/24/22 13:22	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	esel Range (Result 1020 Diesel Range (Result 29.0 994	Qualifier Organics Qualifier J	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/24/22 13:22 10/24/22 13:22	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	esel Range (Result 1020 Diesel Range Result 29.0	Qualifier Organics Qualifier J	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/24/22 13:22	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 1020 Diesel Range Result 29.0 994 <15.0	Qualifier Organics Qualifier J	DRO) (GC) RL 49.9 6 (DRO) (GC) RL 49.9 49.9 Limits	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00 10/24/22 09:00 Prepared	Analyzed 10/25/22 10:47 Analyzed 10/24/22 13:22 10/24/22 13:22 10/24/22 13:22 Analyzed	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 1020 Diesel Range Result 29.0 994	Qualifier Organics Qualifier J	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/24/22 13:22 10/24/22 13:22	Dil Face Dil Face 1 Dil Face 1 Dil Face 1

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-4 Lab Sample ID: 880-20623-4

Date Collected: 10/19/22 13:58 Matrix: Solid

Date Received: 10/21/22 12:10 Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	129		5.03	0.397	mg/Kg			10/24/22 19:47	1

Client Sample ID: S-5

Date Collected: 10/19/22 13:56

Lab Sample ID: 880-20623-5

Matrix: Solid

Date Collected: 10/19/22 13:56 Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:30	10/29/22 00:07	1
Toluene	0.0227		0.00199	0.000454	mg/Kg		10/24/22 13:30	10/29/22 00:07	1
Ethylbenzene	< 0.000563	U *- *1	0.00199	0.000563	mg/Kg		10/24/22 13:30	10/29/22 00:07	1
m-Xylene & p-Xylene	<0.00101	U *- *1	0.00398	0.00101	mg/Kg		10/24/22 13:30	10/29/22 00:07	1
o-Xylene	0.000361	J *- *1	0.00199	0.000343	mg/Kg		10/24/22 13:30	10/29/22 00:07	1
Xylenes, Total	<0.00101	U *- *1	0.00398	0.00101	mg/Kg		10/24/22 13:30	10/29/22 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				10/24/22 13:30	10/29/22 00:07	1
1.4-Difluorobenzene (Surr)	110		70 - 130				10/24/22 13:30	10/29/22 00:07	1

Method: IAL SOP Total BTEX	- Iotal BIEX						
Analyte	Result Q	ualifier RL	MDL Un	nit D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0231	0.00398	0.00101 mg	g/Kg		10/31/22 10:08	1

Method: SW846 8015 NM - Die:								
Analyte	Result Qualifie	r RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2010	49.9	15.0	mg/Kg			10/25/22 10:47	1

Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	26.8	J	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 13:43	1
Diesel Range Organics (Over C10-C28)	1980		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 13:43	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/24/22 09:00	10/24/22 13:43	1
o-Terphenyl	103		70 - 130				10/24/22 09:00	10/24/22 13:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	106		5.05	0.399	mg/Kg			10/24/22 19:55	1

Matrix: Solid

Lab Sample ID: 880-20623-6

10/25/22 10:47

Lab Sample ID: 880-20623-7

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-6

Date Collected: 10/19/22 13:54 Date Received: 10/21/22 12:10

Sample Depth: 3

Total TPH

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		10/24/22 13:30	10/29/22 00:27	1
Toluene	0.00394		0.00201	0.000459	mg/Kg		10/24/22 13:30	10/29/22 00:27	1
Ethylbenzene	0.00109	J *- *1	0.00201	0.000568	mg/Kg		10/24/22 13:30	10/29/22 00:27	1
m-Xylene & p-Xylene	<0.00102	U *- *1	0.00402	0.00102	mg/Kg		10/24/22 13:30	10/29/22 00:27	1
o-Xylene	< 0.000346	U *- *1	0.00201	0.000346	mg/Kg		10/24/22 13:30	10/29/22 00:27	1
Xylenes, Total	<0.00102	U *- *1	0.00402	0.00102	mg/Kg		10/24/22 13:30	10/29/22 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				10/24/22 13:30	10/29/22 00:27	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/24/22 13:30	10/29/22 00:27	1
- Method: TAL SOP Total B1	EX - Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00503		0.00402	0.00102	mg/Kg			10/31/22 10:08	1
Method: SW846 8015 NM -	Diesel Range	Organics (DRO) (GC)						
Analyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	37.7	J	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 14:04	1
Diesel Range Organics (Over C10-C28)	3370		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 14:04	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 14:04	1

49.9

15.0 mg/Kg

3410

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	10/24/22 09:00 1	0/24/22 14:04	1
o-Terphenyl	113		70 - 130	10/24/22 09:00 1	0/24/22 14:04	1
_						

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Chloride 4.97 0.393 mg/Kg 10/24/22 20:04 244

Client Sample ID: S-7 Date Collected: 10/19/22 13:52 Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.00198	0.000382	mg/Kg		10/24/22 13:30	10/29/22 00:48	1
Toluene	0.00657		0.00198	0.000452	mg/Kg		10/24/22 13:30	10/29/22 00:48	1
Ethylbenzene	< 0.000561	U *- *1	0.00198	0.000561	mg/Kg		10/24/22 13:30	10/29/22 00:48	1
m-Xylene & p-Xylene	<0.00100	U *- *1	0.00397	0.00100	mg/Kg		10/24/22 13:30	10/29/22 00:48	1
o-Xylene	< 0.000341	U *- *1	0.00198	0.000341	mg/Kg		10/24/22 13:30	10/29/22 00:48	1
Xylenes, Total	<0.00100	U *- *1	0.00397	0.00100	mg/Kg		10/24/22 13:30	10/29/22 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				10/24/22 13:30	10/29/22 00:48	1

Eurofins Midland

Matrix: Solid

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-7 Lab Sample ID: 880-20623-7

Date Collected: 10/19/22 13:52 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 3

Surrogate	%Recovery (Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	10/24/22 13:30	10/29/22 00:48	1

	Method: TAL	SOP Tota	I BTEX - Tota	I BTEX	Calculation
ı					- aioaiatioii

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00657		0.00397	0.00100	mg/Kg			10/31/22 10:08	1

ı				(550) (660)
П	Method: SW846 801	5 NM - Diesel	Range Organics	(DRO) (GC)
	1110t110d1 011010 00 1			

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1160		50.0	15.0	mg/Kg			10/25/22 10:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result Quali	fier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	37.2 J	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 14:24	1
Diesel Range Organics (Over C10-C28)	1120	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 14:24	1
Oll Range Organics (Over C28-C36)	<15.0 U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 14:24	1
Currente	9/ Bassyamy Ovali	ifiau limita				Dramarad	A malumad	Dil Foo

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	10/24/22 09:00	10/24/22 14:24	1
o-Terphenyl	106		70 - 130	10/24/22 09:00	10/24/22 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit)	Prepared	Analyzed	Dil Fac
Chloride	172		5.03	0.397	mg/Kg	 		10/24/22 17:00	1

Client Sample ID: S-8 Lab Sample ID: 880-20623-8 **Matrix: Solid**

Date Collected: 10/19/22 13:50 Date Received: 10/21/22 12:10

Sample Depth: 3

Mothod	CIMONE SUSAB	Volatila Organia	c Compounds (GC)

Mictilioa. 011040 002 1D - 10	nathe Organic	Compoun	us (GO)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/24/22 13:30	10/29/22 01:08	1
Toluene	0.00433		0.00200	0.000455	mg/Kg		10/24/22 13:30	10/29/22 01:08	1
Ethylbenzene	< 0.000564	U *- *1	0.00200	0.000564	mg/Kg		10/24/22 13:30	10/29/22 01:08	1
m-Xylene & p-Xylene	<0.00101	U *- *1	0.00399	0.00101	mg/Kg		10/24/22 13:30	10/29/22 01:08	1
o-Xylene	< 0.000343	U *- *1	0.00200	0.000343	mg/Kg		10/24/22 13:30	10/29/22 01:08	1
Xylenes, Total	<0.00101	U *- *1	0.00399	0.00101	mg/Kg		10/24/22 13:30	10/29/22 01:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				10/24/22 13:30	10/29/22 01:08	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/24/22 13:30	10/29/22 01:08	1
_									

Mothod:	TAI	SUD	Total	RTFY	- Total	RTEY	Calculation

Analyte	Result Q	ualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00433		0.00399	0.00101	mg/Kg			10/31/22 10:08	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	431	50.0	15.0	mg/Kg		-	10/25/22 10:47	1

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-8 Lab Sample ID: 880-20623-8

Date Collected: 10/19/22 13:50 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.4	J	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 14:45	1
Diesel Range Organics (Over C10-C28)	409		50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 14:45	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/24/22 09:00	10/24/22 14:45	1
o-Terphenyl	101		70 - 130				10/24/22 09:00	10/24/22 14:45	1
Method: EPA 300.0 - Anions,	Ion Chromat	tography -	Soluble						
Ameliate	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte									

Client Sample ID: S-9 Lab Sample ID: 880-20623-9 Matrix: Solid

Date Collected: 10/19/22 13:48

Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		10/24/22 13:30	10/29/22 01:29	1
Toluene	0.00166	J	0.00201	0.000458			10/24/22 13:30	10/29/22 01:29	1
Ethylbenzene	0.000708	J *- *1	0.00201	0.000567	mg/Kg		10/24/22 13:30	10/29/22 01:29	1
m-Xylene & p-Xylene	<0.00101	U *- *1	0.00402	0.00101	mg/Kg		10/24/22 13:30	10/29/22 01:29	1
o-Xylene	< 0.000345	U *- *1	0.00201	0.000345	mg/Kg		10/24/22 13:30	10/29/22 01:29	1
Xylenes, Total	<0.00101	U *- *1	0.00402	0.00101	mg/Kg		10/24/22 13:30	10/29/22 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/24/22 13:30	10/29/22 01:29	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/24/22 13:30	10/29/22 01:29	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	itesuit	Qualifici							
Total BTEX	0.00237		0.00402	0.00101	mg/Kg			10/31/22 10:08	1
Total BTEX	0.00237	J	0.00402		mg/Kg				1
Total BTEX Method: SW846 8015 NM - Die	0.00237 esel Range (J Organics (0.00402 DRO) (GC)	0.00101			<u> </u>	10/31/22 10:08	
Total BTEX Method: SW846 8015 NM - Did Analyte	0.00237 esel Range (J	0.00402 DRO) (GC) RL	0.00101 MDL	Unit	D	Prepared	10/31/22 10:08 Analyzed	
Total BTEX Method: SW846 8015 NM - Die	0.00237 esel Range (J Organics (0.00402 DRO) (GC)	0.00101 MDL			<u> </u>	10/31/22 10:08	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte	0.00237 esel Range (Result 204	J Organics (Qualifier	0.00402 DRO) (GC) RL 49.9	0.00101 MDL 15.0	Unit	<u>D</u>	<u> </u>	10/31/22 10:08 Analyzed	
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	0.00237 esel Range (Result 204 Diesel Range	J Organics (Qualifier	0.00402 DRO) (GC) RL 49.9	0.00101 MDL 15.0	Unit mg/Kg		<u> </u>	10/31/22 10:08 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - D	0.00237 esel Range (Result 204 Diesel Range	Organics (Qualifier Organics Qualifier Qualifier	0.00402 DRO) (GC) RL 49.9 (DRO) (GC)	0.00101 MDL 15.0	Unit mg/Kg		Prepared	10/31/22 10:08 Analyzed 10/25/22 10:47	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	0.00237 esel Range (Result 204 Diesel Range Result	Organics (Qualifier Organics Qualifier Qualifier	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL	0.00101 MDL 15.0 MDL 15.0	Unit mg/Kg		Prepared Prepared	Analyzed 10/25/22 10:47 Analyzed 10/25/22 10:47 Analyzed 10/24/22 15:06	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10	0.00237 esel Range (Result 204 Diesel Range Result 22.2	J Organics (Qualifier Organics Qualifier J	0.00402 DRO) (GC) RL 49.9 5 (DRO) (GC) RL 49.9	0.00101 MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg		Prepared Prepared 10/24/22 09:00 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/25/22 10:47 Analyzed 10/24/22 15:06	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.00237 esel Range (Result 204 Diesel Range Result 22.2	J Organics (Qualifier Organics Qualifier J	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	0.00101 MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared Prepared 10/24/22 09:00 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/25/22 10:47 Analyzed 10/24/22 15:06 10/24/22 15:06	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	0.00237 esel Range (Result 204 Diesel Range Result 22.2 182 <15.0	J Organics (Qualifier Organics Qualifier J	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	0.00101 MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared Prepared 10/24/22 09:00 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/25/22 10:47 Analyzed 10/24/22 15:06 10/24/22 15:06	

Matrix: Solid

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-9 Lab Sample ID: 880-20623-9

Date Collected: 10/19/22 13:48

Matrix: Solid

Date Received: 10/13/22 12:10
Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - SolubleAnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FacChloride3745.030.397mg/Kg10/24/22 17:281

Client Sample ID: S-10 Lab Sample ID: 880-20623-10

Date Collected: 10/19/22 13:46 Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:30	10/29/22 01:49	1
Toluene	0.000668	J	0.00199	0.000454	mg/Kg		10/24/22 13:30	10/29/22 01:49	1
Ethylbenzene	< 0.000563	U *- *1	0.00199	0.000563	mg/Kg		10/24/22 13:30	10/29/22 01:49	1
m-Xylene & p-Xylene	<0.00101	U *- *1	0.00398	0.00101	mg/Kg		10/24/22 13:30	10/29/22 01:49	1
o-Xylene	< 0.000343	U *- *1	0.00199	0.000343	mg/Kg		10/24/22 13:30	10/29/22 01:49	1
Xylenes, Total	<0.00101	U *- *1	0.00398	0.00101	mg/Kg		10/24/22 13:30	10/29/22 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				10/24/22 13:30	10/29/22 01:49	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/24/22 13:30	10/29/22 01:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			10/31/22 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	2440	49.9	15.0 mg/Kg			10/25/22 10:47	1

Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	36.4	J	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 15:27	1
Diesel Range Organics (Over C10-C28)	2400		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 15:27	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 15:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/24/22 09:00	10/24/22 15:27	1
o-Terphenyl	110		70 - 130				10/24/22 09:00	10/24/22 15:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	203		5.04	0.398	mg/Kg			10/24/22 17:33	1

Matrix: Solid

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-11

Lab Sample ID: 880-20623-11 Date Collected: 10/19/22 13:44

Date Received: 10/21/22 12:10 Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:30	10/29/22 03:12	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		10/24/22 13:30	10/29/22 03:12	1
Ethylbenzene	< 0.000562	U *- *1	0.00199	0.000562	mg/Kg		10/24/22 13:30	10/29/22 03:12	1
m-Xylene & p-Xylene	<0.00100	U *- *1	0.00398	0.00100	mg/Kg		10/24/22 13:30	10/29/22 03:12	1
o-Xylene	< 0.000342	U *- *1	0.00199	0.000342	mg/Kg		10/24/22 13:30	10/29/22 03:12	1
Xylenes, Total	<0.00100	U *- *1	0.00398	0.00100	mg/Kg		10/24/22 13:30	10/29/22 03:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				10/24/22 13:30	10/29/22 03:12	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/24/22 13:30	10/29/22 03:12	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg	 -		10/31/22 10:08	1
Method: SW846 8015 NM - Die	sal Panga (Organice (DBO) (GC)						

Method: 244046 0015 MM - Die	sei Kange Organic	S (DRO) (GC)						
Analyte	Result Qualifier	r RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	116	49.9	15.0	mg/Kg			10/25/22 10:47	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.8	J	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:08	1
Diesel Range Organics (Over C10-C28)	94.1		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:08	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	10/24/22 09:00	10/24/22 16:08	1
o-Terphenyl	101		70 - 130	10/24/22 09:00	10/24/22 16:08	1
_						

Wethou: EPA 300.0 - Anions, to	m Chromatography - S						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246	5.00	0.395 mg/Kg			10/24/22 17:38	1

Client Sample ID: S-12 Lab Sample ID: 880-20623-12 Date Collected: 10/19/22 13:42 **Matrix: Solid**

Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0317		0.0201	0.00387	mg/Kg		10/24/22 13:30	10/29/22 05:15	10
Toluene	0.0838		0.0201	0.00459	mg/Kg		10/24/22 13:30	10/29/22 05:15	10
Ethylbenzene	<0.00568	U *- *1	0.0201	0.00568	mg/Kg		10/24/22 13:30	10/29/22 05:15	10
m-Xylene & p-Xylene	<0.0102	U *- *1	0.0402	0.0102	mg/Kg		10/24/22 13:30	10/29/22 05:15	10
o-Xylene	0.0196	J *- *1	0.0201	0.00346	mg/Kg		10/24/22 13:30	10/29/22 05:15	10
Xylenes, Total	0.0196	J *- *1	0.0402	0.0102	mg/Kg		10/24/22 13:30	10/29/22 05:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/24/22 13:30	10/29/22 05:15	10

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-12 Lab Sample ID: 880-20623-12

Date Collected: 10/19/22 13:42 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 3

Method: SW846 8021B -	Volatile Organic Compounds	(GC) (Continued)
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Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	121		70 - 130	10/24/22 13:30	10/29/22 05:15	10

	Method: TAL	SOP Tota	I BTEX - Tota	I BTEX	Calculation
ı					- aioaiatioii

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.135	0.0402	0.0102 mg/Kg			10/31/22 10:08	1

Method: SW846 8015 NM - Diesel Range	Organics (DRO) (GC)
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Analyte	Result Qualif	ier RL	MDL Un	nit D	Prepared	Analyzed	Dil Fac
Total TPH	2060	50.0	15.0 mg			10/25/22 10:47	1

Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
33.7 J	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:29	1
2030	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:29	1
<15.0 U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:29	1
	33.7 J 2030	33.7 J 50.0 2030 50.0	33.7 J 50.0 15.0 2030 50.0 15.0	33.7 J 50.0 15.0 mg/Kg 2030 50.0 15.0 mg/Kg	33.7 J 50.0 15.0 mg/Kg 2030 50.0 15.0 mg/Kg	33.7 J 50.0 15.0 mg/Kg 10/24/22 09:00 2030 50.0 15.0 mg/Kg 10/24/22 09:00	33.7 J 50.0 15.0 mg/Kg 10/24/22 09:00 10/24/22 16:29 2030 50.0 15.0 mg/Kg 10/24/22 09:00 10/24/22 16:29

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	10/24/22 09:00	10/24/22 16:29	1
o-Terphenyl	106		70 - 130	10/24/22 09:00	10/24/22 16:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D) F	Prepared	Analyzed	Dil Fac
Chloride	132		5.00	0.395	mg/Kg				10/24/22 17:53	1

Lab Sample ID: 880-20623-13 **Client Sample ID: S-13 Matrix: Solid**

Date Collected: 10/19/22 13:40 Date Received: 10/21/22 12:10

Sample Depth: 3

Mothod:	CIMO16 0031D	Volatile Organic	Compounds (GC)

	rolatile el gallie	- opoun	ao (OO)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/24/22 13:30	10/29/22 03:32	1
Toluene	0.00224		0.00200	0.000455	mg/Kg		10/24/22 13:30	10/29/22 03:32	1
Ethylbenzene	< 0.000564	U *- *1	0.00200	0.000564	mg/Kg		10/24/22 13:30	10/29/22 03:32	1
m-Xylene & p-Xylene	<0.00101	U *- *1	0.00399	0.00101	mg/Kg		10/24/22 13:30	10/29/22 03:32	1
o-Xylene	< 0.000343	U *- *1	0.00200	0.000343	mg/Kg		10/24/22 13:30	10/29/22 03:32	1
Xylenes, Total	<0.00101	U *- *1	0.00399	0.00101	mg/Kg		10/24/22 13:30	10/29/22 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/24/22 13:30	10/29/22 03:32	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/24/22 13:30	10/29/22 03:32	1

Mathadi	TALC	OP Total R	TEV Total	DTEV Ca	Jarriatian

Analyte	Result Q	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00224 J		0.00399	0.00101	mg/Kg			10/31/22 10:08	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	888	49.9	15.0 mg/Kg			10/25/22 10:47	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-13

Lab Sample ID: 880-20623-13 Matrix: Solid

Date Collected: 10/19/22 13:40 Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	30.1	J	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:50	1
Diesel Range Organics (Over C10-C28)	858		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:50	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				10/24/22 09:00	10/24/22 16:50	1
o-Terphenyl	103		70 - 130				10/24/22 09:00	10/24/22 16:50	1
Method: EPA 300.0 - Anions,	lon Chroma	tography -	Soluble						
	Pocult	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifici			•	_		, <u>,</u>	

Client Sample ID: S-14 Lab Sample ID: 880-20623-14 Date Collected: 10/19/22 13:38 **Matrix: Solid**

Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0479		0.0199	0.00383	mg/Kg		10/24/22 13:30	10/29/22 05:35	10
Toluene	0.0614		0.0199	0.00454	mg/Kg		10/24/22 13:30	10/29/22 05:35	10
Ethylbenzene	0.0290	*- *1	0.0199	0.00563	mg/Kg		10/24/22 13:30	10/29/22 05:35	10
m-Xylene & p-Xylene	0.0203	J *- *1	0.0398	0.0101	mg/Kg		10/24/22 13:30	10/29/22 05:35	10
o-Xylene	0.0120	J *- *1	0.0199	0.00343	mg/Kg		10/24/22 13:30	10/29/22 05:35	10
Xylenes, Total	0.0323	J *- *1	0.0398	0.0101	mg/Kg		10/24/22 13:30	10/29/22 05:35	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/24/22 13:30	10/29/22 05:35	10
1,4-Difluorobenzene (Surr)	110		70 - 130				10/24/22 13:30	10/29/22 05:35	10
Method: TAL SOP Total BTEX	: Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.171		0.0398	0.0101	mg/Kg			10/31/22 10:08	1
Method: SW846 8015 NM - Die	esel Range	Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1090		50.0	15.0	mg/Kg			10/25/22 10:47	1
Method: SW846 8015B NM - D	Diesel Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	39.2	J	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 17:11	1
Diesel Range Organics (Over	1050		50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 17:11	1
C10-C28)				15.0	mg/Kg		10/24/22 09:00	10/24/22 17:11	4
C10-C28) Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/rtg		10/24/22 00:00	10/24/22 17.11	1
•	<15.0 %Recovery		50.0 Limits	15.0	mg/rtg		Prepared Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)				13.0	mg/ixg				

Date Received: 10/21/22 12:10

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-14 Date Collected: 10/19/22 13:38

Lab Sample ID: 880-20623-14

Matrix: Solid

Sample Depth: 3

Method: EPA 300.0 - Anions, Id	on Chromat	ography - S	Soluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	167		5.05	0.399	mg/Kg			10/24/22 18:02	1

Client Sample ID: S-15 Lab Sample ID: 880-20623-15

Date Collected: 10/19/22 13:36 Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

Method: SW846 8021B - Volat									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		10/24/22 13:30	10/29/22 03:53	
Toluene	0.0109		0.00202	0.000460	mg/Kg		10/24/22 13:30	10/29/22 03:53	
Ethylbenzene	<0.000570	U *- *1	0.00202	0.000570	mg/Kg		10/24/22 13:30	10/29/22 03:53	
m-Xylene & p-Xylene	<0.00102	U *- *1	0.00403	0.00102	mg/Kg		10/24/22 13:30	10/29/22 03:53	
o-Xylene	< 0.000347	U *- *1	0.00202	0.000347	mg/Kg		10/24/22 13:30	10/29/22 03:53	
Xylenes, Total	<0.00102	U *- *1	0.00403	0.00102	mg/Kg		10/24/22 13:30	10/29/22 03:53	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
4-Bromofluorobenzene (Surr)	106		70 - 130				10/24/22 13:30	10/29/22 03:53	
1,4-Difluorobenzene (Surr)	106		70 - 130				10/24/22 13:30	10/29/22 03:53	
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
			0.00403	0.00400	ma/Ka			10/31/22 10:08	
Method: SW846 8015 NM - Die			DRO) (GC)	0.00102		D	Propared		Dil E
Total BTEX Method: SW846 8015 NM - Die Analyte	esel Range (Organics (Qualifier	DRO) (GC)	MDL	Unit	D	Prepared	Analyzed	Dil F
Method: SW846 8015 NM - Die	esel Range (DRO) (GC)	MDL		<u>D</u>	Prepared		Dil F
Method: SW846 8015 NM - Die Analyte	esel Range (Result 1640 Diesel Range	Qualifier Organics	DRO) (GC) RL 50.0	MDL 15.0	Unit	<u>D</u>	Prepared	Analyzed	Dil F
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte	esel Range (Result 1640 Diesel Range	Qualifier	DRO) (GC) RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed	
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	esel Range (Result 1640 Diesel Range	Qualifier Organics Qualifier	DRO) (GC) RL 50.0 (DRO) (GC)	MDL 15.0	Unit mg/Kg			Analyzed 10/25/22 10:47 Analyzed	Dil F
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 1640 Diesel Range Result	Qualifier Organics Qualifier	DRO) (GC) RL 50.0 (DRO) (GC) RL	MDL 15.0	Unit mg/Kg		Prepared 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed	
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 1640 Diesel Range Result 43.3	Qualifier Organics Qualifier J	DRO) (GC) RL 50.0 G (DRO) (GC) RL 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/24/22 17:31	
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) DII Range Organics (Over C28-C36)	Result 1640 Diesel Range Result 43.3	Qualifier Organics Qualifier J	DRO) (GC) RL 50.0 6 (DRO) (GC) RL 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/24/22 17:31 10/24/22 17:31	Dil F
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 1640 Diesel Range Result 43.3 1600 <15.0	Qualifier Organics Qualifier J	DRO) (GC) RL 50.0 6 (DRO) (GC) RL 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/24/22 17:31 10/24/22 17:31 10/24/22 17:31 Analyzed	
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate G-Chlorooctane	Result 1640 Diesel Range Result 43.3 1600 <15.0 %Recovery	Qualifier Organics Qualifier J	DRO) (GC) RL 50.0 6 (DRO) (GC) RL 50.0 50.0 50.0 Limits	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00 10/24/22 09:00 Prepared 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/24/22 17:31 10/24/22 17:31 10/24/22 17:31 Analyzed	Dil F
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane 0-Terphenyl	Result 1640 Olesel Range Result 43.3 1600 <15.0	Qualifier Organics Qualifier J U Qualifier	DRO) (GC) RL 50.0 6 (DRO) (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00 10/24/22 09:00 Prepared 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/24/22 17:31 10/24/22 17:31 Analyzed 10/24/22 17:31	Dil F
Method: SW846 8015 NM - Die Analyte Total TPH	Result 1640 Diesel Range Result 43.3 1600 <15.0 **Recovery 96 108 Ion Chromat	Qualifier Organics Qualifier J U Qualifier	DRO) (GC) RL 50.0 6 (DRO) (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00 10/24/22 09:00 Prepared 10/24/22 09:00	Analyzed 10/25/22 10:47 Analyzed 10/24/22 17:31 10/24/22 17:31 Analyzed 10/24/22 17:31	Dil F

Eurofins Midland

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-16 Lab Sample ID: 880-20623-16

Date Collected: 10/19/22 13:34 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0287		0.0200	0.00386	mg/Kg		10/24/22 13:30	10/29/22 05:56	10
Toluene	0.0607		0.0200	0.00457	mg/Kg		10/24/22 13:30	10/29/22 05:56	10
Ethylbenzene	< 0.00566	U *- *1	0.0200	0.00566	mg/Kg		10/24/22 13:30	10/29/22 05:56	10
m-Xylene & p-Xylene	<0.0101	U *- *1	0.0401	0.0101	mg/Kg		10/24/22 13:30	10/29/22 05:56	1(
o-Xylene	0.0219	*- *1	0.0200	0.00345	mg/Kg		10/24/22 13:30	10/29/22 05:56	10
Xylenes, Total	0.0219	J *- *1	0.0401	0.0101	mg/Kg		10/24/22 13:30	10/29/22 05:56	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	109		70 - 130				10/24/22 13:30	10/29/22 05:56	10
1,4-Difluorobenzene (Surr)	122		70 - 130				10/24/22 13:30	10/29/22 05:56	10
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.111		0.0401	0.0101	mg/Kg			10/31/22 10:08	1
Method: SW846 8015 NM - Die			DRO) (GC)						
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	Result 1340	Qualifier	RL 49.9		Unit mg/Kg	D	Prepared	Analyzed 10/25/22 10:47	
-	1340		49.9			<u>D</u>	Prepared		
Total TPH	1340 Diesel Range		49.9	15.0 MDL	mg/Kg	<u>D</u>	Prepared Prepared		
Total TPH Method: SW846 8015B NM - D Analyte	1340 Diesel Range	Organics Qualifier	49.9 (DRO) (GC)	15.0 MDL	mg/Kg			10/25/22 10:47 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	1340 Diesel Range Result	Organics Qualifier	49.9 6 (DRO) (GC) RL	15.0 MDL 15.0	mg/Kg		Prepared 10/24/22 09:00	10/25/22 10:47 Analyzed	Dil Fa
Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Diesel Range Result 38.3	Organics Qualifier J	49.9 (DRO) (GC) RL 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00	10/25/22 10:47 Analyzed 10/24/22 17:52	Dil Fac
Total TPH Method: SW846 8015B NM - DANALYTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Diesel Range Result 38.3 1300	Organics Qualifier J	49.9 (DRO) (GC) RL 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00	Analyzed 10/24/22 17:52 10/24/22 17:52	Dil Fa
Method: SW846 8015B NM - DAnalyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	1340 Diesel Range Result 38.3 1300 <15.0	Organics Qualifier J	49.9 (DRO) (GC) RL 49.9 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00 10/24/22 09:00	Analyzed 10/24/22 17:52 10/24/22 17:52 10/24/22 17:52	Dil Fac
Total TPH Method: SW846 8015B NM - DANAINTE Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	1340 Diesel Range Result 38.3 1300 <15.0 **Recovery*	Organics Qualifier J	49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00 10/24/22 09:00 Prepared 10/24/22 09:00	Analyzed 10/24/22 17:52 10/24/22 17:52 10/24/22 17:52 Analyzed	Dil Fa
Method: SW846 8015B NM - DAnalyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	1340 Diesel Range Result 38.3 1300 <15.0 **Recovery 98 107	Qualifier U Qualifier	49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00 10/24/22 09:00 Prepared 10/24/22 09:00	Analyzed 10/24/22 17:52 10/24/22 17:52 10/24/22 17:52 Analyzed 10/24/22 17:52	Dil Fac
Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	1340 Diesel Range Result 38.3 1300 <15.0 **Recovery 98 107 Ion Chromat	Qualifier U Qualifier	49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 10/24/22 09:00 10/24/22 09:00 10/24/22 09:00 Prepared 10/24/22 09:00	Analyzed 10/24/22 17:52 10/24/22 17:52 10/24/22 17:52 Analyzed 10/24/22 17:52	Dil Fac

Client Sample ID: S-17 Lab Sample ID: 880-20623-17 **Matrix: Solid**

Date Collected: 10/19/22 13:32 Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/24/22 13:30	10/29/22 04:13	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		10/24/22 13:30	10/29/22 04:13	1
Ethylbenzene	< 0.000564	U *- *1	0.00200	0.000564	mg/Kg		10/24/22 13:30	10/29/22 04:13	1
m-Xylene & p-Xylene	<0.00101	U *- *1	0.00399	0.00101	mg/Kg		10/24/22 13:30	10/29/22 04:13	1
o-Xylene	< 0.000343	U *- *1	0.00200	0.000343	mg/Kg		10/24/22 13:30	10/29/22 04:13	1
Xylenes, Total	<0.00101	U *- *1	0.00399	0.00101	mg/Kg		10/24/22 13:30	10/29/22 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				10/24/22 13:30	10/29/22 04:13	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-17 Lab Sample ID: 880-20623-17

Date Collected: 10/19/22 13:32 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 3

Surrogate	%Recovery Q	Qualifier Li	imits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	109	70	0 - 130	10/24/22 13:30	10/29/22 04:13	1

	Method: TAL	SOP Tota	I BTEX - Tota	I BTEX	Calculation
ı					- aioaiatioii

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			10/31/22 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1210	49.9	15.0 mg/Kg			10/25/22 10:47	1

		, (,						
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	37.7 J	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 18:12	1
Diesel Range Organics (Over C10-C28)	1170	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 18:12	1
Oll Range Organics (Over C28-C36)	<15.0 U	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	10/24/22 09:00	10/24/22 18:12	1
o-Terphenyl	102		70 - 130	10/24/22 09:00	10/24/22 18:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	0)	Prepared	Analyzed	Dil Fac
Chloride	306	F1	4.99	0.394	mg/Kg				10/24/22 18:17	1

Client Sample ID: S-18 Lab Sample ID: 880-20623-18 **Matrix: Solid**

Date Collected: 10/19/22 13:30 Date Received: 10/21/22 12:10

Sample Depth: 3

Mothod: CIMOAC 0021D	Volatila Organia Compounde /	CC

Michiga. Offoro COLID - Vo	name Organie	o Compounds (CC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:30	10/29/22 04:34	1
Toluene	0.00168	J	0.00199	0.000454	mg/Kg		10/24/22 13:30	10/29/22 04:34	1
Ethylbenzene	< 0.000563	U *- *1	0.00199	0.000563	mg/Kg		10/24/22 13:30	10/29/22 04:34	1
m-Xylene & p-Xylene	<0.00101	U *- *1	0.00398	0.00101	mg/Kg		10/24/22 13:30	10/29/22 04:34	1
o-Xylene	< 0.000343	U *- *1	0.00199	0.000343	mg/Kg		10/24/22 13:30	10/29/22 04:34	1
Xylenes, Total	<0.00101	U *- *1	0.00398	0.00101	mg/Kg		10/24/22 13:30	10/29/22 04:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/24/22 13:30	10/29/22 04:34	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/24/22 13:30	10/29/22 04:34	1

Method: TAI	SOP Total BTFX	- Total RTFX	Calculation

Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00168	J	0.00398	0.00101	mg/Kg			10/31/22 10:08	1

Analyte	Result Qualifier	` RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	676	50.0	15.0	mg/Kg			10/25/22 10:47	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-18

Lab Sample ID: 880-20623-18 Date Collected: 10/19/22 13:30 Matrix: Solid

Date Received: 10/21/22 12:10 Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	32.3	J	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 18:33	1
Diesel Range Organics (Over C10-C28)	644		50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 18:33	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/24/22 09:00	10/24/22 18:33	1
o-Terphenyl	98		70 - 130				10/24/22 09:00	10/24/22 18:33	1
Method: EPA 300.0 - Anions,	lon Chroma	tography -	Soluble						
Method: EPA 300.0 - Anions, Analyte		tography - Qualifier	Soluble RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-19 Lab Sample ID: 880-20623-19 Date Collected: 10/19/22 13:28 Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		10/24/22 13:30	10/29/22 04:54	1
Toluene	0.00367		0.00201	0.000459	mg/Kg		10/24/22 13:30	10/29/22 04:54	1
Ethylbenzene	<0.000568	U *- *1	0.00201	0.000568	mg/Kg		10/24/22 13:30	10/29/22 04:54	1
m-Xylene & p-Xylene	<0.00102	U *- *1	0.00402	0.00102	mg/Kg		10/24/22 13:30	10/29/22 04:54	1
o-Xylene	< 0.000346	U *- *1	0.00201	0.000346	mg/Kg		10/24/22 13:30	10/29/22 04:54	1
Xylenes, Total	<0.00102	U *- *1	0.00402	0.00102	mg/Kg		10/24/22 13:30	10/29/22 04:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/24/22 13:30	10/29/22 04:54	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/24/22 13:30	10/29/22 04:54	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00367	J	0.00402	0.00102	mg/Kg			10/31/22 10:08	1
Method: SW846 8015 NM - Die	esel Range	Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	538		50.0	15.0	mg/Kg			10/25/22 10:47	1
Method: SW846 8015B NM - D	iesel Range	e Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	35.7	J	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 18:54	1
Diesel Range Organics (Over C10-C28)	502		50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 18:54	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/24/22 09:00	10/24/22 18:54	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-19 Lab Sample ID: 880-20623-19

Date Collected: 10/19/22 13:28 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	269		5.01	0.396	mg/Kg			10/24/22 18:36	1

Client Sample ID: S-20 Lab Sample ID: 880-20623-20 Matrix: Solid

Date Collected: 10/19/22 13:26 Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0499		0.0200	0.00386	mg/Kg		10/24/22 13:30	10/29/22 06:17	10
Toluene	0.0343		0.0200	0.00457	mg/Kg		10/24/22 13:30	10/29/22 06:17	10
Ethylbenzene	0.196	*- *1	0.0200	0.00566	mg/Kg		10/24/22 13:30	10/29/22 06:17	10
m-Xylene & p-Xylene	0.0375	J *- *1	0.0401	0.0101	mg/Kg		10/24/22 13:30	10/29/22 06:17	10
o-Xylene	0.0121	J *- *1	0.0200	0.00345	mg/Kg		10/24/22 13:30	10/29/22 06:17	10
Xylenes, Total	0.0496	*- *1	0.0401	0.0101	mg/Kg		10/24/22 13:30	10/29/22 06:17	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130				10/24/22 13:30	10/29/22 06:17	10
1,4-Difluorobenzene (Surr)	117		70 - 130				10/24/22 13:30	10/29/22 06:17	10

Analyte	Result Qualit	fier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.330	0.0401	0.0101	mg/Kg			10/31/22 10:08	1
Method: SW846 8015 NM - Die	sel Range Organ	nics (DRO) (GC)						

		9 (– (–	, (,						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2580		49.9	15.0	mg/Kg			10/25/22 10:47	1
Method: SW846 8015B NM - I	Diesel Range	Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	137		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 19:15	1

(GRO)-C6-C10 Diesel Range Organics (Over	2440	49.9	15.0 mg/Kg	10/24/22 09:00	10/24/22 19:15	1
C10-C28) OII Range Organics (Over C28-C36)	<15.0 U	49.9	15.0 mg/Kg	10/24/22 09:00	10/24/22 19:15	1
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac
1-Chlorooctane	109	70 - 130		10/24/22 09:00	10/24/22 19:15	1
o-Terphenyl	117	70 - 130		10/24/22 09:00	10/24/22 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		5.03	0.397	mg/Kg			10/24/22 18:51	1

Eurofins Midland

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

 Client Sample ID: S-21
 Lab Sample ID: 880-20623-21

 Date Collected: 10/19/22 13:24
 Matrix: Solid

Date Collected: 10/19/22 13:24
Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		10/24/22 13:48	10/29/22 16:25	
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		10/24/22 13:48	10/29/22 16:25	
Ethylbenzene	0.00627	F1	0.00200	0.000566	mg/Kg		10/24/22 13:48	10/29/22 16:25	
m-Xylene & p-Xylene	0.00465	F1	0.00401	0.00101	mg/Kg		10/24/22 13:48	10/29/22 16:25	
o-Xylene	0.00565		0.00200	0.000345	mg/Kg		10/24/22 13:48	10/29/22 16:25	
Xylenes, Total	0.0103	F1	0.00401	0.00101	mg/Kg		10/24/22 13:48	10/29/22 16:25	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	104		70 - 130				10/24/22 13:48	10/29/22 16:25	
1,4-Difluorobenzene (Surr)	95		70 - 130				10/24/22 13:48	10/29/22 16:25	
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.0166		0.00401	0.00101	mg/Kg			10/31/22 10:18	
Method: SW846 8015 NM - Die	esel Range (Organics (DRO) (GC)						
Analyte	Result	Organics (Qualifier	RL	MDL		D	Prepared	Analyzed	
			, , ,		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 10/25/22 10:41	
Analyte	Result 822	Qualifier	RL 49.8			<u>D</u>	Prepared		
Analyte Total TPH	Result 822 Diesel Range	Qualifier	RL 49.8		mg/Kg	<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: SW846 8015B NM - E	Result 822 Diesel Range	Qualifier Qualifier Qualifier	RL 49.8 (DRO) (GC)	14.9	mg/Kg	_ =	<u> </u>	10/25/22 10:41 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result 822 Diesel Range Result	Qualifier Organics Qualifier	RL 49.8 (DRO) (GC) RL	14.9 MDL 14.9	mg/Kg Unit	_ =	Prepared 10/24/22 09:02	10/25/22 10:41 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - DE Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 822 Diesel Range Result 144	Qualifier Organics Qualifier B	RL 49.8 (DRO) (GC) RL 49.8	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02	10/25/22 10:41 Analyzed 10/24/22 12:49	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Description of the state o	Result 822 Diesel Range Result 144 678	Qualifier Organics Qualifier B	RL 49.8 G (DRO) (GC) RL 49.8 49.8	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02	10/25/22 10:41 Analyzed 10/24/22 12:49 10/24/22 12:49	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 822 Diesel Range Result 144 678	Qualifier Organics Qualifier B	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02 10/24/22 09:02	Analyzed 10/24/22 12:49 10/24/22 12:49 10/24/22 12:49	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 822 Diesel Range Result 144 678 <14.9	Qualifier Organics Qualifier B	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 Limits	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02 10/24/22 09:02 Prepared 10/24/22 09:02	Analyzed 10/24/22 12:49 10/24/22 12:49 10/24/22 12:49 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 822	Qualifier Organics Qualifier B U Qualifier	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02 10/24/22 09:02 Prepared 10/24/22 09:02	Analyzed 10/24/22 12:49 10/24/22 12:49 10/24/22 12:49 Analyzed 10/24/22 12:49	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E 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	Qualifier Organics Qualifier B U Qualifier	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02 10/24/22 09:02 Prepared 10/24/22 09:02	Analyzed 10/24/22 12:49 10/24/22 12:49 10/24/22 12:49 Analyzed 10/24/22 12:49	Dil Fac

Client Sample ID: S-22

Date Collected: 10/19/22 13:22

Lab Sample ID: 880-20623-22

Matrix: Solid

Date Collected: 10/19/22 13:22 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/24/22 13:48	10/29/22 16:46	1
Toluene	0.0351		0.00200	0.000455	mg/Kg		10/24/22 13:48	10/29/22 16:46	1
Ethylbenzene	0.0111		0.00200	0.000564	mg/Kg		10/24/22 13:48	10/29/22 16:46	1
m-Xylene & p-Xylene	0.00781		0.00399	0.00101	mg/Kg		10/24/22 13:48	10/29/22 16:46	1
o-Xylene	0.0106		0.00200	0.000343	mg/Kg		10/24/22 13:48	10/29/22 16:46	1
Xylenes, Total	0.0184		0.00399	0.00101	mg/Kg		10/24/22 13:48	10/29/22 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/24/22 13:48	10/29/22 16:46	1

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-22 Lab Sample ID: 880-20623-22

Date Collected: 10/19/22 13:22 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Method: SW846 8021B	· Volatile Organic Compounds	(GC) (Continued)
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Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	78		70 - 130	10/24/22 13:48	10/29/22 16:46	1

Analyte	Result Qualifier	RL	MDL U	nit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0646	0.00399	0.00101 m	ng/Kg			10/31/22 10:18	1

Analyte	Result Qu	ualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	312	49.9	15.0	mg/Kg			10/25/22 10:41	1

		9	(-::-) (-:)						
Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	56.5		49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:11	1
Diesel Range Organics (Over C10-C28)	255 E	3	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:11	1
Oll Range Organics (Over C28-C36)	<15.0 l	J	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:11	1
	0.1-								

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	10/24/22 09:02	10/24/22 13:11	1
o-Terphenyl	93		70 - 130	10/24/22 09:02	10/24/22 13:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D)	Prepared	Analyzed	Dil Fac
Chloride	280		4.96	0.392	mg/Kg				10/24/22 19:01	1

Lab Sample ID: 880-20623-23 Client Sample ID: S-23 **Matrix: Solid**

Date Collected: 10/19/22 13:20 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Mothod: CIMOAC 0021D	Volatila Organia Compounde /	CC

Michiga. Offoro out 15 - vo	nathe Organie	Compount	us (55)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:48	10/29/22 17:06	1
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:48	10/29/22 17:06	1
Ethylbenzene	0.000991	J	0.00199	0.000563	mg/Kg		10/24/22 13:48	10/29/22 17:06	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:48	10/29/22 17:06	1
o-Xylene	0.000566	J	0.00199	0.000343	mg/Kg		10/24/22 13:48	10/29/22 17:06	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:48	10/29/22 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/24/22 13:48	10/29/22 17:06	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/24/22 13:48	10/29/22 17:06	1

lation	
ı	lation

Analyte	Result (Qualifier	RL	MDL	Unit)	Prepared	Analyzed	Dil Fac
Total BTEX	0.00156	J	0.00398	0.00101	mg/Kg			10/31/22 10:18	1

Method: SW846	8015 NM - Di	esel Range O	rganics (DRO)	(GC)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	32.8 J	49.8	14.9 mg/Kg			10/25/22 10:41	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-23 Lab Sample ID: 880-20623-23

Date Collected: 10/19/22 13:20 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.9	U	49.8	14.9	mg/Kg		10/24/22 09:02	10/24/22 11:45	1
Diesel Range Organics (Over C10-C28)	32.8	JB	49.8	14.9	mg/Kg		10/24/22 09:02	10/24/22 11:45	1
OII Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		10/24/22 09:02	10/24/22 11:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				10/24/22 09:02	10/24/22 11:45	1
o-Terphenyl	109		70 - 130				10/24/22 09:02	10/24/22 11:45	1
Method: EPA 300.0 - Anions,	Ion Chromat	tography -	Soluble						
		0	DI.	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	RL	IVIDE	OTHE		riepaieu	Allalyzea	Diriac

Client Sample ID: S-24 Lab Sample ID: 880-20623-24 **Matrix: Solid**

Date Collected: 10/19/22 13:18

Date Received: 10/21/22 12:10

Sample Denth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg		10/24/22 13:48	10/29/22 17:27	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg		10/24/22 13:48	10/29/22 17:27	1
Ethylbenzene	< 0.000559	U	0.00198	0.000559	mg/Kg		10/24/22 13:48	10/29/22 17:27	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg		10/24/22 13:48	10/29/22 17:27	1
o-Xylene	< 0.000341	U	0.00198	0.000341	mg/Kg		10/24/22 13:48	10/29/22 17:27	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		10/24/22 13:48	10/29/22 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				10/24/22 13:48	10/29/22 17:27	1
1,4-Difluorobenzene (Surr)	91		70 - 130				10/24/22 13:48	10/29/22 17:27	1
_ Method: TAL SOP Total B1	ΓEX - Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	mg/Kg			10/31/22 10:18	1
- Method: SW846 8015 NM -	Diesel Range	Organics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		J	49.9	15.0	mg/Kg			10/25/22 10:41	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	28.9	J	49.9	15.0	mg/Kg			10/25/22 10:41	1
Method: SW846 8015B NM - [Diesel Range	Organics	(DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:32	1
Diesel Range Organics (Over C10-C28)	28.9	JB	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:32	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/24/22 09:02	10/24/22 13:32	1
o-Terphenyl	93		70 - 130				10/24/22 09:02	10/24/22 13:32	1

Eurofins Midland

5/31/2023 (Rev. 1)

Matrix: Solid

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-24 Lab Sample ID: 880-20623-24

Date Collected: 10/19/22 13:18 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	484		5.01	0.396	mg/Kg			10/24/22 19:10	1

Client Sample ID: S-25 Lab Sample ID: 880-20623-25

Date Collected: 10/19/22 13:16 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:48	10/29/22 17:47	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		10/24/22 13:48	10/29/22 17:47	1
Ethylbenzene	0.000695	J	0.00199	0.000562	mg/Kg		10/24/22 13:48	10/29/22 17:47	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		10/24/22 13:48	10/29/22 17:47	1
o-Xylene	< 0.000342	U	0.00199	0.000342	mg/Kg		10/24/22 13:48	10/29/22 17:47	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		10/24/22 13:48	10/29/22 17:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				10/24/22 13:48	10/29/22 17:47	1
1,4-Difluorobenzene (Surr)	94		70 - 130				10/24/22 13:48	10/29/22 17:47	1

WELLIOU. TAL SUP TOTAL BIEN	- IUlai DIE	A Galculati	IOII						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			10/31/22 10:18	1

Method: SW846 8015 NM - Die	sel Range (Organics ((DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	582		49.9	15.0	mg/Kg			10/25/22 10:41	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	71.5		49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:54	1
Diesel Range Organics (Over C10-C28)	510	В	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:54	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/24/22 09:02	10/24/22 13:54	1
o-Terphenyl	94		70 - 130				10/24/22 09:02	10/24/22 13:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
Analyte	Result Qualifie	er RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	370	5.02	0.397	mg/Kg			10/24/22 19:15	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-26 Lab Sample ID: 880-20623-26

Date Collected: 10/19/22 13:14 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/24/22 13:48	10/29/22 18:07	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		10/24/22 13:48	10/29/22 18:07	1
Ethylbenzene	0.000665	J	0.00200	0.000564	mg/Kg		10/24/22 13:48	10/29/22 18:07	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:48	10/29/22 18:07	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		10/24/22 13:48	10/29/22 18:07	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:48	10/29/22 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				10/24/22 13:48	10/29/22 18:07	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/24/22 13:48	10/29/22 18:07	1
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			10/31/22 10:18	1
			, , ,						
		Organics (Qualifier	DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte			, , ,		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 10/25/22 10:41	Dil Fac
Analyte Total TPH	Result 1630	Qualifier	RL 49.9			<u>D</u>	Prepared		Dil Fac
Analyte Total TPH : Method: SW846 8015B NM - [Result 1630 Diesel Range	Qualifier	RL 49.9		mg/Kg	<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics	Result 1630 Diesel Range	Qualifier Organics	RL 49.9	15.0 MDL	mg/Kg	_ =		10/25/22 10:41	1
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 1630 Diesel Range Result	Qualifier Organics Qualifier	RL 49.9 (DRO) (GC) RL	15.0 MDL 15.0	mg/Kg	_ =	Prepared 10/24/22 09:02	10/25/22 10:41 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - December 19 PM - December 19 P	Result 1630 Diesel Range Result 252	Qualifier Organics Qualifier B	RL 49.9 (GC) RL 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02	10/25/22 10:41 Analyzed 10/24/22 14:16	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 1630 Diesel Range Result 252 1380 <15.0 %Recovery	Qualifier Organics Qualifier B	RL 49.9 (GC) RL 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02	Analyzed 10/24/22 14:16 10/24/22 14:16 10/24/22 14:16 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 1630 Diesel Range Result 252 1380 <15.0	Qualifier Organics Qualifier B	RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02 10/24/22 09:02	Analyzed 10/24/22 14:16 10/24/22 14:16 10/24/22 14:16	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Description of the state o	Result 1630 Diesel Range Result 252 1380 <15.0 %Recovery	Qualifier Organics Qualifier B	RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02 10/24/22 09:02 Prepared 10/24/22 09:02	Analyzed 10/24/22 14:16 10/24/22 14:16 10/24/22 14:16 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions,	Result 1630 1630 252 1380 <15.0 %Recovery 113 111	Qualifier Organics Qualifier B U Qualifier	RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02 10/24/22 09:02 Prepared 10/24/22 09:02	Analyzed 10/24/22 14:16 10/24/22 14:16 10/24/22 14:16 Analyzed 10/24/22 14:16	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - I 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 1630 1630 252 1380 <15.0 %Recovery 113 111	Qualifier Organics Qualifier B U Qualifier	RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	15.0 MDL 15.0 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02 10/24/22 09:02 Prepared 10/24/22 09:02	Analyzed 10/24/22 14:16 10/24/22 14:16 10/24/22 14:16 Analyzed 10/24/22 14:16	Dil Fac Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac 1

Client Sample ID: S-27 Lab Sample ID: 880-20623-27 **Matrix: Solid**

Date Collected: 10/19/22 13:12

Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:48	10/29/22 18:28	1
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:48	10/29/22 18:28	1
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		10/24/22 13:48	10/29/22 18:28	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:48	10/29/22 18:28	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		10/24/22 13:48	10/29/22 18:28	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:48	10/29/22 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				10/24/22 13:48	10/29/22 18:28	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-27 Lab Sample ID: 880-20623-27

Date Collected: 10/19/22 13:12 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 1.5

Method: SW846 8021B	· Volatile Organic Compounds	(GC) (Continued)
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Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100	70 - 130	10/24/22 13:48	10/29/22 18:28	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			10/31/22 10:18	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2770	50.0	15.0 mg/Kg			10/25/22 10:41	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	224		50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:37	1
Diesel Range Organics (Over C10-C28)	2550	В	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:37	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:37	1
2	0/ 🗖	0	1.2					A	D# E

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	10/24/22 09:02	10/24/22 14:37	1
o-Terphenyl	98		70 - 130	10/24/22 09:02	10/24/22 14:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		4.96	0.392	mg/Kg			10/25/22 13:25	1

Lab Sample ID: 880-20623-28 Client Sample ID: S-28 Matrix: Solid

Date Collected: 10/19/22 13:10 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Mothod: CIMOAC 0021D	Volatila Organia Compounde /	CC

Wellion: 20040 0021D - VC	name Organic	Compound	us (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:48	10/29/22 18:48	1
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:48	10/29/22 18:48	1
Ethylbenzene	0.00260		0.00199	0.000563	mg/Kg		10/24/22 13:48	10/29/22 18:48	1
m-Xylene & p-Xylene	0.00157	J	0.00398	0.00101	mg/Kg		10/24/22 13:48	10/29/22 18:48	1
o-Xylene	0.00306		0.00199	0.000343	mg/Kg		10/24/22 13:48	10/29/22 18:48	1
Xylenes, Total	0.00463		0.00398	0.00101	mg/Kg		10/24/22 13:48	10/29/22 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/24/22 13:48	10/29/22 18:48	1
1,4-Difluorobenzene (Surr)	93		70 - 130				10/24/22 13:48	10/29/22 18:48	1

Method:	ΤΔΙ	SOP	Total	RTFX	- T∩tal	RTFX	Calculation

Analyte	Result Qualifi	fier RL	MDL I	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00723	0.00398	0.00101 r	mg/Kg			10/31/22 10:18	1

Analyte	Result Qualifier	, RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	906	50.0	15.0 mg/Kg			10/25/22 10:41	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-28 Lab Sample ID: 880-20623-28

Date Collected: 10/19/22 13:10 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	170		50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:59	1
Diesel Range Organics (Over C10-C28)	736	В	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:59	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				10/24/22 09:02	10/24/22 14:59	1
o-Terphenyl	96		70 - 130				10/24/22 09:02	10/24/22 14:59	1
_ ' '									
Method: EPA 300.0 - Anions,	lon Chroma	tography -	Soluble						
- -		tography - Qualifier	Soluble RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Lab Sample ID: 880-20623-29 **Client Sample ID: S-29** Matrix: Solid

Date Collected: 10/19/22 13:08 Date Received: 10/21/22 12:10

Sample Depth: 1.5

	ic Organic	Compound	us (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		10/24/22 13:48	10/29/22 19:09	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:48	10/29/22 19:09	1
Ethylbenzene	0.00264		0.00201	0.000568	mg/Kg		10/24/22 13:48	10/29/22 19:09	1
m-Xylene & p-Xylene	0.00172	J	0.00402	0.00102	mg/Kg		10/24/22 13:48	10/29/22 19:09	1
o-Xylene	0.00688		0.00201	0.000346	mg/Kg		10/24/22 13:48	10/29/22 19:09	1
Xylenes, Total	0.00860		0.00402	0.00102	mg/Kg		10/24/22 13:48	10/29/22 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				10/24/22 13:48	10/29/22 19:09	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/24/22 13:48	10/29/22 19:09	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0112		0.00402	0.00102	mg/Kg			10/31/22 10:18	1
Method: SW846 8015 NM - Die									
INICITION. SYVONO OUTS INIVI - DIE	sei Kange (Organics (DRO) (GC)						
		Organics (Qualifier	DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte					Unit mg/Kg	<u>D</u>	Prepared	Analyzed 10/25/22 10:41	Dil Fac
Analyte Total TPH	Result 1170	Qualifier	RL 49.9	15.0		<u>D</u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - D	Result 1170 iesel Range	Qualifier	RL 49.9	15.0	mg/Kg	<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: SW846 8015B NM - D	Result 1170 iesel Range	Qualifier Organics	RL 49.9 (DRO) (GC)	15.0 MDL	mg/Kg	— <u>-</u>		10/25/22 10:41	1
Analyte Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics	Result 1170 iesel Range Result	Qualifier Organics Qualifier	49.9 (DRO) (GC)	15.0 MDL 15.0	mg/Kg Unit	— <u>-</u>	Prepared	10/25/22 10:41 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 1170 iesel Range Result 226	Qualifier Organics Qualifier B	RL 49.9 (DRO) (GC) RL 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg	— <u>-</u>	Prepared 10/24/22 09:02	Analyzed 10/24/22 15:21 10/24/22 15:21	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 1170 iesel Range Result 226 945	Qualifier Organics Qualifier B	RL 49.9 (DRO) (GC) RL 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg	— <u>-</u>	Prepared 10/24/22 09:02 10/24/22 09:02	Analyzed 10/24/22 15:21 10/24/22 15:21	1 Dil Fac 1
Analyte Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 1170	Qualifier Organics Qualifier B	RL 49.9 (GC) (RL 49.9 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg	— <u>-</u>	Prepared 10/24/22 09:02 10/24/22 09:02 10/24/22 09:02	Analyzed 10/24/22 15:21 10/24/22 15:21 10/24/22 15:21	1 Dil Fac 1 1

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1
Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-29 Lab Sample ID: 880-20623-29

Date Collected: 10/19/22 13:08 Matrix: Solid
Date Received: 10/21/22 12:10

Sample Depth: 1.5

Method: EPA 300.0 - Anions, Id	on Chromat	ography -	Soluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	433		5.01	0.396	mg/Kg			10/25/22 13:45	1

Client Sample ID: S-30 Lab Sample ID: 880-20623-30

Date Collected: 10/19/22 13:06

Date Received: 10/21/22 12:10

Sample Depth: 1.5

(GRO)-C6-C10

C10-C28)

Surrogate

o-Terphenyl

1-Chlorooctane

Diesel Range Organics (Over

Oll Range Organics (Over C28-C36)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:48	10/29/22 19:29	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		10/24/22 13:48	10/29/22 19:29	1
Ethylbenzene	0.0176		0.00199	0.000562	mg/Kg		10/24/22 13:48	10/29/22 19:29	1
m-Xylene & p-Xylene	0.0146		0.00398	0.00100	mg/Kg		10/24/22 13:48	10/29/22 19:29	1
o-Xylene	0.0375		0.00199	0.000342	mg/Kg		10/24/22 13:48	10/29/22 19:29	1
Xylenes, Total	0.0521		0.00398	0.00100	mg/Kg		10/24/22 13:48	10/29/22 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	210	S1+	70 - 130				10/24/22 13:48	10/29/22 19:29	1
1,4-Difluorobenzene (Surr)	88		70 400				40/04/00 40:40	40/00/00 40:00	1
- 1,4-Dilluolobelizelle (Sull)	88		70 - 130				10/24/22 13:48	10/29/22 19:29	,
		X Calculat					10/24/22 13:48	10/29/22 19:29	,
Method: TAL SOP Total BTE: Analyte	X - Total BTE	X Calculat Qualifier		MDL	Unit	D	Prepared	10/29/22 19:29 Analyzed	Dil Fac
Method: TAL SOP Total BTE	X - Total BTE		ion	MDL 0.00100		<u>D</u>			Dil Fac
Method: TAL SOP Total BTE	X - Total BTE Result 0.0697	Qualifier	ion RL 0.00398			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTE Analyte Total BTEX	X - Total BTE Result 0.0697	Qualifier	ion RL 0.00398	0.00100		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - D	X - Total BTE Result 0.0697	Qualifier Organics (ion RL 0.00398	0.00100 MDL	mg/Kg	_ =	Prepared	Analyzed 10/31/22 10:18	1
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - D Analyte	X - Total BTE Result 0.0697 iesel Range (Result 1760	Qualifier Organics (I	RL 0.00398 - DRO) (GC) RL 49.9	0.00100 MDL 15.0	mg/Kg	_ =	Prepared	Analyzed 10/31/22 10:18 Analyzed	1
Method: TAL SOP Total BTE Analyte Total BTEX Method: SW846 8015 NM - D Analyte Total TPH	X - Total BTE Result 0.0697 iesel Range (Result 1760 Diesel Range	Qualifier Organics (I	RL 0.00398 - DRO) (GC) RL 49.9	0.00100 MDL 15.0	mg/Kg	_ =	Prepared	Analyzed 10/31/22 10:18 Analyzed	1

Ì								
	Method: EPA 300.0 - Anions, Id	on Chromatograph	y - Soluble					
	Analyte	Result Qualifier	r RL	MDL Uni	it D	Prepared	Analyzed	Dil Fac
	Chloride	82.4	5.02	0.397 mg/	/Kg		10/25/22 13:50	1

49.9

49.9

Limits

70 - 130

70 - 130

1380 B

<15.0 U

%Recovery Qualifier

113

107

15.0 mg/Kg

15.0 mg/Kg

Eurofins Midland

10/24/22 09:02 10/24/22 15:42

10/24/22 09:02 10/24/22 15:42

10/24/22 09:02 10/24/22 15:42

10/24/22 09:02 10/24/22 15:42

Analyzed

Dil Fac

Prepared

Lab Sample ID: 880-20623-31

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-31

Date Collected: 10/19/22 13:04 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		10/24/22 13:48	10/29/22 21:18	
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:48	10/29/22 21:18	
Ethylbenzene	0.00134	J	0.00201	0.000568	mg/Kg		10/24/22 13:48	10/29/22 21:18	1
m-Xylene & p-Xylene	0.00114	J	0.00402	0.00102	mg/Kg		10/24/22 13:48	10/29/22 21:18	1
o-Xylene	0.00151	J	0.00201	0.000346	mg/Kg		10/24/22 13:48	10/29/22 21:18	1
Xylenes, Total	0.00265	J	0.00402	0.00102	mg/Kg		10/24/22 13:48	10/29/22 21:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	101		70 - 130				10/24/22 13:48	10/29/22 21:18	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/24/22 13:48	10/29/22 21:18	1
			DI	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total BTEX	0.00399		0.00402	0.00102				10/31/22 10:18	1
Total BTEX Method: SW846 8015 NM - Did	0.00399 esel Range (J Organics (0.00402 DRO) (GC)	0.00102	mg/Kg	=	<u> </u>	10/31/22 10:18	1
Total BTEX	0.00399 esel Range (J	0.00402	0.00102 MDL	mg/Kg	<u>D</u>	Prepared		Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	0.00399 esel Range (Result 478	J Organics (Qualifier	0.00402 DRO) (GC) RL 49.9	0.00102 MDL 15.0	mg/Kg Unit	=	<u> </u>	10/31/22 10:18 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E	0.00399 esel Range (Result 478 Diesel Range	Organics (Qualifier Organics	0.00402 DRO) (GC) RL 49.9 (DRO) (GC	0.00102 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	10/31/22 10:18 Analyzed 10/25/22 10:41	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E Analyte	0.00399 esel Range (Result 478 Diesel Range Result	J Organics (Qualifier	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL	0.00102 MDL 15.0	mg/Kg Unit mg/Kg Unit	=	Prepared Prepared	10/31/22 10:18 Analyzed 10/25/22 10:41 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E	0.00399 esel Range (Result 478 Diesel Range	Organics (Qualifier Organics	0.00402 DRO) (GC) RL 49.9 (DRO) (GC	0.00102 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	10/31/22 10:18 Analyzed 10/25/22 10:41	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	0.00399 esel Range (Result 478 Diesel Range Result	Organics (Qualifier Organics Qualifier Qualifier	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL	0.00102 MDL 15.0) MDL 15.0	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	10/31/22 10:18 Analyzed 10/25/22 10:41 Analyzed 10/24/22 16:30	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10	0.00399 esel Range (Result 478 Diesel Range Result 62.6	Organics (Qualifier Organics Qualifier B	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	0.00102 MDL 15.0) MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 10/24/22 09:02	Analyzed 10/25/22 10:41 Analyzed 10/24/22 16:30 10/24/22 16:30	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.00399 esel Range (Result 478 Diesel Range Result 62.6	Organics (Qualifier Organics Qualifier B	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	0.00102 MDL 15.0) MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 10/24/22 09:02 10/24/22 09:02	Analyzed 10/25/22 10:41 Analyzed 10/24/22 16:30 10/24/22 16:30	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	0.00399 esel Range (Result 478 Diesel Range Result 62.6 415	Organics (Qualifier Organics Qualifier B	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	0.00102 MDL 15.0) MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared 10/24/22 09:02 10/24/22 09:02	Analyzed 10/24/22 16:30 Analyzed 10/24/22 16:30 Analyzed Analyzed	

Client Sample ID: S-32

Date Collected: 10/19/22 13:02

Lab Sample ID: 880-20623-32

Matrix: Solid

RL

5.04

MDL Unit

0.398 mg/Kg

D

Prepared

Analyzed

10/25/22 13:55

Dil Fac

Result Qualifier

217

Date Collected: 10/19/22 13:02 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/24/22 13:48	10/29/22 21:39	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		10/24/22 13:48	10/29/22 21:39	1
Ethylbenzene	0.00277		0.00200	0.000564	mg/Kg		10/24/22 13:48	10/29/22 21:39	1
m-Xylene & p-Xylene	0.00235	J	0.00399	0.00101	mg/Kg		10/24/22 13:48	10/29/22 21:39	1
o-Xylene	0.00320		0.00200	0.000343	mg/Kg		10/24/22 13:48	10/29/22 21:39	1
Xylenes, Total	0.00555		0.00399	0.00101	mg/Kg		10/24/22 13:48	10/29/22 21:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				10/24/22 13:48	10/29/22 21:39	1

Lab Sample ID: 880-20623-32

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1
Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-32

Date Collected: 10/19/22 13:02 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Method: SW846 8021B	 Volatile Organic Compounds 	(GC) (Continued)

Surrogate		alifier Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107	70 - 130	10/24/22 13:48	10/29/22 21:39	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00832	0.00399	0.00101 mg/Kg			10/31/22 10:18	1

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1540		50.0	15.0	mg/Kg			10/25/22 10:41	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	232		50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 16:52	1
Diesel Range Organics (Over C10-C28)	1310	В	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 16:52	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	10/24/22 09:02	10/24/22 16:52	1
o-Terphenyl	106		70 - 130	10/24/22 09:02	10/24/22 16:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.0		4.98	0.393	mg/Kg			10/25/22 14:09	1

Client Sample ID: S-33

Date Collected: 10/19/22 13:00

Lab Sample ID: 880-20623-33

Matrix: Solid

Date Collected: 10/19/22 13:00 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Mothod:	C/MQ46 0024	P Volatile	Organic (Compounds	(CC)

WELLIOU. 344040 0021D - VC	name Organic	Compoun	us (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:48	10/29/22 21:59	1
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:48	10/29/22 21:59	1
Ethylbenzene	0.00103	J	0.00199	0.000563	mg/Kg		10/24/22 13:48	10/29/22 21:59	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:48	10/29/22 21:59	1
o-Xylene	0.00128	J	0.00199	0.000343	mg/Kg		10/24/22 13:48	10/29/22 21:59	1
Xylenes, Total	0.00128	J	0.00398	0.00101	mg/Kg		10/24/22 13:48	10/29/22 21:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/24/22 13:48	10/29/22 21:59	1
1.4-Difluorobenzene (Surr)	93		70 - 130				10/24/22 13:48	10/29/22 21:59	1

Mothod:	TAI	SUD	Total	RTFY	- Total	RTEY	Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00231	J	0.00398	0.00101	mg/Kg			10/31/22 10:18	1

Method: SW846 8015 NM - Diesel Range Organics	(DRO)	(GC)
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Analyte	Result Qualifier	, RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	391	49.9	15.0 mg/Kg			10/25/22 10:41	1

Eurofins Midland

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Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-33 Lab Sample ID: 880-20623-33

Matrix: Solid

Date Collected: 10/19/22 13:00 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	52.7		49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 17:13	1
Diesel Range Organics (Over C10-C28)	338	В	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 17:13	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 17:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				10/24/22 09:02	10/24/22 17:13	1
o-Terphenyl	96		70 - 130				10/24/22 09:02	10/24/22 17:13	1
Method: EPA 300.0 - Anions,	Ion Chroma	tography -	Soluble						
	- "	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	IXL	IVIDE	Oilit		rrepared	Allalyzea	Diriac

Lab Sample ID: 880-20623-34 Client Sample ID: S-34 Date Collected: 10/19/22 12:58 Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00115	J	0.00199	0.000383	mg/Kg		10/24/22 13:48	10/29/22 22:20	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		10/24/22 13:48	10/29/22 22:20	1
Ethylbenzene	0.00673		0.00199	0.000562	mg/Kg		10/24/22 13:48	10/29/22 22:20	1
m-Xylene & p-Xylene	0.00507		0.00398	0.00100	mg/Kg		10/24/22 13:48	10/29/22 22:20	1
o-Xylene	0.00946		0.00199	0.000342	mg/Kg		10/24/22 13:48	10/29/22 22:20	1
Xylenes, Total	0.0145		0.00398	0.00100	mg/Kg		10/24/22 13:48	10/29/22 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130				10/24/22 13:48	10/29/22 22:20	1
1,4-Difluorobenzene (Surr)	121		70 - 130				10/24/22 13:48	10/29/22 22:20	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allalyto									
Total BTEX	0.0224	<u> </u>	0.00398	0.00100	mg/Kg			10/31/22 10:18	1
Total BTEX				0.00100	mg/Kg			10/31/22 10:18	1
Total BTEX Method: SW846 8015 NM - Die	esel Range (•			0 0				·
Total BTEX	esel Range (Organics (DRO) (GC)	0.00100 MDL	0 0	D	Prepared	10/31/22 10:18 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Die	esel Range (•	DRO) (GC)	MDL	0 0	<u>D</u>	Prepared		·
Total BTEX Method: SW846 8015 NM - Die Analyte	esel Range (Result 2930	Qualifier	DRO) (GC) RL 50.0	MDL 15.0	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	esel Range (Result 2930	Qualifier	DRO) (GC) RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	esel Range (Result 2930	Qualifier Qualifier Qualifier	DRO) (GC) RL 50.0	MDL 15.0	Unit mg/Kg	_ =		Analyzed 10/25/22 10:41	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result 2930 Piesel Range Result	Qualifier Organics Qualifier	DRO) (GC) RL 50.0 (DRO) (GC) RL	MDL 15.0	Unit mg/Kg	_ =	Prepared 10/24/22 09:02	Analyzed 10/25/22 10:41 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 2930 Piesel Range Result 564	Qualifier Organics Qualifier B	DRO) (GC) RL 50.0 (DRO) (GC) RL 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02	Analyzed 10/25/22 10:41 Analyzed 10/24/22 17:35	Dil Fac Dil Fac 1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 2930 Piesel Range Result 564 2370	Qualifier Organics Qualifier B	DRO) (GC) RL 50.0 (DRO) (GC) RL 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02	Analyzed 10/25/22 10:41 Analyzed 10/24/22 17:35 10/24/22 17:35	Dil Fac Dil Fac 1 1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 2930 Diesel Range Result 564 2370 <15.0	Qualifier Organics Qualifier B	DRO) (GC) RL 50.0 (DRO) (GC) RL 50.0 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 09:02 10/24/22 09:02 10/24/22 09:02	Analyzed 10/25/22 10:41 Analyzed 10/24/22 17:35 10/24/22 17:35	Dil Fac Dil Fac 1

Lab Sample ID: 880-20623-34

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-34

Date Collected: 10/19/22 12:58 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Method: EPA 300.0 - Anions,	lon Chromat	ography -	Soluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.5		5.00	0.395	mg/Kg			10/25/22 14:19	1

Client Sample ID: S-35

Date Collected: 10/20/22 10:00

Lab Sample ID: 880-20623-35

Matrix: Solid

Date Collected: 10/20/22 10:00 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		10/24/22 13:48	10/29/22 22:40	1
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:48	10/29/22 22:40	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		10/24/22 13:48	10/29/22 22:40	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:48	10/29/22 22:40	1
o-Xylene	< 0.000346	U	0.00201	0.000346	mg/Kg		10/24/22 13:48	10/29/22 22:40	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:48	10/29/22 22:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/24/22 13:48	10/29/22 22:40	1
1,4-Difluorobenzene (Surr)	93		70 - 130				10/24/22 13:48	10/29/22 22:40	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00402	0.00102	mg/Kg	_		10/31/22 10:18	1
	Discoul Description	.	(DDO) (OO)						

MDL Uni	Jnit D	Prepared	Analyzed	Dil Fac
			-	
15.0 mg/	ng/Kg		10/25/22 10:41	1
	15.0 r	15.0 mg/Kg	15.0 mg/Kg	15.0 mg/Kg 10/25/22 10:41

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	45.2	J	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 17:56	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 17:56	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				10/24/22 09:02	10/24/22 17:56	1
o-Terphenyl	119		70 - 130				10/24/22 09:02	10/24/22 17:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
Analyte	Result Qua	alifier R	L MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	739	4.9	7 0.393	mg/Kg			10/25/22 14:24	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-36 Lab Sample ID: 880-20623-36

Matrix: Solid

Date Collected: 10/20/22 10:02 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/24/22 13:48	10/29/22 23:00	
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		10/24/22 13:48	10/29/22 23:00	
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		10/24/22 13:48	10/29/22 23:00	
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:48	10/29/22 23:00	
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		10/24/22 13:48	10/29/22 23:00	
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:48	10/29/22 23:00	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	101		70 - 130				10/24/22 13:48	10/29/22 23:00	-
1,4-Difluorobenzene (Surr)	94		70 - 130				10/24/22 13:48	10/29/22 23:00	
Method: TAL SOP Total BTEX	: - Total BTE	X Calcula	tion						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			10/31/22 10:18	
Method: SW846 8015 NM - Die Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH	<15.0	U	49.9	15.0	mg/Kg			10/25/22 10:41	
Method: SW846 8015B NM - D	Diesel Range	Organics	s (DRO) (GC))					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 18:18	,
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 18:18	
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 18:18	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	120		70 - 130				10/24/22 09:02	10/24/22 18:18	
o-Terphenyl	115		70 - 130				10/24/22 09:02	10/24/22 18:18	
Method: EPA 300.0 - Anions,	lon Chroma	tography	- Soluble						

Client Sample ID: S-37 Lab Sample ID: 880-20623-37

4.96

0.392 mg/Kg

10/25/22 14:29

Matrix: Solid

756

Date Collected: 10/20/22 10:04 Date Received: 10/21/22 12:10

Sample Depth: 2

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:48	10/29/22 23:21	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:48	10/29/22 23:21	1
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		10/24/22 13:48	10/29/22 23:21	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:48	10/29/22 23:21	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		10/24/22 13:48	10/29/22 23:21	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:48	10/29/22 23:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				10/24/22 13:48	10/29/22 23:21	

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-37 Lab Sample ID: 880-20623-37 Matrix: Solid

Date Collected: 10/20/22 10:04 Date Received: 10/21/22 12:10

Sample Depth: 2

Method: SW846 8021B - Volatile Orga	nic Compounds (GC) (Continued)
-------------------------------------	--------------------------------

Surrogate	%Recovery	Qualifier Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97	70 - 13		10/29/22 23:21	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg		•	10/31/22 10:18	1

Mothodi	SW846 8015	NIM Di	sool Dongo	Organica		(CC)	
Metrioa.	30040 OU 13	INIVI - DIE	esei Kallue	Organics	IUKUI	1001	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22.9	J	49.9	15.0	mg/Kg			10/25/22 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.9	J	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 18:39	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 18:39	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 18:39	1
0	0/5	0	1.5				D	A I	D# E

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	10/24/22 09:02	10/24/22 18:39	1
o-Terphenyl	115		70 - 130	10/24/22 09:02	10/24/22 18:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	682	F1	5.03	0.397	mg/Kg			10/25/22 14:34	1

Lab Sample ID: 880-20623-38 Client Sample ID: S-38 Matrix: Solid

Date Collected: 10/20/22 10:05 Date Received: 10/21/22 12:10

Sample Depth: 2

Mothod	CM046 0034	P Volatile	Organic Ca	omnounde (GC)

Wethod: 544646 8021B - VC	nathe Organic	Compound	as (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		10/24/22 13:48	10/29/22 23:41	1
Toluene	< 0.000456	U	0.00200	0.000456	mg/Kg		10/24/22 13:48	10/29/22 23:41	1
Ethylbenzene	< 0.000565	U	0.00200	0.000565	mg/Kg		10/24/22 13:48	10/29/22 23:41	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		10/24/22 13:48	10/29/22 23:41	1
o-Xylene	< 0.000344	U	0.00200	0.000344	mg/Kg		10/24/22 13:48	10/29/22 23:41	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		10/24/22 13:48	10/29/22 23:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/24/22 13:48	10/29/22 23:41	1
1,4-Difluorobenzene (Surr)	94		70 - 130				10/24/22 13:48	10/29/22 23:41	1

١	1,4-Difluorobenzene (Surr)	94	70 - 130	10/24/22 13:48 10/29/2	2
ì					

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00101	U	0.00400	0.00101	mg/Kg			10/31/22 10:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	50.0	15.0	mg/Kg			10/25/22 10:41	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-38 Lab Sample ID: 880-20623-38

Matrix: Solid

Date Received: 10/21/22 12:10 Sample Depth: 2

Date Collected: 10/20/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 19:01	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 19:01	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				10/24/22 09:02	10/24/22 19:01	1
o-Terphenyl	96		70 - 130				10/24/22 09:02	10/24/22 19:01	1
Method: EPA 300.0 - Anions,	Ion Chroma	tography -	Soluble						
Method: EPA 300.0 - Anions, Analyte		tography - Qualifier	Soluble RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-39 Lab Sample ID: 880-20623-39

Date Collected: 10/20/22 10:08 **Matrix: Solid**

Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	\overline{U}	0.00201	0.000387	mg/Kg		10/24/22 13:48	10/30/22 00:02	1
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:48	10/30/22 00:02	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		10/24/22 13:48	10/30/22 00:02	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:48	10/30/22 00:02	1
o-Xylene	< 0.000346	U	0.00201	0.000346	mg/Kg		10/24/22 13:48	10/30/22 00:02	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:48	10/30/22 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/24/22 13:48	10/30/22 00:02	1
1,4-Difluorobenzene (Surr)	97		70 - 130				10/24/22 13:48	10/30/22 00:02	1
Method: TAL SOP Total BTEX	: Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00402	0.00102	mg/Kg			10/31/22 10:18	1
Method: SW846 8015 NM - Die	esel Range	Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	45.3	J	50.0						
			50.0	15.0	mg/Kg			10/25/22 10:41	1
Method: SW846 8015B NM - D	Diesel Range				mg/Kg			10/25/22 10:41	1
Method: SW846 8015B NM - D Analyte	•					D	Prepared	10/25/22 10:41 Analyzed	1 Dil Fac
	•	Organics Qualifier	(DRO) (GC)			<u>D</u>	Prepared 10/24/22 09:02		
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Organics Qualifier	(DRO) (GC)	MDL 15.0	Unit	<u>D</u>	10/24/22 09:02	Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	<15.0	Organics Qualifier U	(DRO) (GC) RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	10/24/22 09:02	Analyzed 10/24/22 19:22 10/24/22 19:22	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <15.0 45.3	Organics Qualifier U JB	(DRO) (GC) RL 50.0	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	10/24/22 09:02 10/24/22 09:02	Analyzed 10/24/22 19:22 10/24/22 19:22	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <15.0 45.3 <15.0	Organics Qualifier U JB	(DRO) (GC) RL 50.0 50.0	MDL 15.0	Unit mg/Kg mg/Kg	<u>D</u>	10/24/22 09:02 10/24/22 09:02 10/24/22 09:02	Analyzed 10/24/22 19:22 10/24/22 19:22 10/24/22 19:22	1 1

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-39

Lab Sample ID: 880-20623-39

Date Collected: 10/20/22 10:08 Matrix: Solid
Date Received: 10/21/22 12:10

Sample Depth: 2

	Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Į	Chloride	1800		25.1	1.98	mg/Kg			10/25/22 14:53	5	

Client Sample ID: S-40 Lab Sample ID: 880-20623-40

Date Collected: 10/20/22 10:10 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000765	J	0.00200	0.000386	mg/Kg		10/24/22 13:48	10/30/22 00:22	1
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		10/24/22 13:48	10/30/22 00:22	1
Ethylbenzene	< 0.000566	U	0.00200	0.000566	mg/Kg		10/24/22 13:48	10/30/22 00:22	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		10/24/22 13:48	10/30/22 00:22	1
o-Xylene	< 0.000345	U	0.00200	0.000345	mg/Kg		10/24/22 13:48	10/30/22 00:22	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		10/24/22 13:48	10/30/22 00:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				10/24/22 13:48	10/30/22 00:22	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/24/22 13:48	10/30/22 00:22	1

WELLIOU. TAL SUP TOTAL BIEN	- IUlai DIE	A Gaiculat	1011						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg			10/31/22 10:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	377		49.9	15.0	mg/Kg			10/25/22 10:41	1

Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	32.0	J	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 19:43	1
Diesel Range Organics (Over C10-C28)	345	В	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 19:43	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/24/22 09:02	10/24/22 19:43	1
o-Terphenyl	104		70 - 130				10/24/22 09:02	10/24/22 19:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	1530		25.1	1.98	mg/Kg			10/25/22 15:08	5

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-41 Lab Sample ID: 880-20623-41

Date Collected: 10/20/22 10:12

Date Received: 10/21/22 12:10

Matrix: Solid

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000845	J	0.00201	0.000387	mg/Kg		10/24/22 13:52	10/29/22 18:28	1
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:52	10/29/22 18:28	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		10/24/22 13:52	10/29/22 18:28	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:52	10/29/22 18:28	1
o-Xylene	< 0.000346	U	0.00201	0.000346	mg/Kg		10/24/22 13:52	10/29/22 18:28	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:52	10/29/22 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				10/24/22 13:52	10/29/22 18:28	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/24/22 13:52	10/29/22 18:28	1
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00402	0.00102	mg/Kg			10/31/22 10:19	1
Method: SW846 8015 NM - Di	esel Range (Organics (DRO) (GC)						
Method: SW846 8015 NM - Di Analyte		Organics (Qualifier	DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
			, , ,		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 10/25/22 09:18	
Analyte Total TPH	Result 58.1	Qualifier	RL 49.8			<u>D</u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - I	Result 58.1 Diesel Range	Qualifier Organics	RL 49.8 (DRO) (GC)	14.9	mg/Kg	— <u>-</u>		10/25/22 09:18	1
Analyte Total TPH Method: SW846 8015B NM - I Analyte	Result 58.1 Diesel Range Result	Qualifier Organics Qualifier	RL 49.8 (DRO) (GC) RL	14.9 MDL	mg/Kg Unit	<u>D</u>	Prepared	10/25/22 09:18 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - I	Result 58.1 Diesel Range Result	Qualifier Organics	RL 49.8 (DRO) (GC)	14.9 MDL	mg/Kg	— <u>-</u>		10/25/22 09:18	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics	Result 58.1 Diesel Range Result	Qualifier Organics Qualifier J B *1	RL 49.8 (DRO) (GC) RL	14.9 MDL 14.9	mg/Kg Unit	— <u>-</u>	Prepared	10/25/22 09:18 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 58.1 Diesel Range Result 25.1	Qualifier Organics Qualifier J B *1	RL 49.8 (DRO) (GC) RL 49.8	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg	— <u>-</u>	Prepared 10/24/22 09:05 10/24/22 09:05	10/25/22 09:18 Analyzed 10/24/22 11:45	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 58.1 Diesel Range Result 25.1 33.0	Qualifier Organics Qualifier J B *1 U	RL 49.8 (DRO) (GC) RL 49.8 49.8	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg	— <u>-</u>	Prepared 10/24/22 09:05 10/24/22 09:05	10/25/22 09:18 Analyzed 10/24/22 11:45 10/24/22 11:45	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 58.1 Diesel Range Result 25.1 33.0 <14.9	Qualifier Organics Qualifier J B *1 U	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg	— <u>-</u>	Prepared 10/24/22 09:05 10/24/22 09:05	Analyzed 10/24/22 11:45 10/24/22 11:45	Dil Face
Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 58.1 Diesel Range Result 25.1 33.0 <14.9 %Recovery	Qualifier Organics Qualifier J B *1 U	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 Limits	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg	— <u>-</u>	Prepared 10/24/22 09:05 10/24/22 09:05 10/24/22 09:05 Prepared 10/24/22 09:05	Analyzed 10/24/22 11:45 10/24/22 11:45 Analyzed Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 58.1 Diesel Range Result 25.1 33.0 <14.9 **Recovery 99 108	Qualifier Organics Qualifier J B *1 U Qualifier	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg	— <u>-</u>	Prepared 10/24/22 09:05 10/24/22 09:05 10/24/22 09:05 Prepared 10/24/22 09:05	Analyzed 10/24/22 11:45 10/24/22 11:45 10/24/22 11:45 Analyzed 10/24/22 11:45	Dil Face 1 1 1 1 Dil Face 1
Analyte Total TPH Method: SW846 8015B NM - I 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	Qualifier Organics Qualifier J B *1 U Qualifier	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130	14.9 MDL 14.9 14.9	mg/Kg Unit mg/Kg mg/Kg mg/Kg	— <u>-</u>	Prepared 10/24/22 09:05 10/24/22 09:05 10/24/22 09:05 Prepared 10/24/22 09:05	Analyzed 10/24/22 11:45 10/24/22 11:45 10/24/22 11:45 Analyzed 10/24/22 11:45	Dil Fac 1 Dil Fac 1 1 Dil Fac 1 Dil Fac 1 Dil Fac

Client Sample ID: S-42

Date Collected: 10/20/22 10:14

Lab Sample ID: 880-20623-42

Matrix: Solid

Date Collected: 10/20/22 10:14 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000923	J	0.00200	0.000384	mg/Kg		10/24/22 13:52	10/29/22 18:49	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		10/24/22 13:52	10/29/22 18:49	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		10/24/22 13:52	10/29/22 18:49	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/29/22 18:49	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		10/24/22 13:52	10/29/22 18:49	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/29/22 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/24/22 13:52	10/29/22 18:49	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-42

Lab Sample ID: 880-20623-42

Date Collected: 10/20/22 10:14 Date Received: 10/21/22 12:10

Matrix: Solid

Sample Depth: 2

Method: SW846 8021B -	Volatile Organic Compounds ((GC) (Continued)
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Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96	70 - 130	10/24/22 13:52	10/29/22 18:49	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			10/31/22 10:19	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	44.8	J	49.9	15.0	mg/Kg			10/25/22 09:18	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	28.8	J B *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 12:49	1
Diesel Range Organics (Over C10-C28)	16.0	J	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 12:49	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 12:49	1
0	0/5	0	1.2					A	D# E

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	10/24/22 09:05	10/24/22 12:49	1
o-Terphenyl	121		70 - 130	10/24/22 09:05	10/24/22 12:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	215		4.99	0.394	mg/Kg			10/25/22 15:17	1

Lab Sample ID: 880-20623-43 **Client Sample ID: S-43 Matrix: Solid**

Date Collected: 10/20/22 10:16 Date Received: 10/21/22 12:10

Sample Depth: 2

Mothod:	C/MQ46 0024	P Volatile	Organic (Compounds	(CC)

1110111041 0110-10 00212	Jiatilo Olgaillo	Compount	40 (00)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00114	J	0.00199	0.000383	mg/Kg		10/24/22 13:52	10/29/22 19:09	1
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:52	10/29/22 19:09	1
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		10/24/22 13:52	10/29/22 19:09	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:52	10/29/22 19:09	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		10/24/22 13:52	10/29/22 19:09	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:52	10/29/22 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				10/24/22 13:52	10/29/22 19:09	1
1,4-Difluorobenzene (Surr)	107		70 - 130				10/24/22 13:52	10/29/22 19:09	1

Method:	ΤΔΙ	SOP	Total	RTFX	- T∩tal	RTFX	Calculation

Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00114 J		0.00398	0.00101	mg/Kg			10/31/22 10:19	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	44.7	J	49.8	14.9	mg/Kg			10/25/22 09:18	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-43 Lab Sample ID: 880-20623-43

Matrix: Solid

Date Collected: 10/20/22 10:16 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25.9	J B *1	49.8	14.9	mg/Kg		10/24/22 09:05	10/24/22 13:11	1
Diesel Range Organics (Over C10-C28)	18.8	J	49.8	14.9	mg/Kg		10/24/22 09:05	10/24/22 13:11	1
Oll Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		10/24/22 09:05	10/24/22 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				10/24/22 09:05	10/24/22 13:11	1
- , ,	104		70 - 130				10/24/22 09:05	10/24/22 13:11	1
o-Terphenyl -	104		70 - 750				10/2 //22 00:00		
, ,		tography -					70,2 1,22 00.00		
o-Terphenyl Method: EPA 300.0 - Anions, Analyte	lon Chroma	tography - Qualifier		MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-44 Lab Sample ID: 880-20623-44 Date Collected: 10/20/22 10:18 **Matrix: Solid**

Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00104	J	0.00201	0.000387	mg/Kg		10/24/22 13:52	10/29/22 19:30	1
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:52	10/29/22 19:30	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		10/24/22 13:52	10/29/22 19:30	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:52	10/29/22 19:30	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg		10/24/22 13:52	10/29/22 19:30	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:52	10/29/22 19:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				10/24/22 13:52	10/29/22 19:30	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/24/22 13:52	10/29/22 19:30	1
	0.00104	Qualifier J	0.00402	MDL 0.00102		<u>D</u>	Prepared	Analyzed 10/31/22 10:19	Dil Fac
Total BTEX	0.00104	J	0.00402				Trepared		
Total BTEX Method: SW846 8015 NM - Di	0.00104 esel Range (J	0.00402		mg/Kg	<u></u> D	Prepared		
Total BTEX Method: SW846 8015 NM - Di Analyte	0.00104 esel Range (J Organics (Qualifier	0.00402 DRO) (GC)	0.00102 MDL	mg/Kg	_ =		10/31/22 10:19	1
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH	0.00104 esel Range (Result 46.6	Organics (Qualifier J	0.00402 DRO) (GC) RL 49.9	0.00102 MDL 15.0	mg/Kg Unit	_ =		10/31/22 10:19 Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I	0.00104 esel Range (Result 46.6 Diesel Range	Organics (Qualifier J	0.00402 DRO) (GC) RL 49.9	0.00102 MDL 15.0	mg/Kg Unit mg/Kg	_ =		10/31/22 10:19 Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics	0.00104 esel Range (Result 46.6 Diesel Range	Organics (Qualifier J Organics	0.00402 DRO) (GC) RL 49.9 (DRO) (GC)	0.00102 MDL 15.0	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared	10/31/22 10:19 Analyzed 10/25/22 09:18	Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	0.00104 esel Range (Result 46.6 Diesel Range	Organics (Qualifier J Organics Qualifier J B *1	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL	0.00102 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit	<u></u> <u>D</u>	Prepared Prepared 10/24/22 09:05	10/31/22 10:19 Analyzed 10/25/22 09:18 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.00104 esel Range (Result 46.6 Diesel Range Result 17.1	Organics (Qualifier J Organics Qualifier J B *1	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	0.00102 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared Prepared 10/24/22 09:05	Analyzed 10/25/22 09:18 Analyzed 10/25/22 13:32 10/24/22 13:32	Dil Fac Dil Fac 1
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	0.00104 esel Range (Result 46.6 Diesel Range Result 17.1 29.5	Organics (Qualifier J Organics Qualifier J B *1 U	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	0.00102 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u></u> <u>D</u>	Prepared Prepared 10/24/22 09:05 10/24/22 09:05	Analyzed 10/25/22 09:18 Analyzed 10/24/22 13:32 10/24/22 13:32	Dil Fac Dil Fac 1
Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	0.00104 esel Range (Result 46.6 Diesel Range Result 17.1 29.5	Organics (Qualifier J Organics Qualifier J B *1 U	0.00402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	0.00102 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u></u> <u>D</u>	Prepared Prepared 10/24/22 09:05 10/24/22 09:05	Analyzed 10/25/22 09:18 Analyzed 10/25/22 13:32 10/24/22 13:32 10/24/22 13:32	Dil Fac Dil Fac 1 1 1

Eurofins Midland

10/24/22 09:05 10/24/22 13:32

70 - 130

114

o-Terphenyl

5/31/2023 (Rev. 1)

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-44 Lab Sample ID: 880-20623-44

Date Collected: 10/20/22 10:18 Matrix: Solid
Date Received: 10/21/22 12:10

Sample Depth: 2

Method: EPA 300.0 - Anions, lo	n Chromat	tography - S	oluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	528		4.96	0.392	mg/Kg			10/25/22 15:27	1

Client Sample ID: S-45 Lab Sample ID: 880-20623-45

Date Collected: 10/20/22 10:20 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000977	J	0.00200	0.000384	mg/Kg		10/24/22 13:52	10/29/22 19:51	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		10/24/22 13:52	10/29/22 19:51	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		10/24/22 13:52	10/29/22 19:51	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/29/22 19:51	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		10/24/22 13:52	10/29/22 19:51	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/29/22 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				10/24/22 13:52	10/29/22 19:51	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/24/22 13:52	10/29/22 19:51	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			10/31/22 10:19	1
_									

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
	Total TPH	41.1 J	49.9	15.0 mg/Kg			10/25/22 09:18	1	

Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.6	J B *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 13:54	1
Diesel Range Organics (Over C10-C28)	18.5	J	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 13:54	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/24/22 09:05	10/24/22 13:54	1
o-Terphenyl	113		70 - 130				10/24/22 09:05	10/24/22 13:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		24.9	1.96	mg/Kg			10/25/22 15:32	5

Client: Talon/LPE Job ID: 880-20623-1
Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-46 Lab Sample ID: 880-20623-46

Date Collected: 10/20/22 10:22

Date Received: 10/21/22 12:10

Matrix: Solid

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000979	J	0.00199	0.000383	mg/Kg		10/24/22 13:52	10/29/22 20:11	1
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:52	10/29/22 20:11	1
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		10/24/22 13:52	10/29/22 20:11	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:52	10/29/22 20:11	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		10/24/22 13:52	10/29/22 20:11	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:52	10/29/22 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				10/24/22 13:52	10/29/22 20:11	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/24/22 13:52	10/29/22 20:11	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			10/31/22 10:19	1
_ Method: SW846 8015 NM - Die	esel Range (Organics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	95.4		49.9	15.0	mg/Kg			10/25/22 09:18	1
-					0 0				
Method: SW846 8015B NM - D	Diesel Range	Organics	(DPO) (GC)						
		, organioc	(DRO) (GC))					
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result		, , ,			<u>D</u>	Prepared 10/24/22 09:05	Analyzed 10/24/22 14:16	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier	RL	MDL 15.0		<u>D</u>	10/24/22 09:05		1
Gasoline Range Organics (GRO)-C6-C10	Result 18.8	Qualifier J B *1	RL 49.9	15.0 15.0	mg/Kg	<u>D</u>	10/24/22 09:05 10/24/22 09:05	10/24/22 14:16	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	18.8 76.6	Qualifier J B *1	RL 49.9	15.0 15.0	mg/Kg	<u> </u>	10/24/22 09:05 10/24/22 09:05	10/24/22 14:16 10/24/22 14:16	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 18.8 76.6 <15.0	Qualifier J B *1	49.9 49.9	15.0 15.0	mg/Kg	<u>D</u>	10/24/22 09:05 10/24/22 09:05 10/24/22 09:05	10/24/22 14:16 10/24/22 14:16 10/24/22 14:16	1 1 1 Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 18.8 76.6 <15.0 %Recovery	Qualifier J B *1	49.9 49.9 49.9 <i>Limits</i>	15.0 15.0	mg/Kg	<u> </u>	10/24/22 09:05 10/24/22 09:05 10/24/22 09:05 Prepared 10/24/22 09:05	10/24/22 14:16 10/24/22 14:16 10/24/22 14:16 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 18.8 76.6 <15.0 %Recovery 94 100	Qualifier J B *1 U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	15.0 15.0	mg/Kg	<u>D</u>	10/24/22 09:05 10/24/22 09:05 10/24/22 09:05 Prepared 10/24/22 09:05	10/24/22 14:16 10/24/22 14:16 10/24/22 14:16 Analyzed 10/24/22 14:16	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 18.8 76.6 <15.0	Qualifier J B *1 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>	10/24/22 09:05 10/24/22 09:05 10/24/22 09:05 Prepared 10/24/22 09:05	10/24/22 14:16 10/24/22 14:16 10/24/22 14:16 Analyzed 10/24/22 14:16	Dil Fac

Client Sample ID: S-47

Date Collected: 10/20/22 10:24

Lab Sample ID: 880-20623-47

Matrix: Solid

Date Collected: 10/20/22 10:24 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000883	J	0.00201	0.000387	mg/Kg		10/24/22 13:52	10/29/22 20:32	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		10/24/22 13:52	10/29/22 20:32	1
Ethylbenzene	< 0.000567	U	0.00201	0.000567	mg/Kg		10/24/22 13:52	10/29/22 20:32	1
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		10/24/22 13:52	10/29/22 20:32	1
o-Xylene	< 0.000345	U	0.00201	0.000345	mg/Kg		10/24/22 13:52	10/29/22 20:32	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		10/24/22 13:52	10/29/22 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				10/24/22 13:52	10/29/22 20:32	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-47 Lab Sample ID: 880-20623-47 Date Collected: 10/20/22 10:24

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130	10/24/22 13:52	10/29/22 20:32	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			10/31/22 10:19	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	614	50.0	15.0 mg/Kg			10/25/22 09:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19.1	J B *1	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 14:37	1
Diesel Range Organics (Over C10-C28)	544		50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 14:37	1
Oll Range Organics (Over C28-C36)	50.9		50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	10/24/22 09:05	10/24/22 14:37	1
o-Terphenyl	119		70 - 130	10/24/22 09:05	10/24/22 14:37	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	843	F1	5.04	0.398	mg/Kg			10/26/22 03:10	1

Client Sample ID: S-48 Lab Sample ID: 880-20623-48 **Matrix: Solid**

Date Collected: 10/20/22 10:26 Date Received: 10/21/22 12:10

Sample Depth: 2

Method:	SW846 8021B -	Volatile Organic	Compounds	(GC)
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Method: 544846 8021B - VC	Diatile Organic	Compoun	as (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000907	J	0.00202	0.000388	mg/Kg		10/24/22 13:52	10/29/22 20:53	1
Toluene	< 0.000460	U	0.00202	0.000460	mg/Kg		10/24/22 13:52	10/29/22 20:53	1
Ethylbenzene	< 0.000570	U	0.00202	0.000570	mg/Kg		10/24/22 13:52	10/29/22 20:53	1
m-Xylene & p-Xylene	<0.00102	U	0.00403	0.00102	mg/Kg		10/24/22 13:52	10/29/22 20:53	1
o-Xylene	< 0.000347	U	0.00202	0.000347	mg/Kg		10/24/22 13:52	10/29/22 20:53	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		10/24/22 13:52	10/29/22 20:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				10/24/22 13:52	10/29/22 20:53	1
1,4-Difluorobenzene (Surr)	107		70 - 130				10/24/22 13:52	10/29/22 20:53	1

			A 1 1 41
Method: TAL	SOP Total BTEX	- Total BTEX	Calculation

	iotal Billit Galoalation	•					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102 U	0.00403	0.00102 mg/Kg			10/31/22 10:19	1

Job ID: 880-20623-1

SDG: Lea Co., NM

Matrix: Solid

Client Sample ID: S-48

Project/Site: Lewis Unit #1

Date Collected: 10/20/22 10:26 Date Received: 10/21/22 12:10

Sample Depth: 2

Client: Talon/LPE

Lab Sample ID: 880-20623-48

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	85.7		50.0	15.0	mg/Kg			10/25/22 09:18	1
Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.8	J B *1	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 14:59	1
Diesel Range Organics (Over C10-C28)	62.9		50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 14:59	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/24/22 09:05	10/24/22 14:59	1
o-Terphenyl	101		70 - 130				10/24/22 09:05	10/24/22 14:59	1
Method: EPA 300.0 - Anions,	on Chromat	tography -	Soluble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		24.8	1 96	mg/Kg			10/26/22 03:24	5

Client Sample ID: S-49 Lab Sample ID: 880-20623-49

Date Collected: 10/20/22 10:28 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000969	J	0.00200	0.000384	mg/Kg		10/24/22 13:52	10/29/22 21:14	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		10/24/22 13:52	10/29/22 21:14	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		10/24/22 13:52	10/29/22 21:14	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/29/22 21:14	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		10/24/22 13:52	10/29/22 21:14	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/29/22 21:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				10/24/22 13:52	10/29/22 21:14	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/24/22 13:52	10/29/22 21:14	1
Method: TAL SOP Total BTE			ion						
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
	<0.00101	Qualifier U	RL 0.00399	MDL 0.00101	Unit mg/Kg	_ <u>D</u>	Prepared	Analyzed 10/31/22 10:19	Dil Fac
Analyte Total BTEX	Result <0.00101	Qualifier U	RL 0.00399		mg/Kg	<u>D</u>	Prepared Prepared		1
Analyte Total BTEX Method: SW846 8015 NM - D	Result <0.00101	Qualifier U Organics (Qualifier	RL 0.00399 DRO) (GC)	0.00101	mg/Kg	_ =		10/31/22 10:19	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - D Analyte	Result <0.00101 Diesel Range Result 33.9	Qualifier U Organics (Qualifier J	RL 0.00399 DRO) (GC) RL 49.9	0.00101 MDL 15.0	mg/Kg	_ =		10/31/22 10:19 Analyzed	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - D Analyte Total TPH	Result <0.00101 Diesel Range Result 33.9 Diesel Range	Qualifier U Organics (Qualifier J	RL 0.00399 DRO) (GC) RL 49.9	0.00101 MDL 15.0	mg/Kg Unit mg/Kg	_ =		10/31/22 10:19 Analyzed	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - D Analyte Total TPH Method: SW846 8015B NM -	Result <0.00101 Diesel Range Result 33.9 Diesel Range Result	Qualifier U Organics (Qualifier J Organics	RL 0.00399 DRO) (GC) RL 49.9 (DRO) (GC	0.00101 MDL 15.0	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared	10/31/22 10:19 Analyzed 10/25/22 09:18	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - D Analyte Total TPH Method: SW846 8015B NM - Analyte Gasoline Range Organics	Result <0.00101 Diesel Range Result 33.9 Diesel Range Result	Qualifier U Organics (Qualifier J Organics Qualifier J D Organics Qualifier J B *1	RL 0.00399 DRO) (GC) RL 49.9 (DRO) (GC RL	0.00101 MDL 15.0) MDL 15.0	mg/Kg Unit mg/Kg Unit	<u></u> <u>D</u>	Prepared Prepared	10/31/22 10:19 Analyzed 10/25/22 09:18 Analyzed	Dil Fac Dil Fac 1 Dil Fac 1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-49 Lab Sample ID: 880-20623-49 Date Collected: 10/20/22 10:28 **Matrix: Solid** Date Received: 10/21/22 12:10

Sample Depth: 2

Surrogate	%Recovery Q	Qualifier Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95	70 - 130	10/24/22 09:05	10/24/22 15:21	1
o-Terphenyl	103	70 - 130	10/24/22 09:05	10/24/22 15:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier MDL Unit Prepared Analyzed Dil Fac 10/26/22 03:29 Chloride 250 4.98 0.393 mg/Kg

Client Sample ID: S-50 Lab Sample ID: 880-20623-50 Date Collected: 10/20/22 10:30 **Matrix: Solid**

Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000960	J	0.00199	0.000383	mg/Kg		10/24/22 13:52	10/29/22 21:34	1
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:52	10/29/22 21:34	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		10/24/22 13:52	10/29/22 21:34	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:52	10/29/22 21:34	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		10/24/22 13:52	10/29/22 21:34	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:52	10/29/22 21:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/24/22 13:52	10/29/22 21:34	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/24/22 13:52	10/29/22 21:34	1

Method: TAL SOP Total BTEX	- Total BTE	X Calculati	on						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			10/31/22 10:19	1

Method: SW846 8015 NM - Die	sel Range (Organics (I	ORO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.6	J	49.9	15.0	mg/Kg			10/25/22 09:18	1

Method: SW846 8015B NM - D	Diesel Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 15:42	1
Diesel Range Organics (Over C10-C28)	16.6	J	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 15:42	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				10/24/22 09:05	10/24/22 15:42	1
o-Terphenyl	131	S1+	70 - 130				10/24/22 09:05	10/24/22 15:42	1

Method: EPA 300.0 - Anions, lo	n Chromat	tography - S	oluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		4.99	0.394	mg/Kg			10/26/22 03:34	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-51

Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-51 Date Collected: 10/20/22 10:32

Matrix: Solid

Sample Depth: 2

Method: SW846 8021B - Volati	ile Organic	Compoun	ds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000868	J	0.00201	0.000387	mg/Kg		10/24/22 13:52	10/29/22 22:58	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:52	10/29/22 22:58	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		10/24/22 13:52	10/29/22 22:58	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:52	10/29/22 22:58	1
o-Xylene	<0.000346	U	0.00201	0.000346	mg/Kg		10/24/22 13:52	10/29/22 22:58	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:52	10/29/22 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/24/22 13:52	10/29/22 22:58	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/24/22 13:52	10/29/22 22:58	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00402	0.00102	mg/Kg			10/31/22 10:19	1
:									
Method: SW846 8015 NM - Die		•	, , ,			_	_		
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	44.1	J	49.9	15.0	mg/Kg			10/25/22 09:18	
Method: SW846 8015B NM - D								10/20/22 00:10	1
INICUIOU. SYVO40 OU ISB INIVI - D	iesel Range	Organics	(DRO) (GC)					10/20/22 00.10	1
Analyte	•	Organics Qualifier	(DRO) (GC)	MDL	Unit	D	Prepared	Analyzed	
	Result	•	, , ,	MDL	Unit mg/Kg	<u>D</u>	Prepared 10/24/22 09:05		
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier J B *1	` RL	MDL 15.0		<u>D</u>		Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result 24.6	Qualifier J B *1	RL 49.9	MDL 15.0 15.0	mg/Kg	<u> </u>	10/24/22 09:05	Analyzed 10/24/22 16:30	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	24.6 19.5	Qualifier J B *1 J	49.9 49.9	MDL 15.0 15.0	mg/Kg	<u> </u>	10/24/22 09:05 10/24/22 09:05	Analyzed 10/24/22 16:30 10/24/22 16:30	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	24.6 19.5 <15.0	Qualifier J B *1 J	49.9 49.9	MDL 15.0 15.0	mg/Kg	<u>D</u>	10/24/22 09:05 10/24/22 09:05 10/24/22 09:05	Analyzed 10/24/22 16:30 10/24/22 16:30 10/24/22 16:30	Dil Fac 1 1

Client Sample ID: S-52 Lab Sample ID: 880-20623-52 Date Collected: 10/20/22 10:34 **Matrix: Solid**

5.04

MDL Unit

0.398 mg/Kg

D

Prepared

Analyzed

10/26/22 03:39

Dil Fac

Date Received: 10/21/22 12:10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

319

Sample Depth: 2

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000843	J	0.00199	0.000383	mg/Kg		10/24/22 13:52	10/29/22 23:19	1
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:52	10/29/22 23:19	1
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		10/24/22 13:52	10/29/22 23:19	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:52	10/29/22 23:19	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		10/24/22 13:52	10/29/22 23:19	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:52	10/29/22 23:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				10/24/22 13:52	10/29/22 23:19	1

Lab Sample ID: 880-20623-52

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-52

Date Collected: 10/20/22 10:34 Date Received: 10/21/22 12:10

Sample Depth: 2

Mothod: \$\M946 9024	Volatila Organia Compou	nde (GC) (Continued)
WELLIOU. SWO40 OUZ I	3 - Volatile Organic Compou	nas (GC) (Continuea)

Surrogate	%Recovery Q	Qualifier	Limits	Prepared Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	10/24/22 13:52 10/29/22 23:19	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00101	U	0.00398	0.00101	mg/Kg			10/31/22 10:19	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	61.4	50.0	15.0	mg/Kg			10/25/22 09:18	1

Method: SW846 80	5B NM - Diesel Range	Organics (DRO) (GC)
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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20.7	J B *1	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 16:52	1
Diesel Range Organics (Over C10-C28)	40.7	J	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 16:52	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 16:52	1
0	0/5	0	1.114					A	D# E

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	10/24/22 09:05	10/24/22 16:52	1
o-Terphenyl	130		70 - 130	10/24/22 09:05	10/24/22 16:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	0)	Prepared	Analyzed	Dil Fac
Chloride	962		4.98	0.393	mg/Kg				10/26/22 03:53	1

Client Sample ID: S-53

Date Collected: 10/20/22 10:36

Lab Sample ID: 880-20623-53

Matrix: Solid

Date Collected: 10/20/22 10:36 Date Received: 10/21/22 12:10

Sample Depth: 2

Mothod: CIMOAC 0021D	Volatila Organia Compounde /	CC

Michiga. Offoro our ID - vo	nathe Organie	Compoun	us (CC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00101	J	0.00199	0.000383	mg/Kg		10/24/22 13:52	10/29/22 23:40	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		10/24/22 13:52	10/29/22 23:40	1
Ethylbenzene	< 0.000562	U	0.00199	0.000562	mg/Kg		10/24/22 13:52	10/29/22 23:40	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		10/24/22 13:52	10/29/22 23:40	1
o-Xylene	< 0.000342	U	0.00199	0.000342	mg/Kg		10/24/22 13:52	10/29/22 23:40	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		10/24/22 13:52	10/29/22 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/24/22 13:52	10/29/22 23:40	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/24/22 13:52	10/29/22 23:40	1

ı								
ı	Mothod:	ΤΔΙ	SUD	Total	RTEY	- Total	RTEY	Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00101	J	0.00398	0.00100	mg/Kg			10/31/22 10:19	1

Analyte		alifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	699	49.9	15.0	mg/Kg			10/25/22 09:18	1

Eurofins Midland

2

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13

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-53

Date Collected: 10/20/22 10:36 Date Received: 10/21/22 12:10

Sample Depth: 2

Lab Sample ID: 880-20623-53 Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RL **MDL** Unit Prepared Analyzed Dil Fac 49.9 10/24/22 09:05 10/24/22 17:13 **Gasoline Range Organics** 18.3 JB*1 15.0 mg/Kg (GRO)-C6-C10 **Diesel Range Organics (Over** 49 9 mg/Kg 10/24/22 09:05 10/24/22 17:13 15.0 627 C10-C28) **Oll Range Organics (Over** 53.7 49.9 15.0 mg/Kg 10/24/22 09:05 10/24/22 17:13 C28-C36) %Recovery Qualifier I imits Prepared Surrogate Analyzed Dil Fac 70 - 130 10/24/22 09:05 1-Chlorooctane 100 10/24/22 17:13 o-Terphenyl 108 70 - 130 10/24/22 09:05 10/24/22 17:13

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble **MDL** Unit Analyte Result Qualifier Prepared Dil Fac Analyzed Chloride 2370 25.0 1.98 mg/Kg 10/26/22 03:58

Client Sample ID: S-54 Lab Sample ID: 880-20623-54

Date Collected: 10/20/22 10:38 Date Received: 10/21/22 12:10

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC) Result Qualifier Analyte RI MDL Unit D Prepared Analyzed Dil Fac 10/24/22 13:52 10/30/22 00:01 **Benzene** 0.00101 J 0.00201 0.000387 mg/Kg Toluene <0.000459 U 0.00201 10/24/22 13:52 10/30/22 00:01 0.000459 mg/Kg Ethylbenzene <0.000568 U 0.00201 0.000568 mg/Kg 10/24/22 13:52 10/30/22 00:01 0.00402 0.00102 mg/Kg 10/24/22 13:52 10/30/22 00:01 m-Xylene & p-Xylene 0.00163 J o-Xylene <0.000346 U 0.00201 0.000346 mg/Kg 10/24/22 13:52 10/30/22 00:01 **Xylenes, Total** 0.00163 J 0.00402 0.00102 mg/Kg 10/24/22 13:52 10/30/22 00:01 %Recovery Qualifier Limits Prepared Surrogate Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 70 - 130 10/24/22 13:52 10/30/22 00:01 115 70 - 130 10/24/22 13:52 10/30/22 00:01 1,4-Difluorobenzene (Surr) 95

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 10/31/22 10:19 **Total BTEX** 0.00402 0.00102 mg/Kg 0.00264 J

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Result Qualifier MDL Unit Prepared Analyzed Dil Fac **Total TPH** 242 50.0 15.0 mg/Kg 10/25/22 09:18

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier MDL RL Unit Prepared Analyzed Dil Fac **Gasoline Range Organics** 26.8 JB*1 50.0 15.0 mg/Kg 10/24/22 09:05 10/24/22 17:35 (GRO)-C6-C10 **Diesel Range Organics (Over** 50.0 15.0 mg/Kg 10/24/22 09:05 10/24/22 17:35 199 C10-C28) **Oll Range Organics (Over** 50.0 15.7 J 15.0 mg/Kg 10/24/22 09:05 10/24/22 17:35 C28-C36)

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94	70 - 130	10/24/22 09:05	10/24/22 17:35	1

Eurofins Midland

Matrix: Solid

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-54 Lab Sample ID: 880-20623-54

Date Collected: 10/20/22 10:38 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 2

Surrogate	%Pocovery Qualifier	Limite	Propared	Analyzod
Method: SW846 8015B	NM - Diesei Range Organics (DRO) (GC) (Continued)		

Dil Fac Surrogate 10/24/22 09:05 10/24/22 17:35 o-Terphenyl 100 70 - 130

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier MDL Unit Prepared **Analyzed** Dil Fac Chloride 912 25.0 1.98 mg/Kg 10/26/22 04:03

Client Sample ID: S-55 Lab Sample ID: 880-20623-55 Date Collected: 10/20/22 10:40 **Matrix: Solid**

Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000957	J	0.00200	0.000384	mg/Kg		10/24/22 13:52	10/30/22 00:21	1
Toluene	<0.000455 l	U	0.00200	0.000455	mg/Kg		10/24/22 13:52	10/30/22 00:21	1
Ethylbenzene	<0.000564 l	U	0.00200	0.000564	mg/Kg		10/24/22 13:52	10/30/22 00:21	1
m-Xylene & p-Xylene	<0.00101 l	U	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/30/22 00:21	1
o-Xylene	<0.000343 U	U	0.00200	0.000343	mg/Kg		10/24/22 13:52	10/30/22 00:21	1
Xylenes, Total	<0.00101 l	U	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/30/22 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	10/24/22 13:52	10/30/22 00:21	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/24/22 13:52	10/30/22 00:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00101	U	0.00399	0.00101	mg/Kg			10/31/22 10:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	36.8	J	50.0	15.0	mg/Kg			10/25/22 09:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Result Qualifier

Gasoline Range Organics (GRO)-C6-C10	18.1 JB*1	50.0	15.0 mg/Kg	10/24/22 09:05 10/24/22 17:56	1
Diesel Range Organics (Over C10-C28)	18.7 J	50.0	15.0 mg/Kg	10/24/22 09:05 10/24/22 17:56	1
Oll Range Organics (Over C28-C36)	<15.0 U	50.0	15.0 mg/Kg	10/24/22 09:05 10/24/22 17:56	1

MDL Unit

Prepared

Analyzed

Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	10/24/22 09:05	10/24/22 17:56	1
o-Terphenyl	112		70 - 130	10/24/22 09:05	10/24/22 17:56	1

Method: EPA 300.0 - Anions, Id	on Chromatography	- Soluble					
Analyte	Result Qualifier	RL	MDL Uni	it D	Prepared	Analyzed	Dil Fac
Chloride	112	5.01	0.396 mg/	/Kg		10/26/22 04:08	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-56 Lab Sample ID: 880-20623-56

Date Collected: 10/20/22 10:42 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000879	J	0.00198	0.000381	mg/Kg		10/24/22 13:52	10/30/22 00:42	1
Toluene	< 0.000451	U	0.00198	0.000451	mg/Kg		10/24/22 13:52	10/30/22 00:42	1
Ethylbenzene	< 0.000559	U	0.00198	0.000559	mg/Kg		10/24/22 13:52	10/30/22 00:42	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg		10/24/22 13:52	10/30/22 00:42	1
o-Xylene	< 0.000341	U	0.00198	0.000341	mg/Kg		10/24/22 13:52	10/30/22 00:42	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		10/24/22 13:52	10/30/22 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				10/24/22 13:52	10/30/22 00:42	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/24/22 13:52	10/30/22 00:42	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	mg/Kg			10/31/22 10:19	1
Method: SW846 8015 NM - Did	ocal Banga	Organica (DBO) (CC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	41.9		49.9		mg/Kg	_ =	Trepared	10/25/22 09:18	1
TOTAL TEN	41.5	3	43.3	13.0	mg/rtg			10/23/22 03.10	
									'
Method: SW846 8015B NM - D	Diesel Range	e Organics	(DRO) (GC)						,
Method: SW846 8015B NM - D Analyte		Organics Qualifier	(DRO) (GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics	Result		. , , ,		Unit mg/Kg	<u>D</u>	Prepared 10/24/22 09:05	Analyzed 10/24/22 18:18	·
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier J B *1	RL	15.0		<u>D</u>	10/24/22 09:05		Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result 20.9	Qualifier J B *1	RL 49.9	15.0 15.0	mg/Kg	<u>D</u>	10/24/22 09:05 10/24/22 09:05	10/24/22 18:18	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	20.9 21.0	Qualifier J B *1 J	49.9 49.9	15.0 15.0	mg/Kg	<u>D</u>	10/24/22 09:05 10/24/22 09:05	10/24/22 18:18 10/24/22 18:18	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	20.9 21.0 <15.0	Qualifier J B *1 J	49.9 49.9 49.9	15.0 15.0	mg/Kg	<u>D</u>	10/24/22 09:05 10/24/22 09:05 10/24/22 09:05	10/24/22 18:18 10/24/22 18:18 10/24/22 18:18	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	20.9 21.0 <15.0 **Recovery*	Qualifier J B *1 J	49.9 49.9 49.9 <i>Limits</i>	15.0 15.0	mg/Kg	<u>D</u>	10/24/22 09:05 10/24/22 09:05 10/24/22 09:05 Prepared 10/24/22 09:05	10/24/22 18:18 10/24/22 18:18 10/24/22 18:18 Analyzed	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 20.9 21.0 <15.0 %Recovery 97 105	Qualifier J B *1 J U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	15.0 15.0	mg/Kg	<u>D</u>	10/24/22 09:05 10/24/22 09:05 10/24/22 09:05 Prepared 10/24/22 09:05	10/24/22 18:18 10/24/22 18:18 10/24/22 18:18 Analyzed 10/24/22 18:18	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 20.9 21.0 <15.0	Qualifier J B *1 J 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>	10/24/22 09:05 10/24/22 09:05 10/24/22 09:05 Prepared 10/24/22 09:05	10/24/22 18:18 10/24/22 18:18 10/24/22 18:18 Analyzed 10/24/22 18:18	Dil Fac

Lab Sample ID: 880-20623-57 Client Sample ID: S-57 **Matrix: Solid**

Date Collected: 10/20/22 10:44 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000879	J	0.00201	0.000387	mg/Kg		10/24/22 13:52	10/30/22 01:02	1
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:52	10/30/22 01:02	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		10/24/22 13:52	10/30/22 01:02	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:52	10/30/22 01:02	1
o-Xylene	< 0.000346	U	0.00201	0.000346	mg/Kg		10/24/22 13:52	10/30/22 01:02	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:52	10/30/22 01:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				10/24/22 13:52	10/30/22 01:02	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-57 Lab Sample ID: 880-20623-57 Matrix: Solid

Date Collected: 10/20/22 10:44 Date Received: 10/21/22 12:10

Sample Depth: 2

Method: SW846 8021B -	Volatile Organic Compounds	(GC) (Continued)
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Surrogate	%Recovery Qu	ualifier Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105	70 - 130	10/24/22 13:52	10/30/22 01:02	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00402	0.00102	mg/Kg			10/31/22 10:19	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	42.6	J	49.9	15.0	mg/Kg			10/25/22 09:18	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27.5	J B *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 18:39	1
Diesel Range Organics (Over C10-C28)	15.1	J	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 18:39	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 18:39	1
Surre mate	0/ December 1	Ovalifian	Limita				Dramarad	A malumad	Dil Foo

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	10/24/22 09:05	10/24/22 18:39	1
o-Terphenyl	116		70 - 130	10/24/22 09:05	10/24/22 18:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	336		4.97	0.393	mg/Kg			10/26/22 04:17	1

Lab Sample ID: 880-20623-58 Client Sample ID: S-58 **Matrix: Solid**

Date Collected: 10/20/22 10:46 Date Received: 10/21/22 12:10

Sample Depth: 2

Mothod:	CIMO16 0031D	Volatile Organic	Compounds (GC)

	rolatile el gallie	- opoun	uo (OO)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000930	J	0.00200	0.000386	mg/Kg		10/24/22 13:52	10/30/22 01:23	1
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		10/24/22 13:52	10/30/22 01:23	1
Ethylbenzene	< 0.000566	U	0.00200	0.000566	mg/Kg		10/24/22 13:52	10/30/22 01:23	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		10/24/22 13:52	10/30/22 01:23	1
o-Xylene	< 0.000345	U	0.00200	0.000345	mg/Kg		10/24/22 13:52	10/30/22 01:23	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		10/24/22 13:52	10/30/22 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				10/24/22 13:52	10/30/22 01:23	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/24/22 13:52	10/30/22 01:23	1

Mothod: TAI	SOP Total RTFY.	 Total BTFX Calculation 	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	0.00101	mg/Kg		 	10/31/22 10:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (G	Method:	SW846 80°	5 NM - Die	sel Range O	rganics	(DRO)	(GC)
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Analyte	Result Qualifier	, RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22.2 J	50.0	15.0 mg/Kg			10/25/22 09:18	1

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-58 Lab Sample I

Lab Sample ID: 880-20623-58

Date Collected: 10/20/22 10:46 Date Received: 10/21/22 12:10 Matrix: Solid

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U *1	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 19:01	1
Diesel Range Organics (Over C10-C28)	22.2	J	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 19:01	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/24/22 09:05	10/24/22 19:01	1
o-Terphenyl	110		70 - 130				10/24/22 09:05	10/24/22 19:01	1
Marthaul EDA 000 0 - A dans	lon Chroma	tography -	Soluble						
Method: EPA 300.0 - Anions,									
Method: EPA 300.0 - Anions, Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-59 Lab Sample ID: 880-20623-59

Date Collected: 10/20/22 10:48 Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Benzene	0.000886	J	0.00202	0.000389	mg/Kg		10/24/22 13:52	10/30/22 01:44	1
Toluene	<0.000461	U	0.00202	0.000461	mg/Kg		10/24/22 13:52	10/30/22 01:44	1
Ethylbenzene	< 0.000571	U	0.00202	0.000571	mg/Kg		10/24/22 13:52	10/30/22 01:44	1
m-Xylene & p-Xylene	<0.00102	U	0.00404	0.00102	mg/Kg		10/24/22 13:52	10/30/22 01:44	1
o-Xylene	< 0.000347	U	0.00202	0.000347	mg/Kg		10/24/22 13:52	10/30/22 01:44	1
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg		10/24/22 13:52	10/30/22 01:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				10/24/22 13:52	10/30/22 01:44	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/24/22 13:52	10/30/22 01:44	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
minipio									
Total BTEX	<0.00102	U	0.00404	0.00102	mg/Kg			10/31/22 10:19	1
Total BTEX				0.00102	mg/Kg			10/31/22 10:19	1
Total BTEX Method: SW846 8015 NM - Die	esel Range (Organics (DRO) (GC)		0 0				
Total BTEX Method: SW846 8015 NM - Die Analyte	esel Range (Organics (Qualifier	DRO) (GC)	MDL	Unit	D	Prepared	Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Die	esel Range (Organics (Qualifier	DRO) (GC)	MDL	0 0	<u>D</u>	Prepared		
Total BTEX Method: SW846 8015 NM - Die Analyte	esel Range (Result 32.7	Organics (Qualifier J	DRO) (GC) RL 50.0	MDL 15.0	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Dia Analyte Total TPH	esel Range (Result 32.7	Organics (Qualifier J	DRO) (GC) RL 50.0	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	Result 32.7 Diesel Range Result	Organics (Qualifier J Organics	DRO) (GC) RL 50.0 (DRO) (GC)	MDL 15.0 MDL	Unit mg/Kg			Analyzed 10/25/22 09:18	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result 32.7 Diesel Range Result	Organics (Qualifier J Organics Qualifier Qualifier J B *1	DRO) (GC) RL 50.0 (DRO) (GC) RL	MDL 15.0 MDL 15.0	Unit mg/Kg		Prepared 10/24/22 09:05	Analyzed 10/25/22 09:18 Analyzed	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 32.7 Diesel Range Result 17.3	Organics (Qualifier J Organics Qualifier Qualifier J B *1	DRO) (GC) RL 50.0 (DRO) (GC) RL 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg		Prepared 10/24/22 09:05 10/24/22 09:05	Analyzed 10/25/22 09:18 Analyzed 10/24/22 19:22	Dil Fac Dil Fac 1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 32.7 Diesel Range Result 17.3	Organics (Qualifier J Organics Qualifier J B *1 U	DRO) (GC) RL 50.0 (DRO) (GC) RL 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:05 10/24/22 09:05	Analyzed 10/25/22 09:18 Analyzed 10/24/22 19:22 10/24/22 19:22	Dil Fac Dil Fac 1 1 1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 32.7 Diesel Range Result 17.3 15.4 <15.0	Organics (Qualifier J Organics Qualifier J B *1 U	DRO) (GC) RL 50.0 6 (DRO) (GC) RL 50.0 50.0	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 09:05 10/24/22 09:05 10/24/22 09:05	Analyzed 10/25/22 09:18 Analyzed 10/24/22 19:22 10/24/22 19:22	Dil Fac Dil Fac 1

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-59

Lab Sample ID: 880-20623-59

Date Collected: 10/20/22 10:48

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	453		5.01	0.396	mg/Kg			10/26/22 04:37	1

Client Sample ID: S-60

Date Collected: 10/20/22 10:50

Lab Sample ID: 880-20623-60

Matrix: Solid

Date Collected: 10/20/22 10:50 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000865	J	0.00200	0.000384	mg/Kg		10/24/22 13:52	10/30/22 02:04	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		10/24/22 13:52	10/30/22 02:04	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		10/24/22 13:52	10/30/22 02:04	1
m-Xylene & p-Xylene	0.00105	J	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/30/22 02:04	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		10/24/22 13:52	10/30/22 02:04	1
Xylenes, Total	0.00105	J	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/30/22 02:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				10/24/22 13:52	10/30/22 02:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/24/22 13:52	10/30/22 02:04	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00192	J	0.00399	0.00101	mg/Kg			10/31/22 10:19	1
_		_							

Method: SW846 8015 NM - Die	sel Range Organics (DF	(GC)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	670	49.9	15.0 mg/Kg			10/25/22 09:18	1

Method: SW846 8015B NM - Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10		J B *1	49.9	15.0	mg/Kg		10/24/22 09:05		1
Diesel Range Organics (Over C10-C28)	609		49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 19:43	1
Oll Range Organics (Over C28-C36)	43.5	J	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/24/22 09:05	10/24/22 19:43	1
o-Terphenyl	102		70 - 130				10/24/22 09:05	10/24/22 19:43	1

Method: EPA 300.0 - Anions, I	on Chromat	ography -	- Soluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	226		5.01	0.396	mg/Kg			10/26/22 04:51	1

Lab Sample ID: 880-20623-61

10/24/22 11:10 10/24/22 22:37

10/24/22 11:10 10/24/22 22:37

Lab Sample ID: 880-20623-62

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-61 Date Collected: 10/20/22 10:52 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0175	J	0.0201	0.00387	mg/Kg		10/24/22 13:56	10/29/22 10:43	10
Toluene	0.0181	J	0.0201	0.00458	mg/Kg		10/24/22 13:56	10/29/22 10:43	10
Ethylbenzene	0.346		0.0201	0.00567	mg/Kg		10/24/22 13:56	10/29/22 10:43	10
m-Xylene & p-Xylene	0.0993		0.0402	0.0101	mg/Kg		10/24/22 13:56	10/29/22 10:43	10
o-Xylene	0.0108	J	0.0201	0.00345	mg/Kg		10/24/22 13:56	10/29/22 10:43	10
Xylenes, Total	0.110		0.0402	0.0101	mg/Kg		10/24/22 13:56	10/29/22 10:43	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130				10/24/22 13:56	10/29/22 10:43	10
1,4-Difluorobenzene (Surr)	107		70 - 130				10/24/22 13:56	10/29/22 10:43	10
Total BTEX : Method: SW846 8015 NM - Die	0.492 esel Range (Organics (DRO) (GC)	0.0101	3' 3				
Analyte		Qualifier	, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	721		49.8	14.9	mg/Kg			10/25/22 10:41	
Method: SW846 8015B NM - D	_	_							
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	134		49.8	14.9	mg/Kg		10/24/22 11:10	10/24/22 22:37	•
Diesel Range Organics (Over C10-C28)	587		49.8	14.9	mg/Kg		10/24/22 11:10	10/24/22 22:37	
Oll Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		10/24/22 11:10	10/24/22 22:37	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa

Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Chloride 272 4.99 0.394 mg/Kg 10/26/22 04:56

70 - 130

70 - 130

88

88

Client Sample ID: S-62 Date Collected: 10/20/22 10:54

Date Received: 10/21/22 12:10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Sample Depth: 2

1-Chlorooctane

o-Terphenyl

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00483	J	0.0199	0.00383	mg/Kg		10/24/22 13:56	10/29/22 11:03	10
Toluene	0.0126	J	0.0199	0.00454	mg/Kg		10/24/22 13:56	10/29/22 11:03	10
Ethylbenzene	0.463		0.0199	0.00563	mg/Kg		10/24/22 13:56	10/29/22 11:03	10
m-Xylene & p-Xylene	0.0928		0.0398	0.0101	mg/Kg		10/24/22 13:56	10/29/22 11:03	10
o-Xylene	0.00790	J	0.0199	0.00343	mg/Kg		10/24/22 13:56	10/29/22 11:03	10
Xylenes, Total	0.101		0.0398	0.0101	mg/Kg		10/24/22 13:56	10/29/22 11:03	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	204	S1+	70 - 130				10/24/22 13:56	10/29/22 11:03	10

Eurofins Midland

Matrix: Solid

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-62

Lab Sample ID: 880-20623-62

Date Collected: 10/20/22 10:54 Date Received: 10/21/22 12:10

Matrix: Solid

Sample Depth: 2

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	108	70 - 130	10/24/22 13:56	10/29/22 11:03	10

Method: TAL SOF	Total BTEX - Total BTEX	Calculation
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Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.581	0.0398	0.0101 mg/Kg			10/31/22 10:08	1

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1480		49.9	15.0	mg/Kg			10/25/22 10:41	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	285	49.9	15.0	mg/Kg		10/24/22 11:10	10/24/22 22:59	1
Diesel Range Organics (Over C10-C28)	1190	49.9	15.0	mg/Kg		10/24/22 11:10	10/24/22 22:59	1
Oll Range Organics (Over C28-C36)	<15.0 U	49.9	15.0	mg/Kg		10/24/22 11:10	10/24/22 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	10/24/22 11:10	10/24/22 22:59	1
o-Terphenyl	99		70 - 130	10/24/22 11:10	10/24/22 22:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	257		5.03	0.397	mg/Kg			10/26/22 05:01	1

Lab Sample ID: 880-20623-63 Client Sample ID: S-63 **Matrix: Solid**

Date Collected: 10/20/22 10:56 Date Received: 10/21/22 12:10

Sample Depth: 2

Mothod: CIMOAC 0021D	Volatila Organia Compounde /	CC

mothod: Offo-to cozing to	natho Organio	Compoun	40 (00)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0786		0.0199	0.00383	mg/Kg		10/24/22 13:56	10/29/22 11:24	10
Toluene	0.0118	J	0.0199	0.00453	mg/Kg		10/24/22 13:56	10/29/22 11:24	10
Ethylbenzene	0.536		0.0199	0.00562	mg/Kg		10/24/22 13:56	10/29/22 11:24	10
m-Xylene & p-Xylene	0.142		0.0398	0.0100	mg/Kg		10/24/22 13:56	10/29/22 11:24	10
o-Xylene	0.00704	J	0.0199	0.00342	mg/Kg		10/24/22 13:56	10/29/22 11:24	10
Xylenes, Total	0.149		0.0398	0.0100	mg/Kg		10/24/22 13:56	10/29/22 11:24	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	48	S1-	70 - 130				10/24/22 13:56	10/29/22 11:24	10
1,4-Difluorobenzene (Surr)	109		70 - 130				10/24/22 13:56	10/29/22 11:24	10

ı								
ı	Mothod:	ΤΔΙ	SUD	Total	RTEY	- Total	RTEY	Calculation

Analyte	Result Qualifie		MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.775	0.0398	0.0100 m	ng/Kg			10/31/22 10:08	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	888	49.8	14.9 mg/Kg			10/25/22 10:41	1

Lab Sample ID: 880-20623-63

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-63

D

Sample Depth: 2

Date Collected: 10/20/22 10:56	Matrix: Solid
Date Received: 10/21/22 12:10	
Comple Double 2	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	189		49.8	14.9	mg/Kg		10/24/22 11:10	10/24/22 23:21	1
Diesel Range Organics (Over C10-C28)	699		49.8	14.9	mg/Kg		10/24/22 11:10	10/24/22 23:21	1
Oll Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		10/24/22 11:10	10/24/22 23:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				10/24/22 11:10	10/24/22 23:21	1
o-Terphenyl	89		70 - 130				10/24/22 11:10	10/24/22 23:21	1
Method: EPA 300.0 - Anions,	lon Chroma	tography -	- Soluble						
•		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	itoouit								

Lab Sample ID: 880-20623-64 Client Sample ID: S-64 **Matrix: Solid**

Date Collected: 10/20/22 10:58 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0444		0.0201	0.00387	mg/Kg		10/24/22 13:56	10/29/22 12:29	10
Toluene	0.0329		0.0201	0.00459	mg/Kg		10/24/22 13:56	10/29/22 12:29	10
Ethylbenzene	0.0826		0.0201	0.00568	mg/Kg		10/24/22 13:56	10/29/22 12:29	10
m-Xylene & p-Xylene	0.0150	J	0.0402	0.0102	mg/Kg		10/24/22 13:56	10/29/22 12:29	10
o-Xylene	0.0155	J	0.0201	0.00346	mg/Kg		10/24/22 13:56	10/29/22 12:29	10
Xylenes, Total	0.0305	J	0.0402	0.0102	mg/Kg		10/24/22 13:56	10/29/22 12:29	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				10/24/22 13:56	10/29/22 12:29	10
1,4-Difluorobenzene (Surr)	111		70 - 130				10/24/22 13:56	10/29/22 12:29	10
Analyte Total BTEX	0.190	Qualifier	0.0402	MDL 0.0102		<u>D</u>	Prepared	Analyzed 10/31/22 10:08	
Total BTEX Method: SW846 8015 NM - Die	0.190 esel Range (Organics (0.0402 DRO) (GC)	0.0102	mg/Kg		·	10/31/22 10:08	
Total BTEX	0.190 esel Range (0.0402	0.0102 MDL	mg/Kg	<u>D</u>	Prepared		Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte	0.190 esel Range (Result 323 Diesel Range	Organics (Qualifier	0.0402 DRO) (GC) RL 49.9	0.0102 MDL	mg/Kg Unit mg/Kg		·	10/31/22 10:08 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	0.190 esel Range (Result 323 Diesel Range	Organics (Qualifier Organics Qualifier	0.0402 DRO) (GC) RL 49.9 (DRO) (GC)	0.0102 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	10/31/22 10:08 Analyzed 10/25/22 10:41	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	0.190 esel Range (Result 323 Diesel Range Result	Organics (Qualifier Organics Qualifier	0.0402 DRO) (GC) RL 49.9 (DRO) (GC) RL	0.0102 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	Analyzed 10/25/22 10:41 Analyzed 10/24/22 21:32	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.190 esel Range (Result 323 Diesel Range Result 38.8	Organics (Qualifier Organics Qualifier J	0.0402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	0.0102 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/24/22 21:32	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	0.190 esel Range (Result 323 Diesel Range Result 38.8	Organics (Qualifier Organics Qualifier J	0.0402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	0.0102 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 21:32 10/24/22 21:32	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	0.190 esel Range (Result 323 diesel Range Result 38.8 284 <15.0	Organics (Qualifier Organics Qualifier J	0.0402 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9	0.0102 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 21:32 10/24/22 21:32 10/24/22 21:32	Dil Fac

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-64 Lab Sample ID: 880-20623-64

Date Collected: 10/20/22 10:58 **Matrix: Solid**

Date Received: 10/21/22 12:10 Sample Depth: 2

Method: EPA 300.0 - Anions, Id	on Chromat	ography -	Soluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	216		5.00	0.395	mg/Kg			10/26/22 05:11	1

Client Sample ID: S-65 Lab Sample ID: 880-20623-65 Matrix: Solid

Date Collected: 10/20/22 11:00

Date Received: 10/21/22 12:10

Sample Depth: 2

Surrogate

o-Terphenyl

Analyte

Chloride

1-Chlorooctane

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0725		0.0198	0.00381	mg/Kg		10/24/22 13:56	10/29/22 12:50	10
Toluene	0.0114	J	0.0198	0.00451	mg/Kg		10/24/22 13:56	10/29/22 12:50	10
Ethylbenzene	0.639		0.0198	0.00559	mg/Kg		10/24/22 13:56	10/29/22 12:50	10
m-Xylene & p-Xylene	0.156		0.0396	0.0100	mg/Kg		10/24/22 13:56	10/29/22 12:50	10
o-Xylene	0.0320		0.0198	0.00341	mg/Kg		10/24/22 13:56	10/29/22 12:50	10
Xylenes, Total	0.188		0.0396	0.0100	mg/Kg		10/24/22 13:56	10/29/22 12:50	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	76		70 - 130				10/24/22 13:56	10/29/22 12:50	10
1,4-Difluorobenzene (Surr)	106		70 - 130				10/24/22 13:56	10/29/22 12:50	10
Analyte	Result	X Calculat Qualifier	RL	MDL 0.0100		D	Prepared	Analyzed 10/31/22 10:08	Dil Fa
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di	0.911	Qualifier	RL 0.0396	MDL 0.0100		<u>D</u>	Prepared	Analyzed 10/31/22 10:08	Dil Fa
Analyte	Result 0.911 esel Range (Qualifier	RL 0.0396		mg/Kg	<u>D</u>	Prepared Prepared		Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Di	Result 0.911 esel Range (Qualifier Organics (RL 0.0396 DRO) (GC)	0.0100 MDL	mg/Kg	— <u>-</u>		10/31/22 10:08	
Analyte Total BTEX Method: SW846 8015 NM - Di Analyte	Result 0.911 esel Range (Result 1630	Qualifier Organics (Qualifier	RL 0.0396 DRO) (GC) RL 49.9	0.0100 MDL 15.0	mg/Kg Unit	— <u>-</u>		10/31/22 10:08 Analyzed	
Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I	Result 0.911 esel Range (Result 1630 Diesel Range	Qualifier Organics (Qualifier	RL 0.0396 DRO) (GC) RL 49.9	0.0100 MDL 15.0	mg/Kg Unit mg/Kg	— <u>-</u>		10/31/22 10:08 Analyzed	
Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics	Result 0.911 esel Range (Result 1630 Diesel Range	Qualifier Organics (Qualifier Organics	RL 0.0396 DRO) (GC) RL 49.9	0.0100 MDL 15.0	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared	10/31/22 10:08 Analyzed 10/25/22 10:41	Dil Fa
Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH	Result 0.911 esel Range Result 1630 Diesel Range Result	Qualifier Organics (Qualifier Organics	RL 0.0396 DRO) (GC) RL 49.9 s (DRO) (GC) RL	0.0100 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit	<u></u> <u>D</u>	Prepared Prepared	Analyzed Analyzed Analyzed 10/25/22 10:41 Analyzed 10/24/22 23:43	Dil Fa

Limits

70 - 130

70 - 130

RL

5.01

MDL Unit

0.396 mg/Kg

%Recovery Qualifier

98

99

232

Result Qualifier

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Eurofins Midland

Prepared

Prepared

D

Analyzed

Analyzed

10/26/22 05:16

10/24/22 11:10 10/24/22 23:43

10/24/22 11:10 10/24/22 23:43

Dil Fac

Dil Fac

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-66 Lab Sample ID: 880-20623-66

Date Collected: 10/20/22 11:02 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00384	U	0.0200	0.00384	mg/Kg		10/24/22 13:56	10/29/22 13:10	1
Toluene	0.0123	J	0.0200	0.00455	mg/Kg		10/24/22 13:56	10/29/22 13:10	1
Ethylbenzene	0.352		0.0200	0.00564	mg/Kg		10/24/22 13:56	10/29/22 13:10	1
m-Xylene & p-Xylene	0.0689		0.0399	0.0101	mg/Kg		10/24/22 13:56	10/29/22 13:10	1
o-Xylene	0.00468	J	0.0200	0.00343	mg/Kg		10/24/22 13:56	10/29/22 13:10	1
Xylenes, Total	0.0736		0.0399	0.0101	mg/Kg		10/24/22 13:56	10/29/22 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130				10/24/22 13:56	10/29/22 13:10	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/24/22 13:56	10/29/22 13:10	1
Method: TAL SOP Total BTEX	. Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.438		0.0399	0.0101	mg/Kg			10/31/22 10:08	
						_			
Analyte	Result	Organics (Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Analyte					Unit mg/Kg	<u>D</u>	Prepared	Analyzed 10/25/22 10:41	Dil Fa
Analyte Total TPH	Result 440	Qualifier	RL 49.9			<u>D</u>	Prepared		Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E	Result 440 Diesel Range	Qualifier	RL 49.9		mg/Kg	<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result 440 Diesel Range	Qualifier Organics	RL 49.9	15.0 MDL	mg/Kg		·	10/25/22 10:41	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 440 Diesel Range Result	Qualifier Organics	RL 49.9 6 (DRO) (GC) RL	15.0 MDL 15.0	mg/Kg Unit		Prepared 10/24/22 11:10	10/25/22 10:41 Analyzed	
Analyte Total TPH Method: SW846 8015B NM - Description of the sum	Result 440 Diesel Range Result 78.1	Qualifier Organics Qualifier	RL 49.9 (DRO) (GC) RL 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10	10/25/22 10:41 Analyzed 10/25/22 00:26	
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 440 Diesel Range Result 78.1	Qualifier Organics Qualifier U	RL 49.9 (DRO) (GC) RL 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 00:26 10/25/22 00:26	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 440 Diesel Range Result 78.1 362 <15.0	Qualifier Organics Qualifier U	RL 49.9 (DRO) (GC) RL 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 00:26 10/25/22 00:26 10/25/22 00:26	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate G-Chlorooctane	Result 440 Diesel Range Result 78.1 362 <15.0 %Recovery	Qualifier Organics Qualifier U	RL 49.9 (DRO) (GC) RL 49.9 49.9 Limits	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10 10/24/22 11:10 Prepared 10/24/22 11:10	Analyzed 10/25/22 00:26 10/25/22 00:26 10/25/22 00:26 Analyzed	Dil Fa
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions,	Result 440	Qualifier Organics Qualifier U Qualifier	RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10 10/24/22 11:10 Prepared 10/24/22 11:10	Analyzed 10/25/22 00:26 10/25/22 00:26 10/25/22 00:26 Analyzed 10/25/22 00:26	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane 0-Terphenyl	Result 440	Qualifier Organics Qualifier U Qualifier	RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10 10/24/22 11:10 Prepared 10/24/22 11:10	Analyzed 10/25/22 00:26 10/25/22 00:26 10/25/22 00:26 Analyzed 10/25/22 00:26	

Lab Sample ID: 880-20623-67 **Client Sample ID: NSW-1** Date Collected: 10/19/22 14:30 Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U F1	0.00199	0.000383	mg/Kg		10/24/22 13:56	10/29/22 09:21	1
Toluene	< 0.000454	U F1	0.00199	0.000454	mg/Kg		10/24/22 13:56	10/29/22 09:21	1
Ethylbenzene	< 0.000563	U F1	0.00199	0.000563	mg/Kg		10/24/22 13:56	10/29/22 09:21	1
m-Xylene & p-Xylene	<0.00101	U F1	0.00398	0.00101	mg/Kg		10/24/22 13:56	10/29/22 09:21	1
o-Xylene	< 0.000343	U F2 F1	0.00199	0.000343	mg/Kg		10/24/22 13:56	10/29/22 09:21	1
Xylenes, Total	<0.00101	U F1	0.00398	0.00101	mg/Kg		10/24/22 13:56	10/29/22 09:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/24/22 13:56	10/29/22 09:21	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: NSW-1 Lab Sample ID: 880-20623-67 **Matrix: Solid**

Date Collected: 10/19/22 14:30 Date Received: 10/21/22 12:10

Sample Depth: 2

Method: SW846 8021B - Volatil	e Organic Compounds	(GC) (Continued)
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Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99	70 - 130	10/24/22 13:56	10/29/22 09:21	1

Method: TAL SOF	Total BTEX - Total	BTEX Calculation
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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			10/31/22 10:08	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.9	50.0	15.0 mg/Kg		_	10/25/22 10:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result Qualifie	r RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0 U	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 00:47	1
Diesel Range Organics (Over C10-C28)	57.9	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 00:47	1
Oll Range Organics (Over C28-C36)	<15.0 U	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 00:47	1
0	0/5						A I	D# E

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	10/24/22 11:10	10/25/22 00:47	1
o-Terphenyl	92		70 - 130	10/24/22 11:10	10/25/22 00:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.3		4.96	0.392	mg/Kg			10/26/22 00:24	1

Lab Sample ID: 880-20623-68 **Client Sample ID: NSW-2** Matrix: Solid

Date Collected: 10/19/22 14:32 Date Received: 10/21/22 12:10

Sample Depth: 2

M	lethod:	SW846	8021B	- Volatile	Organic (Compounds	(GC)
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mothod offord out in	matino Organio	Compoun	40 (00)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:56	10/29/22 09:41	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		10/24/22 13:56	10/29/22 09:41	1
Ethylbenzene	< 0.000562	U	0.00199	0.000562	mg/Kg		10/24/22 13:56	10/29/22 09:41	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		10/24/22 13:56	10/29/22 09:41	1
o-Xylene	< 0.000342	U	0.00199	0.000342	mg/Kg		10/24/22 13:56	10/29/22 09:41	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		10/24/22 13:56	10/29/22 09:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				10/24/22 13:56	10/29/22 09:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/24/22 13:56	10/29/22 09:41	1

Mothod: TAI	COD Total RTEY	- Total RTFX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			10/31/22 10:08	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	415	50.0	15.0 mg/Kg			10/25/22 10:41	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: NSW-2

Lab Sample ID: 880-20623-68 Date Collected: 10/19/22 14:32

Matrix: Solid

Date Received: 10/21/22 12:10 Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 00:04	1
Diesel Range Organics (Over C10-C28)	415		50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 00:04	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				10/24/22 11:10	10/25/22 00:04	1
o-Terphenyl	87		70 - 130				10/24/22 11:10	10/25/22 00:04	1
Method: EPA 300.0 - Anions,	Ion Chroma	tography -	Soluble						
•	D 14	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	114	1410	0	_	opa. oa	,a.y = 0 a	D ao

Lab Sample ID: 880-20623-69 **Client Sample ID: NSW-3**

Date Collected: 10/19/22 14:34 **Matrix: Solid**

Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00200	0.000386	mg/Kg		10/24/22 13:56	10/29/22 10:02	1
Toluene	< 0.000457	U	0.00200	0.000457	mg/Kg		10/24/22 13:56	10/29/22 10:02	1
Ethylbenzene	<0.000566	U	0.00200	0.000566	mg/Kg		10/24/22 13:56	10/29/22 10:02	1
m-Xylene & p-Xylene	<0.00101	U	0.00401	0.00101	mg/Kg		10/24/22 13:56	10/29/22 10:02	1
o-Xylene	< 0.000345	U	0.00200	0.000345	mg/Kg		10/24/22 13:56	10/29/22 10:02	1
Xylenes, Total	<0.00101	U	0.00401	0.00101	mg/Kg		10/24/22 13:56	10/29/22 10:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/24/22 13:56	10/29/22 10:02	1
1,4-Difluorobenzene (Surr)	88		70 - 130				10/24/22 13:56	10/29/22 10:02	1
Total RTEX	<0.00101	П	0.00401	0.00101	ma/Ka			10/31/22 10:08	
Total BTEX Method: SW846 8015 NM - Die		Organics (0.00101		— — П	Prepared	10/31/22 10:08	
-	esel Range (Organics (Qualifier		MDL		<u>D</u>	Prepared	10/31/22 10:08 Analyzed 10/25/22 10:41	Dil Fac
Method: SW846 8015 NM - Die Analyte	esel Range (Result 19.8	Organics (Qualifier J	DRO) (GC) RL 49.9	MDL	Unit mg/Kg		Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	esel Range (Result 19.8	Organics (Qualifier J Organics Qualifier Qualifier	DRO) (GC) RL 49.9	MDL 15.0	Unit mg/Kg	_ =		Analyzed 10/25/22 10:41	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	esel Range (Result 19.8 Piesel Range Result	Organics (Qualifier J Organics Qualifier U	DRO) (GC) RL 49.9 (DRO) (GC) RL	MDL 15.0	Unit mg/Kg	_ =	Prepared	Analyzed 10/25/22 10:41 Analyzed	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 19.8 Diesel Range Result Result 	Organics (Qualifier J Organics Qualifier U	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg	_ =	Prepared 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 01:09 10/25/22 01:09	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 19.8 Piesel Range Result <a href="mailto:result-state-st</td><td>Organics (Qualifier J Organics Qualifier U J</td><td>DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9</td><td>MDL
15.0
MDL
15.0</td><td>Unit mg/Kg Unit mg/Kg mg/Kg</td><td>_ =</td><td>Prepared 10/24/22 11:10 10/24/22 11:10</td><td>Analyzed 10/25/22 10:41 Analyzed 10/25/22 01:09 10/25/22 01:09</td><td>Dil Fac</td></tr><tr><td>Method: SW846 8015 NM - Die
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)</td><td>Result 19.8 Piesel Range Result <a href=" mailto:result-state-st<="" td=""><td>Organics (Qualifier J Organics Qualifier U J</td><td>DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9</td><td>MDL 15.0 MDL 15.0</td><td>Unit mg/Kg Unit mg/Kg mg/Kg</td><td>_ =</td><td>Prepared 10/24/22 11:10 10/24/22 11:10 10/24/22 11:10</td><td>Analyzed 10/25/22 10:41 Analyzed 10/25/22 01:09 10/25/22 01:09 10/25/22 01:09</td><td>Dil Fac Dil Fac 1 Dil Fac 1 1 Dil Fac 1</td>	Organics (Qualifier J Organics Qualifier U J	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 11:10 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 01:09 10/25/22 01:09 10/25/22 01:09	Dil Fac Dil Fac 1 Dil Fac 1 1 Dil Fac 1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: NSW-3 Lab Sample ID: 880-20623-69

Date Collected: 10/19/22 14:34 Date Received: 10/21/22 12:10

Matrix: Solid

Sample Depth: 2

Method: EPA 300.0 - Anions, I	on Chromatography	- Soluble						
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.2	5.02	0.397	mg/Kg			10/26/22 00:43	1

Client Sample ID: NSW-4 Lab Sample ID: 880-20623-70

Date Collected: 10/19/22 14:36 Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		10/24/22 13:56	10/29/22 10:22	1
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:56	10/29/22 10:22	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		10/24/22 13:56	10/29/22 10:22	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:56	10/29/22 10:22	1
o-Xylene	< 0.000346	U	0.00201	0.000346	mg/Kg		10/24/22 13:56	10/29/22 10:22	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:56	10/29/22 10:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/24/22 13:56	10/29/22 10:22	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/24/22 13:56	10/29/22 10:22	1

Total BTEX	<0.00102	U	0.00402	0.00102	mg/Kg			10/31/22 10:08	1
Method: SW846 8015 NM - Die	sel Range (Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	35.6	T	49 9	15.0	ma/Ka			10/25/22 10:41	

Analyte	Result	Qualifier	(DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.6	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 01:30	1
Diesel Range Organics (Over C10-C28)	20.0	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 01:30	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 01:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/24/22 11:10	10/25/22 01:30	1
o-Terphenyl	92		70 - 130				10/24/22 11:10	10/25/22 01:30	1

Method: EPA 300.0 - Anions, Io	on Chromatography - S	Soluble						
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.5	4.99	0.394	mg/Kg			10/26/22 00:48	1

Lab Sample ID: 880-20623-71

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: NSW-5

Date Collected: 10/19/22 14:38 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:56	10/29/22 15:14	-
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:56	10/29/22 15:14	
Ethylbenzene	0.00143	J	0.00199	0.000563	mg/Kg		10/24/22 13:56	10/29/22 15:14	
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:56	10/29/22 15:14	
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		10/24/22 13:56	10/29/22 15:14	,
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:56	10/29/22 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				10/24/22 13:56	10/29/22 15:14	-
1,4-Difluorobenzene (Surr)	102		70 - 130				10/24/22 13:56	10/29/22 15:14	1
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion						
	Posult	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Nesuit	a, a a i i i i i							
Total BTEX	0.00143	J	0.00398	0.00101	mg/Kg		<u> </u>	10/31/22 10:08	1
<u> </u>	0.00143 esel Range (J	0.00398	0.00101 MDL	0 0	— — D	Prepared	10/31/22 10:08 Analyzed	
Total BTEX Method: SW846 8015 NM - Di	0.00143 esel Range (J Organics (Qualifier	0.00398 DRO) (GC)	MDL	0 0	<u>D</u>	Prepared		Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH	0.00143 esel Range (Result 41.3	Organics (Qualifier J	0.00398 DRO) (GC) RL 49.9	MDL 15.0	Unit	<u>D</u>	Prepared	Analyzed	
Total BTEX Method: SW846 8015 NM - Di Analyte	0.00143 esel Range (Result 41.3 Diesel Range	Organics (Qualifier J	0.00398 DRO) (GC) RL 49.9	MDL 15.0	Unit mg/Kg	D	Prepared	Analyzed	
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics	0.00143 esel Range (Result 41.3 Diesel Range	Organics (Qualifier J Organics Qualifier	0.00398 DRO) (GC) RL 49.9 (DRO) (GC)	MDL 15.0	Unit mg/Kg		<u> </u>	Analyzed 10/25/22 10:41	Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	0.00143 esel Range (Result 41.3 Diesel Range Result	Organics (Qualifier J Organics Qualifier J	0.00398 DRO) (GC) RL 49.9 (DRO) (GC) RL	MDL 15.0	Unit mg/Kg		Prepared 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10	0.00143 esel Range (Result 41.3 Diesel Range Result 21.4	Organics (Qualifier J Organics Qualifier J J	0.00398 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 03:39	Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.00143 esel Range (Result 41.3 Diesel Range Result 21.4	Organics (Qualifier J Organics Qualifier J U	0.00398 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 03:39 10/25/22 03:39	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	0.00143 esel Range (Result 41.3 Diesel Range Result 21.4 19.9	Organics (Qualifier J Organics Qualifier J U	0.00398 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 03:39 10/25/22 03:39	Dil Fac

Client Sample ID: NSW-6

Date Collected: 10/19/22 14:40

Lab Sample ID: 880-20623-72

Matrix: Solid

RL

5.00

MDL Unit

0.395 mg/Kg

D

Prepared

Analyzed

10/26/22 00:53

Dil Fac

Result Qualifier

193

Date Collected: 10/19/22 14:40 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:56	10/29/22 15:56	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		10/24/22 13:56	10/29/22 15:56	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		10/24/22 13:56	10/29/22 15:56	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		10/24/22 13:56	10/29/22 15:56	1
o-Xylene	0.0242		0.00199	0.000342	mg/Kg		10/24/22 13:56	10/29/22 15:56	1
Xylenes, Total	0.0242		0.00398	0.00100	mg/Kg		10/24/22 13:56	10/29/22 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				10/24/22 13:56	10/29/22 15:56	1

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: NSW-6 Lab Sample ID: 880-20623-72

Date Collected: 10/19/22 14:40 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Method: SW846 8021B -	 Volatile Organic 	Compounds ((GC) (Continued)
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Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105	70 - 130	10/24/22 13:56	10/29/22 15:56	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0242	0.00398	0.00100 mg/Kg			10/31/22 10:08	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	204	50.0	15.0 mg/Kg			10/25/22 10:41	1

Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
40.6 J	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:00	1
163	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:00	1
<15.0 U	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:00	1
	40.6 J 163	40.6 J 50.0 163 50.0	40.6 J 50.0 15.0 163 50.0 15.0	40.6 J 50.0 15.0 mg/Kg 163 50.0 15.0 mg/Kg	40.6 J 50.0 15.0 mg/Kg 163 50.0 15.0 mg/Kg	40.6 J 50.0 15.0 mg/Kg 10/24/22 11:10 163 50.0 15.0 mg/Kg 10/24/22 11:10	40.6 J 50.0 15.0 mg/Kg 10/24/22 11:10 10/25/22 04:00 163 50.0 15.0 mg/Kg 10/24/22 11:10 10/25/22 04:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	10/24/22 11:10	10/25/22 04:00	1
o-Terphenyl	113		70 - 130	10/24/22 11:10	10/25/22 04:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.0		5.00	0.395	mg/Kg			10/26/22 01:07	1

Lab Sample ID: 880-20623-73 **Client Sample ID: ESW-1 Matrix: Solid**

Date Collected: 10/19/22 14:42 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Mothod	CIMONE SUSAB	Volatila Organia	c Compounds (GC)

Michiga. Offoro 002 ID - Vo	name Organic	Compoun	us (GO)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		10/24/22 13:56	10/29/22 16:17	1
Toluene	0.0139		0.00202	0.000460	mg/Kg		10/24/22 13:56	10/29/22 16:17	1
Ethylbenzene	< 0.000570	U	0.00202	0.000570	mg/Kg		10/24/22 13:56	10/29/22 16:17	1
m-Xylene & p-Xylene	<0.00102	U	0.00403	0.00102	mg/Kg		10/24/22 13:56	10/29/22 16:17	1
o-Xylene	< 0.000347	U	0.00202	0.000347	mg/Kg		10/24/22 13:56	10/29/22 16:17	1
Xylenes, Total	<0.00102	U	0.00403	0.00102	mg/Kg		10/24/22 13:56	10/29/22 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				10/24/22 13:56	10/29/22 16:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/24/22 13:56	10/29/22 16:17	1

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ı	Mothod:	ΤΔΙ	SUD	Total	RTEY	- Total	RTEY	Calculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0139	0.00403	0.00102 mg/Kg			10/31/22 10:08	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1230	49.9	15.0	mg/Kg			10/25/22 10:41	1

Lab Sample ID: 880-20623-73

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: ESW-1

Date Collected: 10/19/22 14:42 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	84.4		49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 02:13	1
Diesel Range Organics (Over C10-C28)	1150		49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 02:13	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 02:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/24/22 11:10	10/25/22 02:13	1
o-Terphenyl	104		70 - 130				10/24/22 11:10	10/25/22 02:13	1
Method: EPA 300.0 - Anions,	Ion Chroma	ography -	Soluble						
Method: EPA 300.0 - Anions, Analyte		ography - Qualifier	Soluble RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: SSW-1

Date Collected: 10/19/22 14:30

Lab Sample ID: 880-20623-74

Matrix: Solid

Date Received: 10/21/22 12:10

Comple Depth 2

Sample Depth: 3

Method: SW846 8021B - Volat	_								
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/24/22 13:56	10/29/22 16:37	1
Toluene	0.0203		0.00200	0.000455	mg/Kg		10/24/22 13:56	10/29/22 16:37	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		10/24/22 13:56	10/29/22 16:37	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:56	10/29/22 16:37	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		10/24/22 13:56	10/29/22 16:37	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:56	10/29/22 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/24/22 13:56	10/29/22 16:37	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/24/22 13:56	10/29/22 16:37	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	ittodait	acadimici	11						
Total BTEX	0.0203	<u> </u>	0.00399	0.00101	mg/Kg			10/31/22 10:08	1
Total BTEX	0.0203		0.00399		mg/Kg		· ·		1
	0.0203		0.00399		mg/Kg				1
Total BTEX	0.0203 esel Range (0.00399		0 0	D	Prepared		1 Dil Fac
Total BTEX Method: SW846 8015 NM - Die	0.0203 esel Range (Organics (0.00399 DRO) (GC)	0.00101 MDL	0 0	D	Prepared	10/31/22 10:08	
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	0.0203 esel Range (Result	Organics (Qualifier	0.00399 DRO) (GC) RL 50.0	0.00101 MDL 15.0	Unit	<u>D</u>	Prepared	10/31/22 10:08 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte	0.0203 esel Range (Result 343 Diesel Range	Organics (Qualifier	0.00399 DRO) (GC) RL 50.0	0.00101 MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared Prepared	10/31/22 10:08 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	0.0203 esel Range (Result 343 Diesel Range	Organics (Qualifier Organics Qualifier	0.00399 DRO) (GC) RL 50.0 (DRO) (GC)	0.00101 MDL 15.0	Unit mg/Kg		<u> </u>	10/31/22 10:08 Analyzed 10/25/22 10:41	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte	0.0203 esel Range (Result 343 Diesel Range Result	Organics (Qualifier Organics Qualifier	0.00399 DRO) (GC) RL 50.0 (DRO) (GC) RL	0.00101 MDL 15.0 MDL 15.0	Unit mg/Kg		Prepared	Analyzed 10/25/22 10:41 Analyzed 10/25/22 03:17	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	0.0203 esel Range (Result 343 Diesel Range Result <15.0	Organics (Qualifier Organics Qualifier U	0.00399 DRO) (GC) RL 50.0 (DRO) (GC) RL 50.0	0.00101 MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 03:17	Dil Fac Dil Fac 1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	0.0203 esel Range (Result 343 Diesel Range Result <15.0 343	Organics (Qualifier Organics Qualifier U	0.00399 DRO) (GC) RL 50.0 (DRO) (GC) RL 50.0 50.0	0.00101 MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 03:17 10/25/22 03:17	Dil Fac Dil Fac 1 1 1
Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - Danalyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	0.0203 esel Range (Result 343 Diesel Range Result <15.0 343 <15.0	Organics (Qualifier Organics Qualifier U	0.00399 DRO) (GC) RL 50.0 6 (DRO) (GC) RL 50.0 50.0	0.00101 MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/24/22 11:10 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 03:17 10/25/22 03:17	Dil Fac Dil Fac 1

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1 A

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: SSW-1

Date Collected: 10/19/22 14:30

Lab Sample ID: 880-20623-74 Matrix: Solid

Date Received: 10/21/22 12:10 Sample Depth: 3

N	Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
A	nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	hloride	99.7		5.02	0.397	mg/Kg			10/26/22 01:17	1

Client Sample ID: SSW-2

Date Collected: 10/19/22 14:32

Lab Sample ID: 880-20623-75

Matrix: Solid

Date Collected: 10/19/22 14:32 Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		10/24/22 13:56	10/29/22 14:32	1
Toluene	< 0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:56	10/29/22 14:32	1
Ethylbenzene	<0.000568	U	0.00201	0.000568	mg/Kg		10/24/22 13:56	10/29/22 14:32	1
m-Xylene & p-Xylene	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:56	10/29/22 14:32	1
o-Xylene	< 0.000346	U	0.00201	0.000346	mg/Kg		10/24/22 13:56	10/29/22 14:32	1
Xylenes, Total	<0.00102	U	0.00402	0.00102	mg/Kg		10/24/22 13:56	10/29/22 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				10/24/22 13:56	10/29/22 14:32	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/24/22 13:56	10/29/22 14:32	1

Analyte	Result Qualifie	r RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102 U	0.00402	0.00102	mg/Kg			10/31/22 10:08	1
_								
Method: SW846 8015 NM - Dies	sel Range Organio	cs (DRO) (GC)						
	B 1/ 0 1/0				_			

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1720	50.0	15.0	mg/Kg			10/25/22 10:41	1
	esel Range Organics (DRO) (GC)						
Analyta	Popult Qualifier	DI .	MDI	Hoit	D .	Droporod	Anglyzed	Dil Eco

Analyte	Result	Qualifier	KL	MDL	Unit	ט	Prepared	Anaiyzed	DII Fac
Gasoline Range Organics (GRO)-C6-C10	30.6	J	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 02:34	1
Diesel Range Organics (Over C10-C28)	1690		50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 02:34	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/24/22 11:10	10/25/22 02:34	1
o-Terphenyl	101		70 - 130				10/24/22 11:10	10/25/22 02:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	317		5.01	0.396	mg/Kg			10/26/22 01:22	1

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: SSW-3

Lab Sample ID: 880-20623-76 Date Collected: 10/19/22 14:34 Date Received: 10/21/22 12:10

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:56	10/29/22 14:53	1
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:56	10/29/22 14:53	1
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		10/24/22 13:56	10/29/22 14:53	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:56	10/29/22 14:53	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		10/24/22 13:56	10/29/22 14:53	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:56	10/29/22 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/24/22 13:56	10/29/22 14:53	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/24/22 13:56	10/29/22 14:53	1
Total BTEX	< 0.00101	U	0.00398	0.00101	ma/ka			10/31/22 10:08	1
Method: SW846 8015 NM - Die Analyte		•		MDL		D	Prepared		Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH		Organics (Qualifier	DRO) (GC)	MDL		<u>D</u>	Prepared	Analyzed 10/25/22 10:41	·
Analyte Total TPH Method: SW846 8015B NM - D	Result 765	Qualifier	DRO) (GC) RL 49.9	MDL 15.0	Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Analyte	Result 765	Qualifier Organics Qualifier	DRO) (GC) RL 49.9	MDL 15.0	Unit mg/Kg	_ =	·	Analyzed 10/25/22 10:41	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result 765 Diesel Range Result	Qualifier Organics Qualifier	DRO) (GC) RL 49.9 (DRO) (GC) RL	MDL 15.0	Unit mg/Kg Unit	_ =	Prepared	Analyzed 10/25/22 10:41 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 765 Diesel Range Result 30.9	Qualifier Organics Qualifier J	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg	_ =	Prepared 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 02:56 10/25/22 02:56	Dil Fac Dil Fac 1
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 765 Diesel Range Result 30.9	Qualifier Organics Qualifier J	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 02:56 10/25/22 02:56	Dil Fac Dil Fac 1 1 1
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 765 Diesel Range Result 30.9 734 <15.0	Qualifier Organics Qualifier J	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/24/22 11:10 10/24/22 11:10 10/24/22 11:10	Analyzed 10/25/22 10:41 Analyzed 10/25/22 02:56 10/25/22 02:56 10/25/22 02:56	Dil Fac Dil Fac 1

4.98 **Client Sample ID: SSW-5** Lab Sample ID: 880-20623-78

RL

MDL Unit

0.393 mg/Kg

D

Prepared

Analyzed

10/26/22 01:27

Dil Fac

Matrix: Solid

Date Collected: 10/19/22 14:38 Date Received: 10/21/22 12:10

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

87.0

Sample Depth: 1.5

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0429		0.0199	0.00383	mg/Kg		10/24/22 13:56	10/29/22 17:18	10
Toluene	0.176		0.0199	0.00453	mg/Kg		10/24/22 13:56	10/29/22 17:18	10
Ethylbenzene	< 0.00562	U	0.0199	0.00562	mg/Kg		10/24/22 13:56	10/29/22 17:18	10
m-Xylene & p-Xylene	<0.0100	U	0.0398	0.0100	mg/Kg		10/24/22 13:56	10/29/22 17:18	10
o-Xylene	0.0512		0.0199	0.00342	mg/Kg		10/24/22 13:56	10/29/22 17:18	10
Xylenes, Total	0.0512		0.0398	0.0100	mg/Kg		10/24/22 13:56	10/29/22 17:18	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/24/22 13:56	10/29/22 17:18	10

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: SSW-5 Lab Sample ID: 880-20623-78

Date Collected: 10/19/22 14:38 **Matrix: Solid** Date Received: 10/21/22 12:10

Sample Depth: 1.5

Method: SW846 8021B - Volat	le Organic Compounds	(GC) (Continued)
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Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130	10/24/22 13:56	10/29/22 17:18	10

Method: TAL	SOP Total BTEX - Total BTEX Calcula	ation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.270	0.0398	0.0100 mg/Kg			10/31/22 10:08	1

Mothod: SW846	8 8015 NM - Diesel	Range Organics	(DRO) (GC)
Michiga. Offord	OUTO ININ - DICOCI	Italige Organics	(DIXO) (OO)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.1		49.9	15.0	mg/Kg			10/25/22 10:41	1

Method: SW846 8015B NM - Diesel Range	Organics (DRO) (GC)
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Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
22.5	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:22	1
49.6	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:22	1
<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:22	1
	22.5 49.6	Result Qualifier	22.5 J 49.9 49.6 J 49.9	22.5 J 49.9 15.0 49.6 J 49.9 15.0	22.5 J 49.9 15.0 mg/Kg 49.6 J 49.9 15.0 mg/Kg	22.5 J 49.9 15.0 mg/Kg 49.6 J 49.9 15.0 mg/Kg	22.5 J 49.9 15.0 mg/Kg 10/24/22 11:10 49.6 J 49.9 15.0 mg/Kg 10/24/22 11:10	22.5 J 49.9 15.0 mg/Kg 10/24/22 11:10 10/25/22 04:22 49.6 J 49.9 15.0 mg/Kg 10/24/22 11:10 10/25/22 04:22

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	10/24/22 11:10	10/25/22 04:22	1
o-Terphenyl	116		70 - 130	10/24/22 11:10	10/25/22 04:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.1		4.97	0.393	mg/Kg			10/26/22 01:31	1

Lab Sample ID: 880-20623-79 Client Sample ID: SSW-6 Matrix: Solid

Date Collected: 10/19/22 14:40 Date Received: 10/21/22 12:10

Sample Depth: 4

Method: SW846 8021B	 Volatile Organic Compou 	nds	(GC)
INICHIOG. SAAOTO OUZ ID	- voiatile Ordanic Combou	iluə	1001

Michiga. Offoro our ID - to	name organie	Compoun	us (55)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0895		0.0201	0.00387	mg/Kg		10/24/22 13:56	10/29/22 17:39	10
Toluene	0.0113	J	0.0201	0.00459	mg/Kg		10/24/22 13:56	10/29/22 17:39	10
Ethylbenzene	0.643		0.0201	0.00568	mg/Kg		10/24/22 13:56	10/29/22 17:39	10
m-Xylene & p-Xylene	0.139		0.0402	0.0102	mg/Kg		10/24/22 13:56	10/29/22 17:39	10
o-Xylene	0.00938	J	0.0201	0.00346	mg/Kg		10/24/22 13:56	10/29/22 17:39	10
Xylenes, Total	0.148		0.0402	0.0102	mg/Kg		10/24/22 13:56	10/29/22 17:39	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	253	S1+	70 - 130				10/24/22 13:56	10/29/22 17:39	10
1 4-Diffuorobenzene (Surr)	107		70 130				10/24/22 13:56	10/20/22 17:30	10

4-Bromofluorobenzene (Surr)	253 S1+	70 - 130	10/24/22 13:56	10/29/22 17:39	10
1,4-Difluorobenzene (Surr)	107	70 - 130	10/24/22 13:56	10/29/22 17:39	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.892		0.0402	0.0102	mg/Kg			10/31/22 10:08	1

Analyte	Result Qualifier	` RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7790	50.0	15.0	mg/Kg			10/24/22 09:48	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: SSW-6

Date Collected: 10/19/22 14:40 Date Received: 10/21/22 12:10

Sample Depth: 4

Lab Sample ID: 880-20623-79

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	854		50.0	15.0	mg/Kg		10/21/22 13:50	10/22/22 03:25	1
Diesel Range Organics (Over C10-C28)	4800		50.0	15.0	mg/Kg		10/21/22 13:50	10/22/22 03:25	1
Oll Range Organics (Over C28-C36)	2140		50.0	15.0	mg/Kg		10/21/22 13:50	10/22/22 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				10/21/22 13:50	10/22/22 03:25	1
o-Terphenyl	112		70 - 130				10/21/22 13:50	10/22/22 03:25	1

Analyte Result Qualifier RLMDL Unit Prepared Analyzed Dil Fac Chloride 360 5.03 10/26/22 01:46 0.397 mg/Kg

Client Sample ID: SSW-6A Lab Sample ID: 880-20623-80

Date Collected: 10/19/22 14:42 **Matrix: Solid**

Date Received: 10/21/22 12:10

Sample Depth: 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0242		0.0199	0.00383	mg/Kg		10/24/22 13:56	10/29/22 17:59	10
Toluene	0.0374		0.0199	0.00454	mg/Kg		10/24/22 13:56	10/29/22 17:59	10
Ethylbenzene	0.320		0.0199	0.00563	mg/Kg		10/24/22 13:56	10/29/22 17:59	10
m-Xylene & p-Xylene	0.0719		0.0398	0.0101	mg/Kg		10/24/22 13:56	10/29/22 17:59	10
o-Xylene	0.0192	J	0.0199	0.00343	mg/Kg		10/24/22 13:56	10/29/22 17:59	10
Cylenes, Total	0.0911		0.0398	0.0101	mg/Kg		10/24/22 13:56	10/29/22 17:59	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	227	S1+	70 - 130				10/24/22 13:56	10/29/22 17:59	10
1,4-Difluorobenzene (Surr)	124		70 - 130				10/24/22 13:56	10/29/22 17:59	10
	Result	Qualifier	0.0398	MDL 0.0101		<u>D</u>	Prepared	Analyzed 10/31/22 10:08	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - D Analyte	0.473 Diesel Range (0.0398		mg/Kg	D	Prepared	10/31/22 10:08	
Total BTEX	0.473 Diesel Range (Organics (0.0398 DRO) (GC)	0.0101 MDL	mg/Kg	_ =			1
Total BTEX Method: SW846 8015 NM - D Analyte	0.473 Diesel Range (Result 6150 Diesel Range	Organics (Qualifier	0.0398 DRO) (GC) RL 49.9	0.0101 MDL	mg/Kg Unit mg/Kg	_ =		10/31/22 10:08 Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - E Analyte Total TPH Method: SW846 8015B NM - Analyte Gasoline Range Organics	0.473 Diesel Range (Result 6150 Diesel Range	Organics (Qualifier Organics	0.0398 DRO) (GC) RL 49.9 (DRO) (GC)	0.0101 MDL 15.0	mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared	10/31/22 10:08 Analyzed 10/24/22 09:48	Dil Fac
Total BTEX Method: SW846 8015 NM - E Analyte Total TPH Method: SW846 8015B NM - Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	0.473 Diesel Range (Result 6150 Diesel Range (Result	Organics (Qualifier Organics	0.0398 DRO) (GC) RL 49.9 (DRO) (GC) RL	0.0101 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit	<u></u> <u>D</u>	Prepared 10/21/22 13:50	10/31/22 10:08 Analyzed 10/24/22 09:48 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - E Analyte Total TPH Method: SW846 8015B NM - Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	0.473 Diesel Range (Result 6150 Diesel Range (Result 455	Organics (Qualifier Organics	0.0398 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	0.0101 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg	<u></u> <u>D</u>	Prepared 10/21/22 13:50 10/21/22 13:50	Analyzed 10/24/22 09:48 Analyzed 10/22/22 03:46	Dil Fac Dil Fac
Total BTEX Method: SW846 8015 NM - E Analyte Total TPH Method: SW846 8015B NM -	O.473 Diesel Range (Result 6150 Diesel Range (Result 455 3940	Organics (Qualifier Organics Qualifier	0.0398 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	0.0101 MDL 15.0 MDL 15.0	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u></u> <u>D</u>	Prepared 10/21/22 13:50 10/21/22 13:50	Analyzed 10/24/22 09:48 Analyzed 10/22/22 03:46 10/22/22 03:46	Dil Fac Dil Fac 1

Date Received: 10/21/22 12:10

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1

Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: SSW-6A Date Collected: 10/19/22 14:42

Lab Sample ID: 880-20623-80

Matrix: Solid

Lab Sample ID: 880-20623-81

Matrix: Solid

Sample Depth: 4

Method: SW846 8015B	NM - Diesel Range (Organics (DRO)	(GC) (Continued)
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Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	118	70 - 130	10/21/22 13:50	10/22/22 03:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualif	ier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	154	5.02	0.397	mg/Kg			10/26/22 01:51	1

Client Sample ID: SSW-7

Date Collected: 10/19/22 14:44 Date Received: 10/21/22 12:10

Sample Depth: 1.5

Method: SW846 8021B -	Volatile Organic	Compounds	(GC)
Analyte	Result	Qualifier	R

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/24/22 13:56	10/29/22 16:58	1
Toluene	< 0.000453	U	0.00199	0.000453	mg/Kg		10/24/22 13:56	10/29/22 16:58	1
Ethylbenzene	0.0123		0.00199	0.000562	mg/Kg		10/24/22 13:56	10/29/22 16:58	1
m-Xylene & p-Xylene	0.00285	J	0.00398	0.00100	mg/Kg		10/24/22 13:56	10/29/22 16:58	1
o-Xylene	0.00105	J	0.00199	0.000342	mg/Kg		10/24/22 13:56	10/29/22 16:58	1
Xylenes, Total	0.00390	J	0.00398	0.00100	mg/Kg		10/24/22 13:56	10/29/22 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	10/24/22 13:56	10/29/22 16:58	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/24/22 13:56	10/29/22 16:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0162	0.00398	0.00100 mg/Kg			10/31/22 10:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result (Qualifier	, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4670		50.0	15.0	mg/Kg			10/24/22 09:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	307		50.0	15.0	mg/Kg		10/21/22 13:50	10/22/22 04:07	1
Diesel Range Organics (Over C10-C28)	2860		50.0	15.0	mg/Kg		10/21/22 13:50	10/22/22 04:07	1
Oll Range Organics (Over C28-C36)	1500		50.0	15.0	mg/Kg		10/21/22 13:50	10/22/22 04:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	10/21/22 13:50	10/22/22 04:07	1
o-Terphenyl	114		70 - 130	10/21/22 13:50	10/22/22 04:07	1

	Ion Chromatography - Soluble
Mothod: FDV 300 0 - Vnione	ION Chromatography - Sollinia

Michiga. El A 000.0 - Allions, i	on omomutograpity - c	Joidbic					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.8	5.02	0.397 ma/Ka			10/26/22 02:05	1

Lab Sample ID: 880-20623-82

Client Sample Results

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: SSW-8

Date Collected: 10/20/22 12:08 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/27/22 14:45	10/27/22 21:54	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		10/27/22 14:45	10/27/22 21:54	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		10/27/22 14:45	10/27/22 21:54	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		10/27/22 14:45	10/27/22 21:54	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		10/27/22 14:45	10/27/22 21:54	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		10/27/22 14:45	10/27/22 21:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/27/22 14:45	10/27/22 21:54	1
1,4-Difluorobenzene (Surr)	88		70 - 130				10/27/22 14:45	10/27/22 21:54	1

Analyte	Result	Qualifier	KL	MDL	Unit	D	Prepared	Anaiyzed	DII Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			10/28/22 11:07	1
	sel Range (Organics (DRO) (GC)						

Method: 5W646 6015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result Q	ualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	1320		50.0	15.0	mg/Kg			10/24/22 09:48	1

Method: SW846 8015B NM -	Diesel Range Organics	(DRO) (GC)						
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.9	50.0	15.0	mg/Kg		10/21/22 13:50	10/22/22 04:27	1
Diesel Range Organics (Over C10-C28)	800	50.0	15.0	mg/Kg		10/21/22 13:50	10/22/22 04:27	1
Oll Range Organics (Over C28-C36)	455	50.0	15.0	mg/Kg		10/21/22 13:50	10/22/22 04:27	1
Surrogate	%Recovery Qualifier	Limits				Prepared	Analyzed	Dil Fac

Mothod: EBA 300.0 Ar	siona lan Chromotography	Colubia			
o-Terphenyl	105	70 - 130	10/21/22 13:50	10/22/22 04:27	1
1-Chlorooctane	93	70 - 130	10/21/22 13:50	10/22/22 04:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble											
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
	Chloride	327		4.99	0.394	mg/Kg			10/26/22 02:10	1	

Client Sample ID: WSW-1

Date Collected: 10/20/22 12:10

Date Received: 10/21/22 12:10

Matrix: Solid

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/27/22 14:45	10/27/22 22:20	1	
Toluene	< 0.000454	U	0.00199	0.000454	mg/Kg		10/27/22 14:45	10/27/22 22:20	1	
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		10/27/22 14:45	10/27/22 22:20	1	
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/27/22 14:45	10/27/22 22:20	1	
o-Xylene	0.0849		0.00199	0.000343	mg/Kg		10/27/22 14:45	10/27/22 22:20	1	
Xylenes, Total	0.0849		0.00398	0.00101	mg/Kg		10/27/22 14:45	10/27/22 22:20	1	

Client Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: WSW-1

Lab Sample ID: 880-20623-83 Date Collected: 10/20/22 12:10 Date Received: 10/21/22 12:10

Sample Depth: 2

Surrogate	%Recovery Qualifie	er Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91	70 - 130	10/27/22 14:45	10/27/22 22:20	1
1,4-Difluorobenzene (Surr)	86	70 - 130	10/27/22 14:45	10/27/22 22:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result Qualit	fier RL	MDL I	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0849	0.00398	0.00101 r	mg/Kg			10/28/22 11:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	44.7 J	49.9	15.0 mg/Kg		_	10/24/22 09:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	44.7	J	49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 02:02	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 02:02	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 02:02	1
Surre mate	0/ Daggirani	Ouglifier	Limita				Dranavad	Analymad	Dil 500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	10/21/22 13:50	10/22/22 02:02	1
o-Terphenyl	84		70 - 130	10/21/22 13:50	10/22/22 02:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	[)	Prepared	Analyzed	Dil Fac
Chloride	146		5.04	0.398	mg/Kg				10/26/22 02:15	1

Client Sample ID: WSW-2 Lab Sample ID: 880-20623-84 **Matrix: Solid**

Date Collected: 10/20/22 12:12 Date Received: 10/21/22 12:10

Sample Depth: 2

Method: SW846 8021B - Volat	file Organic Compounds (GC)
Analyte	Result Qualifier

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		10/28/22 09:04	10/28/22 12:02	1
Toluene	< 0.000454	U *-	0.00199	0.000454	mg/Kg		10/28/22 09:04	10/28/22 12:02	1
Ethylbenzene	< 0.000563	U	0.00199	0.000563	mg/Kg		10/28/22 09:04	10/28/22 12:02	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/28/22 09:04	10/28/22 12:02	1
o-Xylene	< 0.000343	U	0.00199	0.000343	mg/Kg		10/28/22 09:04	10/28/22 12:02	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		10/28/22 09:04	10/28/22 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				10/28/22 09:04	10/28/22 12:02	1

	•			
4-Bromofluorobenzene (Surr)	93	70 - 130	10/28/22 09:04 10/28/22 12:02	1
1,4-Difluorobenzene (Surr)	90	70 - 130	10/28/22 09:04 10/28/22 12:02	1
_				

Method: IAL SUP	Total BIEX - Total BIEX Calculation

	Analyte	Result	Qualifier	RL	MDL	Unit	D)	Prepared	Analyzed	Dil Fac
Į	Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg				10/30/22 22:15	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.9	15.0	mg/Kg			10/24/22 09:48	1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: WSW-2 Lab Sample ID: 880-20623-84

Date Collected: 10/20/22 12:12 Matrix: Solid Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 02:22	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 02:22	1
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				10/21/22 13:50	10/22/22 02:22	1
o-Terphenyl	105		70 - 130				10/21/22 13:50	10/22/22 02:22	1
=			Solublo						
Method: EPA 300.0 - Anions,	Ion Chroma	tograpny -	Soluble						
Method: EPA 300.0 - Anions, Analyte		cograpny - Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: NSW-7 Lab Sample ID: 880-20623-85 **Matrix: Solid**

Date Collected: 10/20/22 12:14 Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/27/22 14:45	10/27/22 23:12	1
Toluene	< 0.000455	U	0.00200	0.000455	mg/Kg		10/27/22 14:45	10/27/22 23:12	1
Ethylbenzene	< 0.000564	U	0.00200	0.000564	mg/Kg		10/27/22 14:45	10/27/22 23:12	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		10/27/22 14:45	10/27/22 23:12	1
o-Xylene	< 0.000343	U	0.00200	0.000343	mg/Kg		10/27/22 14:45	10/27/22 23:12	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		10/27/22 14:45	10/27/22 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	55	S1-	70 - 130				10/27/22 14:45	10/27/22 23:12	1
1,4-Difluorobenzene (Surr)	76		70 - 130				10/27/22 14:45	10/27/22 23:12	1
Method: TAL SOP Total BTEX Analyte		X Calculat Qualifier	ion RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00399	0.00101	mg/Kg			10/28/22 11:07	1
Method: SW846 8015 NM - Die	sool Bongo								
Analyte		Organics (Qualifier	DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier	, , ,		Unit mg/Kg	D	Prepared	Analyzed 10/24/22 09:48	Dil Fac
Analyte Total TPH	Result 15.2	Qualifier J	RL 49.9	15.0		<u>D</u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - D	Result 15.2 Diesel Range	Qualifier J	RL 49.9	15.0	mg/Kg	<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result 15.2 Diesel Range	Qualifier J Organics Qualifier	RL 49.9	15.0 MDL	mg/Kg	_ =		10/24/22 09:48	1
Analyte	Result 15.2 Diesel Range Result	Qualifier J Organics Qualifier U	RL 49.9 (DRO) (GC) RL	15.0 MDL 15.0	mg/Kg Unit	_ =	Prepared	10/24/22 09:48 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 15.2 Diesel Range Result <15.0	Qualifier J Organics Qualifier U	RL 49.9 (DRO) (GC) RL 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg	_ =	Prepared 10/21/22 13:50	10/24/22 09:48 Analyzed 10/22/22 02:43	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 15.2 Diesel Range Result <15.0 15.2	Qualifier J Organics Qualifier U J	RL 49.9 (DRO) (GC) RL 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/21/22 13:50 10/21/22 13:50	10/24/22 09:48 Analyzed 10/22/22 02:43 10/22/22 02:43	1 Dil Fac 1
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 15.2 Diesel Range Result <15.0 15.2 <15.0	Qualifier J Organics Qualifier U J	RL 49.9 (GC) RL 49.9 49.9	15.0 MDL 15.0 15.0	mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 10/21/22 13:50 10/21/22 13:50 10/21/22 13:50	Analyzed 10/22/22 02:43 10/22/22 02:43 10/22/22 02:43	1 Dil Fac 1 1

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: NSW-7 Lab Sai

Lab Sample ID: 880-20623-85

Date Collected: 10/20/22 12:14 Matrix: Solid
Date Received: 10/21/22 12:10

Date Received: 10/21/22 12:10
Sample Depth: 2

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	118		4.98	0.393	mg/Kg			10/26/22 02:25	1

Client Sample ID: NSW-8 Lab Sample ID: 880-20623-86

Date Collected: 10/20/22 12:16

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg		10/27/22 14:45	10/27/22 23:38	1
Toluene	< 0.000451	U	0.00198	0.000451	mg/Kg		10/27/22 14:45	10/27/22 23:38	1
Ethylbenzene	< 0.000559	U	0.00198	0.000559	mg/Kg		10/27/22 14:45	10/27/22 23:38	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg		10/27/22 14:45	10/27/22 23:38	1
o-Xylene	< 0.000341	U	0.00198	0.000341	mg/Kg		10/27/22 14:45	10/27/22 23:38	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		10/27/22 14:45	10/27/22 23:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				10/27/22 14:45	10/27/22 23:38	1
1,4-Difluorobenzene (Surr)	90		70 - 130				10/27/22 14:45	10/27/22 23:38	1
Method: TAL SOP Total BT	EX - Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	П	0.00396	0.00100	mg/Kg			10/28/22 11:07	

Method: SW846 8015 NM - Di	esel Range (Organics (D	RO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	48.1	J	49.9	15.0	mg/Kg			10/24/22 09:48	1
Method: SW846 8015B NM - I	Diesel Range	Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<15.0	U	49.9	15.0 mg/Kg	10/21/22 13:50	10/22/22 03:04	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0 mg/Kg	10/21/22 13:50	10/22/22 03:04	1
Gasoline Range Organics (GRO)-C6-C10	48.1	J	49.9	15.0 mg/Kg	10/21/22 13:50	10/22/22 03:04	1

currogato	70.100010.9	Quannon			7 111 aly 2 c a	2
1-Chlorooctane	77		70 - 130	10/21/22 13:50	10/22/22 03:04	1
o-Terphenyl	87		70 - 130	10/21/22 13:50	10/22/22 03:04	1
_						

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	84.2		4.95	0.391	mg/Kg			10/26/22 02:30	1	

Job ID: 880-20623-1 Client: Talon/LPE Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Method: 8021B - Volatile Organic Compounds (GC)

			_	overy (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)	
880-20623-1	S-1	103	112	
880-20623-1 MS	S-1	101	100	
880-20623-1 MSD	S-1	76	90	
880-20623-2	S-2	95	104	
880-20623-3	S-3	107	105	
880-20623-4	S-4	110	110	
880-20623-5	S-5	123	110	
880-20623-6	S-6	102	103	
880-20623-7	S-7	120	110	
880-20623-7	S-8	111	106	
	S-9			
880-20623-9		105	103	
880-20623-10	S-10	98	106	
880-20623-11	S-11	96	101	
880-20623-12	S-12	99	121	
880-20623-13	S-13	109	108	
880-20623-14	S-14	97	110	
880-20623-15	S-15	106	106	
880-20623-16	S-16	109	122	
880-20623-17	S-17	113	109	
880-20623-18	S-18	108	104	
880-20623-19	S-19	107	103	
880-20623-20	S-20	152 S1+	117	
880-20623-21	S-21	104	95	
880-20623-21 MS	S-21	123	98	
880-20623-21 MSD	S-21	108	102	
880-20623-22	S-22	104	78	
880-20623-23	S-23	92	101	
880-20623-24	S-24	96	91	
880-20623-25	S-25	84	94	
880-20623-26	S-26	89	96	
880-20623-27	S-27	83	100	
880-20623-28	S-28	108	93	
880-20623-29	S-29	98	96	
880-20623-30	S-30	210 S1+	88	
880-20623-31	S-31	101	92	
880-20623-32	S-32	86	107	
880-20623-33	S-33	91	93	
880-20623-34	S-34	137 S1+	121	
880-20623-35	S-35	90	93	
880-20623-36	S-36	101	94	
880-20623-37	S-37	93	97	
880-20623-38	S-38	92	94	
880-20623-39	S-39	92	97	
880-20623-40	S-40	87	106	
880-20623-41	S-41	113	95	
880-20623-41 MS	S-41	92	97	
880-20623-41 MSD	S-41	83	86	
880-20623-42	S-42	109	96	
880-20623-43	S-43	114	107	

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

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

Matrix: Solid Prep Type: Total/NA

				ent Surrogate Recovery (Acceptance
		BFB1	DFBZ1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
0-20623-44	S-44	118	103	
-20623-45	S-45	118	103	
-20623-46	S-46	112	106	
20623-47	S-47	113	99	
-20623-48	S-48	116	107	
)-20623-49	S-49	115	104	
-20623-50	S-50	109	101	
-20623-51	S-51	95	92	
-20623-52	S-52	112	110	
-20623-53	S-53	108	102	
-20623-54	S-54	115	95	
20623-55	S-55	137 S1+	98	
-20623-56	S-56	119	104	
-20623-57	S-57	126	105	
-20623-58	S-58	117	103	
-20623-59	S-59	115	101	
-20623-60	S-60	126	99	
-20623-61	S-61	171 S1+	107	
-20623-62	S-62	204 S1+	108	
-20623-63	S-63	48 S1-	109	
20623-64	S-64	110	111	
20623-65	S-65	76	106	
-20623-66	S-66	176 S1+	108	
-20623-67	NSW-1	92	99	
20623-67 MS	NSW-1	93		
			98	
-20623-67 MSD	NSW-1	78	93	
20623-68	NSW-2	96	96	
-20623-69	NSW-3	92	88	
20623-70	NSW-4	95	100	
20623-71	NSW-5	114	102	
20623-72	NSW-6	101	105	
-20623-73	ESW-1	110	102	
-20623-74	SSW-1	108	101	
-20623-75	SSW-2	93	96	
)-20623-76	SSW-3	106	105	
-20623-78	SSW-5	91	107	
-20623-79	SSW-6	253 S1+	107	
0-20623-80	SSW-6A	227 S1+	124	
0-20623-81	SSW-7	148 S1+	94	
0-20623-82	SSW-8	90	88	
)-20623-83	WSW-1	91	86	
-20623-84	WSW-2	93	90	
)-20623-84 MS	WSW-2	99	93	
0-20623-84 MSD	WSW-2	96	92	
0-20623-85	NSW-7	55 S1-	76	
0-20623-86	NSW-8	103	90	
)-3252-A-44-H MS	Matrix Spike	71	93	
)-3252-A-44-I MSD	Matrix Spike Duplicate	95	92	
S 880-37679/1-A	Lab Control Sample	95 95	100	
S 880-37680/1-A	Lab Control Sample	95 95	97	

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Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

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

Matrix: Solid Prep Type: Total/NA

			Perce	nt Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCS 880-37681/1-A	Lab Control Sample	92	95	
LCS 880-37682/1-A	Lab Control Sample	91	97	
LCS 880-38025/1-A	Lab Control Sample	100	104	
LCS 880-38061/1-A	Lab Control Sample	110	106	
LCSD 880-37679/2-A	Lab Control Sample Dup	96	101	
LCSD 880-37680/2-A	Lab Control Sample Dup	93	94	
LCSD 880-37681/2-A	Lab Control Sample Dup	89	94	
LCSD 880-37682/2-A	Lab Control Sample Dup	97	102	
LCSD 880-38025/2-A	Lab Control Sample Dup	94	99	
LCSD 880-38061/2-A	Lab Control Sample Dup	108	100	
MB 880-37679/5-A	Method Blank	75	91	
MB 880-37680/5-A	Method Blank	119	102	
MB 880-37681/5-A	Method Blank	97	89	
MB 880-37682/5-A	Method Blank	77	94	
MB 880-38022/5-A	Method Blank	72	81	
MB 880-38025/5-A	Method Blank	66 S1-	96	
	Method Blank	62 S1-	89	

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

			Perce	∍n
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-20623-1	S-1	99	105	
880-20623-1 MS	S-1	105	102	
880-20623-1 MSD	S-1	104	100	
880-20623-2	S-2	98	104	
880-20623-3	S-3	96	103	
880-20623-4	S-4	96	102	
880-20623-5	S-5	93	103	
880-20623-6	S-6	105	113	
880-20623-7	S-7	101	106	
880-20623-8	S-8	93	101	
880-20623-9	S-9	94	105	
880-20623-10	S-10	100	110	
880-20623-11	S-11	91	101	
880-20623-12	S-12	98	106	
880-20623-13	S-13	98	103	
880-20623-14	S-14	96	103	
880-20623-15	S-15	96	108	
880-20623-16	S-16	98	107	
880-20623-17	S-17	95	102	
880-20623-18	S-18	94	98	
880-20623-19	S-19	93	101	
880-20623-20	S-20	109	117	
880-20623-21	S-21	75	76	

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Released to Imaging: 9/12/2023 10:39:29 AM

Surrogate Summary

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

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

			Percent Surrogate	Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	70-130)	
880-20623-22	S-22	93	93	
380-20623-23	S-23	109	109	
380-20623-23 MS	S-23	93	83	
380-20623-23 MSD	S-23	94	83	
380-20623-24	S-24	96	93	
380-20623-25	S-25	97	94	
380-20623-26	S-26	113	111	
380-20623-27	S-27	99	98	
380-20623-28	S-28	98	96	
380-20623-29	S-29	100	99	
380-20623-30	S-30	113	107	
380-20623-31	S-31	99	98	
380-20623-32	S-32	109	106	
380-20623-33	S-33	98	96	
380-20623-34	S-34	127	118	
380-20623-35	S-35	124	119	
380-20623-36	S-36	120	115	
380-20623-37	S-37	121	115	
380-20623-38	S-38	98	96	
380-20623-39	S-39	105	102	
380-20623-40	S-40	108	104	
380-20623-40 380-20623-41	S-41	99	108	
380-20623-41 MS	S-41	89	83	
380-20623-41 MSD	S-41	87	82	
380-20623-41 MSD	S-42			
		108	121	
380-20623-43	S-43 S-44	98	104	
380-20623-44		105	114	
380-20623-45	S-45	104	113	
380-20623-46	S-46	94	100	
380-20623-47	S-47	109	119	
380-20623-48	S-48	95	101	
380-20623-49	S-49	95	103	
380-20623-50	S-50	121	31 S1+	
380-20623-51	S-51	93	100	
380-20623-52	S-52	119	130	
880-20623-53	S-53	100	108	
880-20623-54	S-54	94	100	
880-20623-55	S-55	104	112	
380-20623-56	S-56	97	105	
880-20623-57	S-57	106	116	
80-20623-58	S-58	101	110	
880-20623-59	S-59	104	114	
80-20623-60	S-60	97	102	
880-20623-61	S-61	88	88	
880-20623-62	S-62	98	99	
80-20623-63	S-63	87	89	
880-20623-64	S-64	104	101	
80-20623-64 MS	S-64	100	94	
80-20623-64 MSD	S-64	104	82	
880-20623-64 MSD 880-20623-65	S-64 S-65	104 98	82 99	

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Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

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

Matrix: Solid Prep Type: Total/NA

			Pe	
Lab Camula ID	Olient Commis ID	1CO1	OTPH1	
Lab Sample ID 880-20623-66	Client Sample ID S-66	<u>(70-130)</u>	(70-130) 100	
	S-00 NSW-1	96 92		
880-20623-67			92	
880-20623-68	NSW-2	89	87	
880-20623-69	NSW-3	90	89	
880-20623-70	NSW-4	95	92	
880-20623-71	NSW-5	93	93	
880-20623-72	NSW-6	115	113	
880-20623-73	ESW-1	100	104	
880-20623-74	SSW-1	101	102	
880-20623-75	SSW-2	95	101	
880-20623-76	SSW-3	104	105	
880-20623-78	SSW-5	116	116	
880-20623-79	SSW-6	115	112	
880-20623-80	SSW-6A	111	118	
880-20623-81	SSW-7	101	114	
880-20623-82	SSW-8	93	105	
880-20623-83	WSW-1	75	84	
880-20623-84	WSW-2	92	105	
880-20623-85	NSW-7	87	99	
880-20623-86	NSW-8	77	87	
890-3240-A-2-C MS	Matrix Spike	82	84	
890-3240-A-2-D MSD	Matrix Spike Duplicate	79	81	
LCS 880-37503/2-A	Lab Control Sample	90	100	
LCS 880-37619/2-A	Lab Control Sample	124	135 S1+	
LCS 880-37620/2-A	Lab Control Sample	92	86	
LCS 880-37621/2-A	Lab Control Sample	122	134 S1+	
LCS 880-37621/2-A	Lab Control Sample	105	88	
LCSD 880-37503/3-A	Lab Control Sample Dup	99	110	
LCSD 880-37619/3-A	Lab Control Sample Dup	131 S1+	147 S1+	
LCSD 880-37620/3-A	Lab Control Sample Dup	96	87	
LCSD 880-37621/3-A	Lab Control Sample Dup	112	121	
LCSD 880-37641/3-A	Lab Control Sample Dup	104	100	
MB 880-37503/1-A	Method Blank	118	133 S1+	
MB 880-37619/1-A	Method Blank	103	118	
MB 880-37620/1-A	Method Blank	100	104	
MB 880-37621/1-A	Method Blank	98	112	
MB 880-37641/1-A	Method Blank	101	105	

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-37679/5-A

Matrix: Solid

Analysis Batch: 38059

Prep Type: Total/NA

Prep Batch: 37679

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		10/24/22 13:30	10/28/22 22:23	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		10/24/22 13:30	10/28/22 22:23	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		10/24/22 13:30	10/28/22 22:23	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		10/24/22 13:30	10/28/22 22:23	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		10/24/22 13:30	10/28/22 22:23	1
Xylenes, Total	< 0.00101	U	0.00400	0.00101	mg/Kg		10/24/22 13:30	10/28/22 22:23	1

MB MB

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	10	13 - 7/3
7i4-Clfluorobenzene (Surr)	D7	13 - 7/3

Client Sample ID: Lab Control Sample

732 42 : 7/,/3 732 82 : ::,:/ 732 42: 7/,/3 732 82:::,:/

Prepared

Prep Type: Total/NA Prep Batch: 37679

Prep Type: Total/NA

Prep Batch: 37679

Dil Fac

Analyzed

Matrix: Solid

Analysis Batch: 38059

Lab Sample ID: LCS 880-37679/1-A

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	
Toluene	0.100	0.1003		mg/Kg		100	70 - 130	
Ethylbenzene	0.100	0.09411		mg/Kg		94	70 - 130	
m-Xylene & p-Xylene	0.200	0.1929		mg/Kg		96	70 - 130	
o-Xylene	0.100	0.09547		mg/Kg		95	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	D0		13 - 7/3
7i4-Clfluorobenzene (Surr)	733		13 - 7/3

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 38059

Lab Sample ID: LCSD 880-37679/2-A

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08970		mg/Kg		90	70 - 130	27	35
Toluene	0.100	0.07103		mg/Kg		71	70 - 130	34	35
Ethylbenzene	0.100	0.05839	*- *1	mg/Kg		58	70 - 130	47	35
m-Xylene & p-Xylene	0.200	0.1096	*- *1	mg/Kg		55	70 - 130	55	35
o-Xylene	0.100	0.05638	*- *1	mg/Kg		56	70 - 130	51	35

LCSD LCSD

Surrogate	%Recovery Qualifie	r Limits
4-Bromofluorobenzene (Surr)	Dc	13 - 7/ 3
7i4-Clfluorobenzene (Surr)	737	13 - 7/3

Lab Sample ID: 880-20623-1 MS

Matrix: Solid Analysis Batch: 38059										e: Total/NA atch: 37679
_	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.000387	U F1	0.0998	0.07756		mg/Kg		78	70 - 130	
Toluene	<0.000458	U F2 F1	0.0998	0.05327	F1	mg/Kg		53	70 - 130	

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Client Sample ID: S-1

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Client Sample ID: S-1

Prep Type: Total/NA

QC Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

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

Lab Sample ID: 880-20623-1 MS

Client Sample ID: S-1 **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 38059** Prep Batch: 37679 Snike

	Sample	Sample	Spike	IVIS	IVIO				70Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.000567	U *- F1 *1	0.0998	0.01952	F1	mg/Kg		20	70 - 130	
m-Xylene & p-Xylene	<0.00101	U *- F1 *1	0.200	0.06620	F1	mg/Kg		33	70 - 130	
o-Xylene	<0.000345	U *- F1 *1	0.0998	0.03693	F1	mg/Kg		37	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	737		13 - 7/3
7i4-Clfluorobenzene (Surr)	733		13 - 7/3

Lab Sample ID: 880-20623-1 MSD

Matrix: Solid

Analysis Batch: 38059

Prep Batch: 37679 Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit Benzene 0.0996 <0.000383 U F1 0 70 - 130 NC 35 <0.000387 UF1 mg/Kg Toluene <0.000458 U F2 F1 0.0996 12 70 - 130 125 35 0.01226 F2 F1 mg/Kg Ethylbenzene <0.000567 U *- F1 *1 0.0996 <0.000563 UF1 mg/Kg 0 70 - 130 NC 35 m-Xylene & p-Xylene <0.00101 U *- F1 *1 0.199 <0.00101 UF1 mg/Kg 0 70 - 130 NC 35 <0.000345 U *- F1 *1 0.0996 0 70 - 130 NC o-Xylene <0.000343 UF1 mg/Kg

MSD MSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 13 - 7/3 1c 7i4-Clfluorobenzene (Surr) D3 13 - 7/3

Matrix: Solid

Analysis Batch: 38152

Lab Sample ID: MB 880-37680/5-A **Client Sample ID: Method Blank** Prep Type: Total/NA Prep Batch: 37680 MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		10/24/22 13:48	10/29/22 15:57	1
Toluene	< 0.000456	U	0.00200	0.000456	mg/Kg		10/24/22 13:48	10/29/22 15:57	1
Ethylbenzene	< 0.000565	U	0.00200	0.000565	mg/Kg		10/24/22 13:48	10/29/22 15:57	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		10/24/22 13:48	10/29/22 15:57	1
o-Xylene	< 0.000344	U	0.00200	0.000344	mg/Kg		10/24/22 13:48	10/29/22 15:57	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		10/24/22 13:48	10/29/22 15:57	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77D		13 - 7/3	732 42 : 7/,48 732 D2 : 70,01	7
7i4-Clfluorobenzene (Surr)	73:		13 - 7/3	732 42 : 7/,48	7

Lab Sample ID: LCS 880-37680/1-A

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Matrix: Solid Analysis Batch: 38152	Spike	LCS	LCS			•	Prep Type: Total/NA Prep Batch: 37680 %Rec
Analyte	Added		Qualifier	Unit	D	%Rec	Limits
Benzene	0.100	0.09976		mg/Kg		100	70 - 130
Toluene	0.100	0.1085		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.09661		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1976		mg/Kg		99	70 - 130

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Client Sample ID: Lab Control Sample

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Client: Talon/LPE Job ID: 880-20623-1 SDG: Lea Co., NM Project/Site: Lewis Unit #1

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

Lab Sample ID: LCS 880-37680/1-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 38152** Prep Batch: 37680 LCS LCS

Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits o-Xylene 0 100 0 1017 mg/Kg 102 70 - 130

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) D0 13 - 7/3 7i4-Clfluorobenzene (Surr) D1 13 - 7/3

Lab Sample ID: LCSD 880-37680/2-A Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 38152

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier %Rec Limits RPD Limit **Analyte** Unit Benzene 0.100 0.09809 mg/Kg 98 70 - 130 2 35 Toluene 0.100 0.1063 mg/Kg 106 70 - 130 2 35 Ethylbenzene 0.100 0.09591 mg/Kg 96 70 - 130 35 m-Xylene & p-Xylene 0.200 0.1965 98 70 - 130 35 mg/Kg 70 - 130 o-Xylene 0.100 0.1011 mg/Kg 101 35

LCSD LCSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) ח 13 - 7/3 7i4-Chiluorobenzene (Surr) D4 13 - 7/3

Lab Sample ID: 880-20623-21 MS Client Sample ID: S-21 Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 38152

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits **Analyte** Unit D %Rec 70 - 130 Benzene <0.000386 U 0.100 0.08147 mg/Kg 81 Toluene <0.000457 U 0.100 0.07606 mg/Kg 76 70 - 130 Ethylbenzene 0.00627 F1 0.100 0.06736 F1 mg/Kg 61 70 - 130 m-Xylene & p-Xylene 0.00465 F1 0.201 0.1266 F1 mg/Kg 61 70 - 130 o-Xylene 0.00565 0.100 0.08061 mg/Kg 75 70 - 130

MS MS Surrogate %Recovery Qualifier Limits 13 - 7/3 4-Bromofluorobenzene (Surr) 7:/ 7i4-Clfluorobenzene (Surr) D8 13 - 7/3

Lab Sample ID: 880-20623-21 MSD

Matrix: Solid

Analysis Batch: 38152									Prep E	Batch: 3	37680
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.000386	U	0.0998	0.07763		mg/Kg		78	70 - 130	5	35
Toluene	< 0.000457	U	0.0998	0.08078		mg/Kg		81	70 - 130	6	35
Ethylbenzene	0.00627	F1	0.0998	0.06469	F1	mg/Kg		59	70 - 130	4	35
m-Xylene & p-Xylene	0.00465	F1	0.200	0.1282	F1	mg/Kg		62	70 - 130	1	35
o-Xylene	0.00565		0.0998	0.07673		mg/Kg		71	70 - 130	5	35

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Prep Batch: 37680

Prep Batch: 37680

Client Sample ID: S-21

Prep Type: Total/NA

Client: Talon/LPE Job ID: 880-20623-1 SDG: Lea Co., NM Project/Site: Lewis Unit #1

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

Lab Sample ID: 880-20623-21 MSD

Matrix: Solid

Analysis Batch: 38152

Client Sample ID: S-21 Prep Type: Total/NA

Prep Batch: 37680

MSD MSD

%Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 738 13 - 7/3 7i4-Clfluorobenzene (Surr) 73: 13 - 7/3

Lab Sample ID: MB 880-37681/5-A

Matrix: Solid

Analysis Batch: 38164

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37681

MB MB

Analyte Result Qualifier MDL Unit Prepared Analyzed Dil Fac Benzene <0.000385 U 0.00200 0.000385 mg/Kg 10/24/22 13:52 10/29/22 18:06 Toluene <0.000456 U 0.00200 0.000456 mg/Kg 10/24/22 13:52 10/29/22 18:06 Ethylbenzene <0.000565 U 0.00200 0.000565 mg/Kg 10/24/22 13:52 10/29/22 18:06 m-Xylene & p-Xylene <0.00101 U 0.00400 0.00101 mg/Kg 10/24/22 13:52 10/29/22 18:06 o-Xylene <0.000344 U 0.00200 0.000344 mg/Kg 10/24/22 13:52 10/29/22 18:06 Xylenes, Total <0.00101 U 0.00400 0.00101 mg/Kg 10/24/22 13:52 10/29/22 18:06

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		13 - 7/3	732 42 : 7/,0:	732 D2: 78,3c	7
7i4-Clfluorobenzene (Surr)	8D	13 - 7/3	732 42 : 7/ ,0:	732 D2: 78,3c	7

Lab Sample ID: LCS 880-37681/1-A

Matrix: Solid

Analysis Batch: 38164

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

Prep Batch: 37681

-	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09052		mg/Kg		91	70 - 130	
Toluene	0.100	0.09542		mg/Kg		95	70 - 130	
Ethylbenzene	0.100	0.09499		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene	0.200	0.1809		mg/Kg		90	70 - 130	
o-Xylene	0.100	0.1023		mg/Kg		102	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)		13 - 7/3
7i4-Clfluorobenzene (Surr)	D0	13 - 7/3

Lab Sample ID: LCSD 880-37681/2-A

Released to Imaging: 9/12/2023 10:39:29 AM

Matrix: Solid

Analysis Batch: 38164

Client Sample ID: Lab Control Sample Dup

Prep Batch: 37681

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08818		mg/Kg		88	70 - 130	3	35
Toluene	0.100	0.09268		mg/Kg		93	70 - 130	3	35
Ethylbenzene	0.100	0.09140		mg/Kg		91	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1735		mg/Kg		87	70 - 130	4	35
o-Xylene	0.100	0.09819		mg/Kg		98	70 - 130	4	35

LCSD LCSD

Surrogate %Recovery Qualifier Limits 13 - 7/3 4-Bromofluorobenzene (Surr) 80

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Prep Type: Total/NA

Client: Talon/LPE Job ID: 880-20623-1 SDG: Lea Co., NM Project/Site: Lewis Unit #1

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

Lab Sample ID: LCSD 880-37681/2-A

Matrix: Solid

Analysis Batch: 38164

Client Sample ID: Lab Control Sample Dup

107

70 - 130

Prep Type: Total/NA

Client Sample ID: S-41

Prep Type: Total/NA

Prep Batch: 37681

LCSD LCSD

%Recovery Qualifier Limits Surrogate 13 - 7/3 7i4-Clfluorobenzene (Surr) Ω4

Lab Sample ID: 880-20623-41 MS

Matrix: Solid

o-Xylene

Analysis Batch: 38164

Prep Batch: 37681 Sample Sample Spike MS MS %Rec Result Qualifier Added Limits **Analyte** Result Qualifier Unit %Rec Benzene 0.000845 0.101 0.1007 mg/Kg 99 70 - 130 Toluene <0.000459 U 0.101 0.1043 mg/Kg 104 70 - 130 Ethylbenzene <0.000568 U 0.101 0.09907 mg/Kg 98 70 - 130m-Xylene & p-Xylene <0.00102 U 0.201 0.1850 70 - 130 mg/Kg 92

0.1075

mg/Kg

0.101

MS MS

<0.000346 U

Limits Surrogate %Recovery Qualifier 4-Bromofluorobenzene (Surr) D: 13 - 7/3 7i4-Clfluorobenzene (Surr) 13 - 7/3 D1

Lab Sample ID: 880-20623-41 MSD

Matrix: Solid

Analysis Batch: 38164

Client Sample ID: S-41 Prep Type: Total/NA

Prep Batch: 37681

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.000845	J	0.0990	0.08939		mg/Kg		89	70 - 130	12	35
Toluene	< 0.000459	U	0.0990	0.09293		mg/Kg		94	70 - 130	12	35
Ethylbenzene	<0.000568	U	0.0990	0.08780		mg/Kg		89	70 - 130	12	35
m-Xylene & p-Xylene	<0.00102	U	0.198	0.1599		mg/Kg		81	70 - 130	15	35
o-Xylene	<0.000346	U	0.0990	0.09239		mg/Kg		93	70 - 130	15	35

MSD MSD

Surrogate %Recovery Qualifier Limits 8/ 13 - 7/3 4-Bromofluorobenzene (Surr) 7i4-Clfluorobenzene (Surr) 8с 13 - 7/3

Lab Sample ID: MB 880-37682/5-A

Matrix: Solid

Analysis Batch: 38059

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

Prep Batch: 37682

-	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		10/24/22 13:56	10/29/22 08:59	1
Toluene	< 0.000456	U	0.00200	0.000456	mg/Kg		10/24/22 13:56	10/29/22 08:59	1
Ethylbenzene	< 0.000565	U	0.00200	0.000565	mg/Kg		10/24/22 13:56	10/29/22 08:59	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		10/24/22 13:56	10/29/22 08:59	1
o-Xylene	< 0.000344	U	0.00200	0.000344	mg/Kg		10/24/22 13:56	10/29/22 08:59	1
Xylenes, Total	< 0.00101	U	0.00400	0.00101	mg/Kg		10/24/22 13:56	10/29/22 08:59	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	11		13 - 7/3	732 42 : 7/ ,0c	732 D2: 38,0D	7
7i4-Clfluorobenzene (Surr)	D4		13 - 7/3	732 42 : 7/ ,0c	732 D2: 38,0D	7

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

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

Lab Sample ID: LCS 880-37682/1-A

Matrix: Solid

Analysis Batch: 38059

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 37682

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09234		mg/Kg		92	70 - 130	
Toluene	0.100	0.08061		mg/Kg		81	70 - 130	
Ethylbenzene	0.100	0.07721		mg/Kg		77	70 - 130	
m-Xylene & p-Xylene	0.200	0.1602		mg/Kg		80	70 - 130	
o-Xylene	0.100	0.08021		mg/Kg		80	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)			13 - 7/3
7i4-Clfluorobenzene (Surr)	D1		13 - 7/3

Lab Sample ID: LCSD 880-37682/2-A

Matrix: Solid

Analysis Batch: 38059

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37682

		Spike	LCSD	LCSD				%Rec		RPD
	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Benzene	0.100	0.1113		mg/Kg		111	70 - 130	19	35
١	Toluene	0.100	0.09598		mg/Kg		96	70 - 130	17	35
	Ethylbenzene	0.100	0.09076		mg/Kg		91	70 - 130	16	35
	m-Xylene & p-Xylene	0.200	0.1847		mg/Kg		92	70 - 130	14	35
	o-Xylene	0.100	0.09228		mg/Kg		92	70 - 130	14	35
	, , ,									

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	D1		13 - 7/3
7i4-Chiluorobenzene (Surr)	73:		13 - 7/3

Lab Sample ID: 880-20623-67 MS

Matrix: Solid

Analysis Batch: 38059

Client Sample ID: NSW-1

Prep Type: Total/NA

Prep Batch: 37682

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	<0.000383	U F1	0.0998	0.09101		mg/Kg		91	70 - 130	 	
Toluene	< 0.000454	U F1	0.0998	0.08040		mg/Kg		81	70 - 130		
Ethylbenzene	< 0.000563	U F1	0.0998	0.07442		mg/Kg		75	70 - 130		
m-Xylene & p-Xylene	<0.00101	U F1	0.200	0.1535		mg/Kg		77	70 - 130		
o-Xylene	< 0.000343	U F2 F1	0.0998	0.07722		mg/Kg		77	70 - 130		

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)		13 - 7/3
7i4-Chiluorobenzene (Surr)	D8	13 - 7/3

Lab Sample ID: 880-20623-67 MSD

Matrix: Solid

Analysis Batch: 38059

Client Sample ID: NSW-1 Prep Type: Total/NA

Prep Batch: 37682

,											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.000383	U F1	0.0990	<0.000381	U F1	mg/Kg	_	0	70 - 130	NC	35
Toluene	<0.000454	U F1	0.0990	<0.000451	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.000563	U F1	0.0990	<0.000559	U F1	mg/Kg		0	70 - 130	NC	35

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Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

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

Lab Sample ID: 880-20623-67 MSD **Client Sample ID: NSW-1 Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 38059** Prep Batch: 37682

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
m-Xylene & p-Xylene	<0.00101	U F1	0.198	<0.00100	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.000343	U F2 F1	0.0990	0.0003511	J F2 F1	mg/Kg		0.4	70 - 130	198	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	18		13 - 7/3
7i4-Chiluorobenzene (Surr)	D'		13 - 7/3

Lab Sample ID: MB 880-38022/5-A **Client Sample ID: Method Blank** Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 38059

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		10/27/22 13:44	10/28/22 10:55	1
Toluene	< 0.000456	U	0.00200	0.000456	mg/Kg		10/27/22 13:44	10/28/22 10:55	1
Ethylbenzene	< 0.000565	U	0.00200	0.000565	mg/Kg		10/27/22 13:44	10/28/22 10:55	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		10/27/22 13:44	10/28/22 10:55	1
o-Xylene	< 0.000344	U	0.00200	0.000344	mg/Kg		10/27/22 13:44	10/28/22 10:55	1
Xylenes, Total	< 0.00101	U	0.00400	0.00101	mg/Kg		10/27/22 13:44	10/28/22 10:55	1

	MB ME	В			
Surrogate	%Recovery Qu	ualifier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	1:	13 - 7/3	732 12 : 7/ ,44	732 82 : 73,00	7
7i4-Clfluorobenzene (Surr)	87	13 - 7/3	732 12 : 7/ ,44	732 82 : 73,00	7

M

Lab Sample ID: MB 880-38025/5-A						C	lient Samp	e ID: Method	Blank
Matrix: Solid							i i	Prep Type: To	tal/NA
Analysis Batch: 38039								Prep Batch:	38025
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		10/27/22 14:45	10/27/22 19:44	1
Toluene	< 0.000456	U	0.00200	0.000456	mg/Kg		10/27/22 14:45	10/27/22 19:44	1
Ethylbenzene	< 0.000565	U	0.00200	0.000565	mg/Kg		10/27/22 14:45	10/27/22 19:44	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		10/27/22 14:45	10/27/22 19:44	1
o-Xylene	< 0.000344	U	0.00200	0.000344	mg/Kg		10/27/22 14:45	10/27/22 19:44	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		10/27/22 14:45	10/27/22 19:44	1

	MB MB				
Surrogate	%Recovery Qualifi	ier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	cc S7-	13 - 7/ 3	732 12 : 74,40	732 12 : 7D,44	7
7i4-Clfluorobenzene (Surr)	Dc	13 - 7/3	732 12 : 74,40	732 12 : 7D,44	7

Lab Sample ID: LCS 880-38025/1-A

Analysis Batch: 38039	0.44	1.00	1.00				Prep Ba	e: Total/NA atch: 38025
Analyte	Spike Added		LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	0.100	0.08366		mg/Kg	_ =	84	70 - 130	
Toluene	0.100	0.07975		mg/Kg		80	70 - 130	
Ethylbenzene	0.100	0.08205		mg/Kg		82	70 - 130	
m-Xylene & p-Xylene	0.200	0.1658		mg/Kg		83	70 - 130	

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Client Sample ID: Lab Control Sample

Prep Batch: 38022

Client: Talon/LPE Job ID: 880-20623-1 SDG: Lea Co., NM Project/Site: Lewis Unit #1

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

Lab Sample ID: LCS 880-38025/1-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 38039** Prep Batch: 38025 LCS LCS Spike %Rec

Analyte Added Result Qualifier Unit %Rec Limits o-Xylene 0 100 0.08242 mg/Kg 82 70 - 130

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 733 13 - 7/3 7i4-Clfluorobenzene (Surr) 734 13 - 7/3

Lab Sample ID: LCSD 880-38025/2-A Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 38039

Prep Batch: 38025 Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Limits RPD Limit **Analyte** Unit %Rec Benzene 0.100 0.08174 mg/Kg 82 70 - 130 2 35 Toluene 0.100 0.07845 mg/Kg 78 70 - 130 2 35 Ethylbenzene 0.100 78 70 - 130 5 35 0.07823 mg/Kg m-Xylene & p-Xylene 0.200 79 70 - 130 35 0.1583 mg/Kg o-Xylene 0.100 0.07805 mg/Kg 78 70 - 130 35

LCSD LCSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) D4 13 - 7/3 7i4-Chiluorobenzene (Surr) DD 13 - 7/3

Lab Sample ID: 890-3252-A-44-H MS **Client Sample ID: Matrix Spike**

Matrix: Solid

Analysis Batch: 38039

Sample Sample Spike MS MS %Rec Added Result Qualifier Limits **Analyte** Result Qualifier Unit D %Rec 0.04703 F1 Benzene <0.000386 U F1 F2 0.0998 mg/Kg 47 70 - 130 0.0998 Toluene <0.000457 U F1 F2 0.04044 F1 mg/Kg 41 70 - 130 Ethylbenzene <0.000566 U F1 F2 0.0998 0.04029 F1 mg/Kg 40 70 - 130 m-Xylene & p-Xylene <0.00101 UF1F2 0.200 0.07925 F1 mg/Kg 40 70 - 130 o-Xylene <0.000345 U F1 F2 0.0998 0.04315 F1 mg/Kg 43 70 - 130

MS MS Surrogate %Recovery Qualifier Limits 13 - 7/3 4-Bromofluorobenzene (Surr) 17 7i4-Chiluorobenzene (Surr) D 13 - 7/3

Client Sample ID: Matrix Spike Duplicate Lab Sample ID: 890-3252-A-44-I MSD

Matrix: Solid

Analysis Batch: 38039									Prep E	Batch: 3	38025
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.000386	U F1 F2	0.0996	0.07226	F2	mg/Kg		73	70 - 130	42	35
Toluene	< 0.000457	U F1 F2	0.0996	0.06967	F2	mg/Kg		70	70 - 130	53	35
Ethylbenzene	<0.000566	U F1 F2	0.0996	0.06947	F2	mg/Kg		70	70 - 130	53	35
m-Xylene & p-Xylene	<0.00101	U F1 F2	0.199	0.1400	F2	mg/Kg		70	70 - 130	55	35
o-Xylene	< 0.000345	U F1 F2	0.0996	0.06893	F1 F2	mg/Kg		69	70 - 130	46	35

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Prep Type: Total/NA Prep Batch: 38025

Prep Type: Total/NA

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

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

Lab Sample ID: 890-3252-A-44-I MSD

Matrix: Solid

Analysis Batch: 38039

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 38025

MSD MSD %Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) D0 13 - 7/3 7i4-Clfluorobenzene (Surr) D: 13 - 7/3

Lab Sample ID: MB 880-38061/6-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 38058

	Prep Type: Total/NA
	Prep Batch: 38061
MD MD	

Analyte Result Qualifier MDL Unit Prepared Analyzed Dil Fac <0.000387 U Benzene 0.00201 0.000387 mg/Kg 10/28/22 09:04 10/28/22 11:36 Toluene <0.000458 U 0.00201 0.000458 mg/Kg 10/28/22 09:04 10/28/22 11:36 Ethylbenzene <0.000567 U 0.00201 0.000567 mg/Kg 10/28/22 09:04 10/28/22 11:36 m-Xylene & p-Xylene <0.00101 U 0.00402 0.00101 mg/Kg 10/28/22 09:04 10/28/22 11:36 o-Xylene <0.000345 U 0.00201 0.000345 mg/Kg 10/28/22 09:04 10/28/22 11:36 <0.00101 U 0.00101 mg/Kg Xylenes, Total 0.00402 10/28/22 09:04 10/28/22 11:36

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) c: S7-13 - 7/3 732 82: 3D.34 732 82: 77./c 7i4-Chiluorobenzene (Surr) 8D 13 - 7/3 732 82: 3D,34 732 82: 77,/c

Lab Sample ID: LCS 880-38061/1-A

Client Sample ID: Lab Control Sample **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 38058** Prep Batch: 38061

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.07369		mg/Kg		74	70 - 130	
Toluene	0.100	0.06319	*_	mg/Kg		63	70 - 130	
Ethylbenzene	0.100	0.07103		mg/Kg		71	70 - 130	
m-Xylene & p-Xylene	0.200	0.1424		mg/Kg		71	70 - 130	
o-Xylene	0.100	0.07141		mg/Kg		71	70 - 130	

LCS LCS %Recovery Qualifier Surrogate Limits 773 13 - 7/3 4-Bromofluorobenzene (Surr) 7i4-Clfluorobenzene (Surr) 73c 13 - 7/3

Lab Sample ID: LCSD 880-38061/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

o-Xylene

Analysis Batch: 38058							Prep Batch: 380		38061
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08194		mg/Kg		82	70 - 130	11	35
Toluene	0.100	0.07901		mg/Kg		79	70 - 130	22	35
Ethylbenzene	0.100	0.07690		mg/Kg		77	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1545		mg/Kg		77	70 - 130	8	35

0.07852

mg/Kg

0.100

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	738		13 - 7/3

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35

Prep Type: Total/NA

70 - 130

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

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

Lab Sample ID: LCSD 880-38061/2-A

Matrix: Solid

Analysis Batch: 38058

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

Prep Batch: 38061

LCSD LCSD

%Recovery Qualifier Surrogate Limits 7i4-Chiluorobenzene (Surr) 13 - 7/3 733

Lab Sample ID: 880-20623-84 MS Client Sample ID: WSW-2

Matrix: Solid

Analysis Batch: 38058

Prep Type: Total/NA

Prep Batch: 38061

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.000383	U	0.0998	0.07938		mg/Kg		80	70 - 130	
Toluene	< 0.000454	U *-	0.0998	0.07727		mg/Kg		77	70 - 130	
Ethylbenzene	< 0.000563	U	0.0998	0.07442		mg/Kg		75	70 - 130	
m-Xylene & p-Xylene	<0.00101	U	0.200	0.1483		mg/Kg		74	70 - 130	
o-Xylene	< 0.000343	U	0.0998	0.07325		mg/Kg		73	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	DD	13 - 7/3
7i4-Clfluorobenzene (Surr)	D'	13 - 7/3

Lab Sample ID: 880-20623-84 MSD Client Sample ID: WSW-2

Matrix: Solid

Analysis Batch: 38058

Prep Type: Total/NA Prep Batch: 38061

MSD MSD %Rec **RPD** Sample Sample Spike Analyte Result Qualifier Added Unit D %Rec Limits **RPD** Limit Result Qualifier Benzene <0.000383 U 0.0990 0.08035 81 70 - 130 35 mg/Kg Toluene 78 70 - 130 <0.000454 U *-0.0990 0.07748 mg/Kg n 35 Ethylbenzene <0.000563 U 0.0990 0.07532 mg/Kg 76 70 - 130 35 m-Xylene & p-Xylene <0.00101 U 0.198 76 70 - 130 35 0.1500 mg/Kg o-Xylene <0.000343 U 0.0990 0.07389 mg/Kg 75 70 - 130 35

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)		13 - 7/3
7i4-Clfluorobenzene (Surr)	D:	13 - 7/3

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

Lab Sample ID: MB 880-37503/1-A

Matrix: Solid

Analysis Batch: 37444

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

Prep Batch: 37503

	1410	1410							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		10/21/22 13:50	10/21/22 19:50	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		10/21/22 13:50	10/21/22 19:50	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/21/22 13:50	10/21/22 19:50	1

MB MB

MR MR

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
7-t aloroo91pne	778		13 - 7/3	732 72 : 7/,03	732 72 : 7D,03	7
o-5er6aen+l	7//	S7y	13 - 7/3	732 72 : 7/,03	732 72 : 7D,03	7

o-5er6aen+l

QC Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1

SDG: Lea Co., NM

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

Sample otal/NA: 37503
Ī

Lab Sample ID: LCSD 880-37503/3-A **Client Sample ID: Lab Control Sample Dup Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 37444** Prep Batch: 37503 LCSD LCSD Spike %Rec **RPD** Analyte Added Result Qualifier Limits RPD Limit Unit D %Rec Gasoline Range Organics 1000 1041 104 70 - 130 19 mg/Kg (GRO)-C6-C10 902.2 Diesel Range Organics (Over 1000 mg/Kg 90 70 - 130 15 20 C10-C28)

13 - 7/3

	LCSD L	_CSD	
Surrogate	%Recovery (Qualifier	Limits
7-t aloroo9Tpne	DD		13 - 7/3
o-5er6aen+l	773		13 - 7/3

733

Lab Sample ID: 890-3240-A-2-C MS **Client Sample ID: Matrix Spike Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 37444** Prep Batch: 37503

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Gasoline Range Organics <15.0 U 998 1086 109 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 20.9 J 998 781.6 mg/Kg 76 70 - 130 C10-C28)

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
7-t aloroo9Tpne	8:		13 - 7/3
o-5er6aen+l	84		13 - 7/3

Lab Sample ID: 890-3240-A-2-D MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 37444** Prep Batch: 37503 Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier D %Rec Limits RPD Limit Analyte Unit <15.0 U 998 Gasoline Range Organics 1014 mg/Kg 102 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 20.9 J 998 762.1 mg/Kg 74 70 - 130 20 C10-C28) MSD MSD

Surrogate %Recovery Qualifier Limits 7-t aloroo9Tone 13 - 7/3 1D

Prep Batch: 37503

Prep Type: Total/NA Prep Batch: 37619

Prep Batch: 37619

Prep Type: Total/NA

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

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

Lab Sample ID: 890-3240-A-2-D MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 37444

MSD MSD

%Recovery Qualifier Surrogate Limits 13 - 7/3 o-5er6aen+l 87

Lab Sample ID: MB 880-37619/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 37609

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 10:35	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 10:35	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 10:35	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
7-t aloroo9Tone	73/		13 - 7/3	732 42 : 3D,33	732 42 : 73,/0	7
o-5er6aen+l	778		13 - 7/3	732 42 : 3D,33	732 42 : 73,/0	7

Lab Sample ID: LCS 880-37619/2-A **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 37609

Spike LCS LCS %Rec Added Result Qualifier Limits **Analyte** Unit D %Rec Gasoline Range Organics 1000 926.0 mg/Kg 93 70 - 130 (GRO)-C6-C10 1000 Diesel Range Organics (Over 1128 mg/Kg 113 70 - 130

C10-C28)

LCS LCS Surrogate %Recovery Qualifier

Limits 7-t aloroo9\overline 13 - 7/3 7.4 7/0 S7y 13 - 7/3 o-5er6aen+l

Lab Sample ID: LCSD 880-37619/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 37609 Prep Batch: 37619 Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Limits RPD Limit **Analyte** Unit D %Rec 1000 1030 103 70 - 130 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1232 mg/Kg 123 70 - 130 9 20

C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
7-t aloroo9Ţone	7/7	S7y	13 - 7/ 3
o-5er6aen+l	741	S7y	13 - 7/3

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

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

Sample Sample

37.1 J

265

Result Qualifier

Lab Sample ID: 880-20623-1 MS

Matrix: Solid

Analysis Batch: 37609

Gasoline Range Organics

Diesel Range Organics (Over

Client Sample ID: S-1 Prep Type: Total/NA Prep Batch: 37619

MS MS %Rec Spike Added Result Qualifier D %Rec Limits Unit 998 1155 mg/Kg 112 70 - 130 998 1173 mg/Kg 91 70 - 130

C10-C28)

(GRO)-C6-C10

Analyte

MS MS Surrogate %Recovery Qualifier Limits 7-t aloroo9\overline 13 - 7/3 730 13 - 7/3 o-5er6aen+l 73:

Lab Sample ID: 880-20623-1 MSD

Matrix: Solid

C10-C28)

Analysis Batch: 37609									Prep E	Batch: 3	37619	
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	37.1	J	998	1176		mg/Kg		114	70 - 130	2	20	
(GRO)-C6-C10												
Diesel Range Organics (Over	265		998	1145		ma/Ka		88	70 - 130	2	20	

MSD MSD Surrogate %Recovery Qualifier Limits 7-t aloroo9Tone 734 13 - 7/3 o-5er6aen+l 733 13 - 7/3

Lab Sample ID: MB 880-37620/1-A	Client Sample ID: Method Blank
Matrix: Solid	Prep Type: Total/NA
Analysis Batch: 37605	Prep Batch: 37620
MB MB	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 10:40	1
Diesel Range Organics (Over C10-C28)	18.35	J	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 10:40	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 10:40	1

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 7-t aloroo9\overline 13 - 7/3 732 42 : 3D,3: 732 42 : 73,43 733 o-5er6aen+l 734 13 - 7/3 732 42: 3D,3: 732 42: 73,43

Lab Sample ID: LCS 880-37620/2-A

C10-C28)

Matrix: Solid							Prep Ty	pe: Total/NA
Analysis Batch: 37605							Prep E	37620 Satch: 37620
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	876.4		mg/Kg		88	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	930.9		mg/Kg		93	70 - 130	

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Client Sample ID: Lab Control Sample

Client Sample ID: S-1

Prep Type: Total/NA

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Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

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

Lab Sample ID: LCS 880-37620/2-A

Matrix: Solid

Analysis Batch: 37605

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37620

LCS LCS

%Recovery Qualifier Surrogate Limits 7-t aloroo9Tone D: 13 - 7/3 o-5er6aen+l 8с 13 - 7/3

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 880-37620/3-A **Matrix: Solid**

Analysis Batch: 37605

Prep Type: Total/NA

Prep Batch: 37620

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Gasoline Range Organics 1000 890.9 mg/Kg 89 70 - 130 2 20 (GRO)-C6-C10 1000 Diesel Range Organics (Over 956.2 mg/Kg 96 70 - 130 3 20

C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
7-t aloroo9Tpne	Dc		13 - 7/3
o-5er6aen+l	81		13 - 7/3

Lab Sample ID: 880-20623-23 MS Client Sample ID: S-23 **Matrix: Solid**

Analysis Batch: 37605

Prep Type: Total/NA

Prep Batch: 37620

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<14.9	U	998	893.4		mg/Kg		90	70 - 130	
Diesel Range Organics (Over	32.8	JB	998	1095		mg/Kg		106	70 - 130	

C10-C28)

MS MS

Surrogate	%Recovery Qualifier	Limits
7-t aloroo9Tpne		13 - 7/3
o-5er6aen+l	8/	13 - 7/3

Lab Sample ID: 880-20623-23 MSD Client Sample ID: S-23 **Matrix: Solid**

Analysis Batch: 37605

Prep Type: Total/NA Prep Batch: 37620

	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	<14.9	U	998	917.5		mg/Kg		92	70 - 130	3	20
Diesel Range Organics (Over	32.8	JB	998	1098		mg/Kg		107	70 - 130	0	20

C10-C28)

MSD MSD

Surrogate	%Recovery (Qualifier	Limits
7-t aloroo9†pne	D4		13 - 7/3
o-5er6aen+l	8/		13 - 7/3

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

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

Lab Sample ID: MB 880-37621/1-A

Lab Sample ID: LCS 880-37621/2-A

Matrix: Solid

Analysis Batch: 37607

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37621

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19.45	J	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 10:40	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 10:40	1
Oll Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 10:40	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
7-t aloroo91pne	D8		13 - 7/3	732 42 : 3D,30	732 42 : 73,43	7
o-5er6aen+l	77:		13 - 7/3	732 42 : 3D,30	732 42 : 73,43	7

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37621

Matrix: Solid Prep Type: Total/NA Prep Batch: 37621 **Analysis Batch: 37607** Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit Limits D %Rec 1000 806.1 81 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1131 mg/Kg 113 70 - 130 C10-C28)

LCS LCS

Lab Sample ID: LCSD 880-37621/3-A

Surrogate	%Recovery Qualifier	Limits
7-t aloroo9Tpne	7::	13 - 7/3
o-5er6aen+l	7/4 S7y	13 - 7/3

Client Sample ID: Lab Control Sample Dup

Analysis Batch: 37607

Matrix: Solid

•	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1113	*1	mg/Kg		111	70 - 130	32	20
Diesel Range Organics (Over C10-C28)	1000	1049		mg/Kg		105	70 - 130	8	20

LCSD LCSD

Surrogate	%Recovery Qualifie	r Limits
7-t aloroo9Tpne	77:	13 - 7/ 3
o-5er6aen+l	7: 7	13 - 7/3

Lab Sample ID: 880-20623-41 MS Client Sample ID: S-41

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 37607** Prep Batch: 37621

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	25.1	J B *1	998	983.2		mg/Kg		96	70 - 130	
Diesel Range Organics (Over C10-C28)	33.0	J	998	1088		mg/Kg		106	70 - 130	

Prep Batch: 37621

QC Sample Results

Client: Talon/LPE Job ID: 880-20623-1 SDG: Lea Co., NM Project/Site: Lewis Unit #1

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

Lab Sample ID: 880-20623-41 MS Client Sample ID: S-41 **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 37607

MS MS %Recovery Qualifier Limits Surrogate 7-t aloroo9Tone 8D 13 - 7/3 o-5er6aen+l 8/ 13 - 7/3

Client Sample ID: S-41 Lab Sample ID: 880-20623-41 MSD Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 37607									Prep E	atch: 3	37621
	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	25.1	J B *1	998	1184		mg/Kg		116	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	33.0	J	998	1063		mg/Kg		103	70 - 130	2	20

MSD MSD Surrogate %Recovery Qualifier Limits 7-t aloroo9\overline 81 13 - 7/3 o-5er6aen+l 8: 13 - 7/3

Lab Sample ID: MB 880-37641/1-A

Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 37605** Prep Batch: 37641 MB MB

Result Qualifier **MDL** Unit **Analyte** RL D Prepared Analyzed Dil Fac <15.0 U Gasoline Range Organics 50.0 15.0 mg/Kg 10/24/22 11:10 10/24/22 20:27 (GRO)-C6-C10 Diesel Range Organics (Over <15.0 U 50.0 15.0 mg/Kg 10/24/22 11:10 10/24/22 20:27 C10-C28) Oll Range Organics (Over C28-C36) <15.0 U 50.0 10/24/22 11:10 10/24/22 20:27 15.0 mg/Kg

	MB MB				
Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
7-t aloroo9Tpne	737	13 - 7/ 3	732 42 : 77,73	732 42 : : 3,: 1	7
o-5er6aen+l	730	13 - 7/ 3	732 42 : 77,73	732 42 : : 3,: 1	7

Lab Sample ID: LCS 880-37641/2-A

Matrix: Solid

Analysis Batch: 37605							Prep Ba	tch: 37641
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	846.2		mg/Kg		85	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	876.2		mg/Kg		88	70 - 130	
C10-C28)								

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
7-t aloroo9Tpne	730		13 - 7/3
o-5er6aen+l	88		13 - 7/3

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Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Lab Sample ID: LCSD 880-37641/3-A

QC Sample Results

Client: Talon/LPE Job ID: 880-20623-1 SDG: Lea Co., NM Project/Site: Lewis Unit #1

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 37641

-	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	811.3		mg/Kg		81	70 - 130	4	20
Diesel Range Organics (Over	1000	958.2		mg/Kg		96	70 - 130	9	20

C10-C28)

Matrix: Solid

Analysis Batch: 37605

LCSD LCSD Surrogate %Recovery Qualifier Limits 13 - 7/3 7-t aloroo9\overline 734 o-5er6aen+l 733 13 - 7/3

Client Sample ID: S-64 Lab Sample ID: 880-20623-64 MS

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 37605** Prep Batch: 37641

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier D %Rec Limits Analyte Unit Gasoline Range Organics 38.8 J 998 901.2 86 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 284 998 1195 mg/Kg 91 70 - 130 C10-C28)

MS MS Qualifier Surrogate %Recovery Limits 7-t aloroo9\overline 733 13 - 7/3 o-5er6aen+l D4 13 - 7/3

Lab Sample ID: 880-20623-64 MSD Client Sample ID: S-64 **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 37605 Prep Batch: 37641

Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 38.8 998 892.2 86 Gasoline Range Organics J 70 - 130 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 284 998 1066 78 70 - 130 11 20 mg/Kg C10-C28)

MSD MSD

Surrogate %Recovery Qualifier Limits 7-t aloroo9\overline 734 13 - 7/3 o-5er6aen+l 8: 13 - 7/3

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-37513/1-A **Client Sample ID: Method Blank Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37653

MB MB Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 5.00 10/24/22 16:26 Chloride <0.395 U 0.395 mg/Kg

Client: Talon/LPE Job ID: 880-20623-1 SDG: Lea Co., NM Project/Site: Lewis Unit #1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-37513/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37653

Spike LCS LCS %Rec Added Result Qualifier Limits Analyte Unit D %Rec 250 Chloride 252.2 mg/Kg 101 90 - 110

Lab Sample ID: LCSD 880-37513/3-A Client Sample ID: Lab Control Sample Dup Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 37653

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Unit D %Rec Limits RPD Limit Analyte 250 90 - 110 Chloride 254.8 mg/Kg 102

Lab Sample ID: 880-20623-1 MS Client Sample ID: S-1 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37653

Spike MS MS %Rec Sample Sample Result Qualifier Added Limits Analyte Result Qualifier Unit D %Rec Chloride 103 F1 248 90 - 110 326.1 mg/Kg

Lab Sample ID: 880-20623-1 MSD

Matrix: Solid

Analysis Batch: 37653

Spike MSD MSD **RPD** Sample Sample %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit 103 F1 316.5 F1 Chloride 248 mg/Kg 90 - 110

Lab Sample ID: MB 880-37561/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 37661

MR MR Analyte RL MDL Unit Result Qualifier **Prepared** Analyzed Dil Fac 0.395 mg/Kg Chloride <0.395 U 5.00 10/24/22 16:46

Lab Sample ID: LCS 880-37561/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 37661

Spike LCS LCS %Rec Added Analyte Result Qualifier %Rec Limits Unit 250 Chloride 256.5 mg/Kg 103 90 - 110

Lab Sample ID: LCSD 880-37561/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 37661

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Limits RPD Analyte Unit %Rec Limit 250 Chloride 257.5 mg/Kg 103 90 - 110

Lab Sample ID: 880-20623-7 MS Client Sample ID: S-7

Matrix: Solid

Analysis Batch: 37661

Spike MS MS %Rec Sample Sample Added Analyte Result Qualifier Result Qualifier Unit %Rec Limits Chloride 172 252 424.9 mg/Kg 101 90 - 110

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Prep Type: Soluble

Client Sample ID: S-1

Prep Type: Soluble

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-20623-7 MSD Client Sample ID: S-7 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37661

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Analyte D 252 Chloride 172 423.8 mg/Kg 100 90 - 110 0

Lab Sample ID: 880-20623-17 MS Client Sample ID: S-17 Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 37661

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Unit D %Rec Limits Analyte 306 F1 250 90 - 110 Chloride 526.1 F1 mg/Kg 88

Lab Sample ID: 880-20623-17 MSD Client Sample ID: S-17 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37661

Spike MSD MSD %Rec **RPD** Sample Sample Result Qualifier Added Limits **RPD** Analyte Result Qualifier Unit D %Rec Limit Chloride 306 F1 250 525.6 F1 88 90 - 110 mg/Kg

Lab Sample ID: MB 880-37562/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37662

MB MB Analyte Result Qualifier RL **MDL** Unit **Prepared** Analyzed Dil Fac <0.395 U 5.00 10/25/22 13:11 Chloride 0.395 mg/Kg

Lab Sample ID: LCS 880-37562/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 37662

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 256.0 mg/Kg 90 - 110 102

Lab Sample ID: LCSD 880-37562/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 37662

Spike LCSD LCSD %Rec **RPD** Added **RPD** Analyte Result Qualifier Unit %Rec Limits Limit D 250 Chloride 256.9 mg/Kg 103 90 - 110

Lab Sample ID: 880-20623-27 MS Client Sample ID: S-27 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 37662

Sample Sample Spike MS MS %Rec Added Result Qualifier Result Qualifier D Limits Analyte Unit %Rec 248 Chloride 440 670.3 mg/Kg 93 90 - 110

Lab Sample ID: 880-20623-27 MSD Client Sample ID: S-27 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 37662

Sample Sample Spike MSD MSD %Rec **RPD** Added **RPD** Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Limit Chloride 440 248 672.1 mg/Kg 93 90 - 110

Client Sample ID: S-37

Client Sample ID: S-37

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: S-47

Client Sample ID: S-47

Client Sample ID: S-57

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

QC Sample Results

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-20623-37 MS

Matrix: Solid

Analysis Batch: 37662

,	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	682	F1	252	883.1	F1	mg/Kg		80	90 - 110	

Lab Sample ID: 880-20623-37 MSD

Matrix: Solid

Analysis Batch: 37662

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	682	F1	252	882.3	F1	mg/Kg		80	90 - 110	0	20

Lab Sample ID: MB 880-37563/1-A

Matrix: Solid

Analysis Batch: 37789

	IVID	IAID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	5.00	0.395	mg/Kg			10/26/22 02:55	1

Lab Sample ID: LCS 880-37563/2-A

Matrix: Solid

Analysis Batch: 37789

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	261.2		mg/Kg		104	90 - 110	_

MR MR

Lab Sample ID: LCSD 880-37563/3-A

Matrix: Solid

Analysis Batch: 37789

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	 250	257.2		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 880-20623-47 MS

Matrix: Solid

Analysis Batch: 37789

, , , , , , , , , , , , , , , , , , , ,	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	843	F1	252	1066	F1	ma/Ka		89	90 - 110	

Lab Sample ID: 880-20623-47 MSD

Matrix: Solid

Analysis Batch: 37789

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	843	F1	252	1061	F1	mg/Kg		87	90 - 110	0	20

Lab Sample ID: 880-20623-57 MS

Released to Imaging: 9/12/2023 10:39:29 AM

Matrix: Solid

Analysis Batch: 37789										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	336		249	586.0		mg/Kg		101	90 - 110	

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-20623-57 MSD Client Sample ID: S-57 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 37789

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	336		249	582.4		mg/Kg		99	90 - 110	1	20

Lab Sample ID: MB 880-37564/1-A **Client Sample ID: Method Blank Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37799

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	5.00	0.395	mg/Kg			10/26/22 00:09	1

Lab Sample ID: LCS 880-37564/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37799

	Spike	LCS	LCS			%Rec
Analyte	Added	Result	Qualifier Un	it D	%Rec	Limits
Chloride	250	260.9	mg	/Kg	104	90 - 110

MR MR

Lab Sample ID: LCSD 880-37564/3-A **Client Sample ID: Lab Control Sample Dup Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37799

	Spik	e LCSD	LCSD			%Rec		RPD
Analyte	Adde	d Result	Qualifier	Unit D	%Rec	Limits	RPD	Limit
Chloride	25	0 256.6		mg/Kg	103	90 - 110	2	20

Lab Sample ID: 880-20623-67 MS **Client Sample ID: NSW-1 Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37799

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	27.3		248	284.6		ma/Ka	_	104	90 - 110	

Lab Sample ID: 880-20623-67 MSD Client Sample ID: NSW-1 **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 37799

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	27.3		248	279.5		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 880-20623-78 MS Client Sample ID: SSW-5 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 37799

	Sample Sam	nple Spike	MS	MS				%Rec
Analyte	Result Qua	alifier Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	96.1	249	334.0		mg/Kg		96	90 - 110

Lab Sample ID: 880-20623-78 MSD **Client Sample ID: SSW-5 Prep Type: Soluble**

Matrix: Solid

Released to Imaging: 9/12/2023 10:39:29 AM

Analysis Batch: 37799											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	96.1		249	329.9		mg/Kg		94	90 - 110	1	20

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

GC VOA

Prep Batch: 37679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-1	S-1	Total/NA	Solid	5035	
880-20623-2	S-2	Total/NA	Solid	5035	
880-20623-3	S-3	Total/NA	Solid	5035	
880-20623-4	S-4	Total/NA	Solid	5035	
880-20623-5	S-5	Total/NA	Solid	5035	
880-20623-6	S-6	Total/NA	Solid	5035	
880-20623-7	S-7	Total/NA	Solid	5035	
880-20623-8	S-8	Total/NA	Solid	5035	
880-20623-9	S-9	Total/NA	Solid	5035	
880-20623-10	S-10	Total/NA	Solid	5035	
880-20623-11	S-11	Total/NA	Solid	5035	
880-20623-12	S-12	Total/NA	Solid	5035	
880-20623-13	S-13	Total/NA	Solid	5035	
880-20623-14	S-14	Total/NA	Solid	5035	
880-20623-15	S-15	Total/NA	Solid	5035	
880-20623-16	S-16	Total/NA	Solid	5035	
880-20623-17	S-17	Total/NA	Solid	5035	
880-20623-18	S-18	Total/NA	Solid	5035	
880-20623-19	S-19	Total/NA	Solid	5035	
880-20623-20	S-20	Total/NA	Solid	5035	
MB 880-37679/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-37679/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-37679/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-20623-1 MS	S-1	Total/NA	Solid	5035	
880-20623-1 MSD	S-1	Total/NA	Solid	5035	

Prep Batch: 37680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-20623-21	S-21	Total/NA	Solid	5035	
880-20623-22	S-22	Total/NA	Solid	5035	
880-20623-23	S-23	Total/NA	Solid	5035	
880-20623-24	S-24	Total/NA	Solid	5035	
880-20623-25	S-25	Total/NA	Solid	5035	
880-20623-26	S-26	Total/NA	Solid	5035	
880-20623-27	S-27	Total/NA	Solid	5035	
880-20623-28	S-28	Total/NA	Solid	5035	
880-20623-29	S-29	Total/NA	Solid	5035	
880-20623-30	S-30	Total/NA	Solid	5035	
880-20623-31	S-31	Total/NA	Solid	5035	
880-20623-32	S-32	Total/NA	Solid	5035	
880-20623-33	S-33	Total/NA	Solid	5035	
880-20623-34	S-34	Total/NA	Solid	5035	
880-20623-35	S-35	Total/NA	Solid	5035	
880-20623-36	S-36	Total/NA	Solid	5035	
880-20623-37	S-37	Total/NA	Solid	5035	
880-20623-38	S-38	Total/NA	Solid	5035	
880-20623-39	S-39	Total/NA	Solid	5035	
880-20623-40	S-40	Total/NA	Solid	5035	
MB 880-37680/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-37680/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-37680/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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Job ID: 880-20623-1 Client: Talon/LPE Project/Site: Lewis Unit #1 SDG: Lea Co., NM

GC VOA (Continued)

Prep Batch: 37680 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-21 MS	S-21	Total/NA	Solid	5035	
880-20623-21 MSD	S-21	Total/NA	Solid	5035	

Prep Batch: 37681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-20623-41	S-41	Total/NA	Solid	5035	
880-20623-42	S-42	Total/NA	Solid	5035	
880-20623-43	S-43	Total/NA	Solid	5035	
880-20623-44	S-44	Total/NA	Solid	5035	
880-20623-45	S-45	Total/NA	Solid	5035	
880-20623-46	S-46	Total/NA	Solid	5035	
880-20623-47	S-47	Total/NA	Solid	5035	
880-20623-48	S-48	Total/NA	Solid	5035	
880-20623-49	S-49	Total/NA	Solid	5035	
880-20623-50	S-50	Total/NA	Solid	5035	
880-20623-51	S-51	Total/NA	Solid	5035	
880-20623-52	S-52	Total/NA	Solid	5035	
880-20623-53	S-53	Total/NA	Solid	5035	
880-20623-54	S-54	Total/NA	Solid	5035	
880-20623-55	S-55	Total/NA	Solid	5035	
880-20623-56	S-56	Total/NA	Solid	5035	
880-20623-57	S-57	Total/NA	Solid	5035	
880-20623-58	S-58	Total/NA	Solid	5035	
880-20623-59	S-59	Total/NA	Solid	5035	
880-20623-60	S-60	Total/NA	Solid	5035	
MB 880-37681/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-37681/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-37681/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-20623-41 MS	S-41	Total/NA	Solid	5035	
880-20623-41 MSD	S-41	Total/NA	Solid	5035	

Prep Batch: 37682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-20623-61	S-61	Total/NA	Solid	5035	
880-20623-62	S-62	Total/NA	Solid	5035	
880-20623-63	S-63	Total/NA	Solid	5035	
880-20623-64	S-64	Total/NA	Solid	5035	
880-20623-65	S-65	Total/NA	Solid	5035	
880-20623-66	S-66	Total/NA	Solid	5035	
880-20623-67	NSW-1	Total/NA	Solid	5035	
880-20623-68	NSW-2	Total/NA	Solid	5035	
880-20623-69	NSW-3	Total/NA	Solid	5035	
880-20623-70	NSW-4	Total/NA	Solid	5035	
880-20623-71	NSW-5	Total/NA	Solid	5035	
880-20623-72	NSW-6	Total/NA	Solid	5035	
380-20623-73	ESW-1	Total/NA	Solid	5035	
880-20623-74	SSW-1	Total/NA	Solid	5035	
880-20623-75	SSW-2	Total/NA	Solid	5035	
380-20623-76	SSW-3	Total/NA	Solid	5035	
380-20623-78	SSW-5	Total/NA	Solid	5035	
880-20623-79	SSW-6	Total/NA	Solid	5035	

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

GC VOA (Continued)

Prep Batch: 37682 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-80	SSW-6A	Total/NA	Solid	5035	
880-20623-81	SSW-7	Total/NA	Solid	5035	
MB 880-37682/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-37682/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-37682/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-20623-67 MS	NSW-1	Total/NA	Solid	5035	
880-20623-67 MSD	NSW-1	Total/NA	Solid	5035	

Prep Batch: 38022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-38022/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 38025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-82	SSW-8	Total/NA	Solid	5035	
880-20623-83	WSW-1	Total/NA	Solid	5035	
880-20623-85	NSW-7	Total/NA	Solid	5035	
880-20623-86	NSW-8	Total/NA	Solid	5035	
MB 880-38025/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-38025/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38025/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3252-A-44-H MS	Matrix Spike	Total/NA	Solid	5035	
890-3252-A-44-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 38039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-82	SSW-8	Total/NA	Solid	8021B	38025
880-20623-83	WSW-1	Total/NA	Solid	8021B	38025
880-20623-85	NSW-7	Total/NA	Solid	8021B	38025
880-20623-86	NSW-8	Total/NA	Solid	8021B	38025
MB 880-38025/5-A	Method Blank	Total/NA	Solid	8021B	38025
LCS 880-38025/1-A	Lab Control Sample	Total/NA	Solid	8021B	38025
LCSD 880-38025/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38025
890-3252-A-44-H MS	Matrix Spike	Total/NA	Solid	8021B	38025
890-3252-A-44-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	38025

Analysis Batch: 38058

Lab Sample ID 880-20623-84	Client Sample ID WSW-2	Prep Type Total/NA	Matrix Solid	Method 8021B	Prep Batch 38061
MB 880-38061/6-A	Method Blank	Total/NA	Solid	8021B	38061
LCS 880-38061/1-A	Lab Control Sample	Total/NA	Solid	8021B	38061
LCSD 880-38061/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38061
880-20623-84 MS	WSW-2	Total/NA	Solid	8021B	38061
880-20623-84 MSD	WSW-2	Total/NA	Solid	8021B	38061

Analysis Batch: 38059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-1	S-1	Total/NA	Solid	8021B	37679
880-20623-2	S-2	Total/NA	Solid	8021B	37679
880-20623-3	S-3	Total/NA	Solid	8021B	37679
880-20623-4	S-4	Total/NA	Solid	8021B	37679

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Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

GC VOA (Continued)

Analysis Batch: 38059 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Bate
80-20623-5	S-5	Total/NA	Solid	8021B	3767
380-20623-6	S-6	Total/NA	Solid	8021B	3767
380-20623-7	S-7	Total/NA	Solid	8021B	3767
380-20623-8	S-8	Total/NA	Solid	8021B	3767
380-20623-9	S-9	Total/NA	Solid	8021B	3767
380-20623-10	S-10	Total/NA	Solid	8021B	3767
380-20623-11	S-11	Total/NA	Solid	8021B	3767
380-20623-12	S-12	Total/NA	Solid	8021B	3767
380-20623-13	S-13	Total/NA	Solid	8021B	3767
380-20623-14	S-14	Total/NA	Solid	8021B	3767
380-20623-15	S-15	Total/NA	Solid	8021B	3767
380-20623-16	S-16	Total/NA	Solid	8021B	3767
380-20623-17	S-17	Total/NA	Solid	8021B	3767
380-20623-18	S-18	Total/NA	Solid	8021B	3767
380-20623-19	S-19	Total/NA	Solid	8021B	3767
380-20623-20	S-20	Total/NA	Solid	8021B	3767
380-20623-61	S-61	Total/NA	Solid	8021B	3768
380-20623-62	S-62	Total/NA	Solid	8021B	376
880-20623-63	S-63	Total/NA	Solid	8021B	376
80-20623-64	S-64	Total/NA	Solid	8021B	376
80-20623-65	S-65	Total/NA	Solid	8021B	376
80-20623-66	S-66	Total/NA	Solid	8021B	376
80-20623-67	NSW-1	Total/NA	Solid	8021B	376
80-20623-68	NSW-2	Total/NA	Solid	8021B	376
80-20623-69	NSW-3	Total/NA	Solid	8021B	376
80-20623-70	NSW-4	Total/NA	Solid	8021B	376
80-20623-71	NSW-5	Total/NA	Solid	8021B	376
80-20623-72	NSW-6	Total/NA	Solid	8021B	376
80-20623-73	ESW-1	Total/NA	Solid	8021B	376
80-20623-74	SSW-1	Total/NA	Solid	8021B	376
80-20623-75	SSW-2	Total/NA	Solid	8021B	376
80-20623-76	SSW-3	Total/NA	Solid	8021B	376
80-20623-78	SSW-5	Total/NA	Solid	8021B	376
80-20623-79	SSW-6	Total/NA	Solid	8021B	376
80-20623-80	SSW-6A	Total/NA	Solid	8021B	376
80-20623-81	SSW-7	Total/NA	Solid	8021B	376
IB 880-37679/5-A	Method Blank	Total/NA	Solid	8021B	376
1B 880-37682/5-A	Method Blank	Total/NA	Solid	8021B	376
IB 880-38022/5-A	Method Blank	Total/NA	Solid	8021B	380
CS 880-37679/1-A	Lab Control Sample	Total/NA	Solid	8021B	376
	Lab Control Sample				
CS 880-37682/1-A		Total/NA	Solid	8021B	376
CSD 880-37679/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	376
CSD 880-37682/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	376
80-20623-1 MS	S-1	Total/NA	Solid	8021B	376
80-20623-1 MSD	S-1	Total/NA	Solid	8021B	376
80-20623-67 MS	NSW-1	Total/NA	Solid	8021B	376
380-20623-67 MSD	NSW-1	Total/NA	Solid	8021B	376

Prep Batch: 38061

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-84	WSW-2	Total/NA	Solid	5035	

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

GC VOA (Continued)

Prep Batch: 38061 (Continued)

Lab Sample ID MB 880-38061/6-A	Client Sample ID Method Blank	Prep Type Total/NA	Matrix Solid	Method 5035	Prep Batch
LCS 880-38061/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38061/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-20623-84 MS	WSW-2	Total/NA	Solid	5035	
880-20623-84 MSD	WSW-2	Total/NA	Solid	5035	

Analysis Batch: 38090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-20623-1	S-1	Total/NA	Solid	Total BTEX	
880-20623-2	S-2	Total/NA	Solid	Total BTEX	
880-20623-3	S-3	Total/NA	Solid	Total BTEX	
880-20623-4	S-4	Total/NA	Solid	Total BTEX	
880-20623-5	S-5	Total/NA	Solid	Total BTEX	
880-20623-6	S-6	Total/NA	Solid	Total BTEX	
880-20623-7	S-7	Total/NA	Solid	Total BTEX	
880-20623-8	S-8	Total/NA	Solid	Total BTEX	
880-20623-9	S-9	Total/NA	Solid	Total BTEX	
880-20623-10	S-10	Total/NA	Solid	Total BTEX	
880-20623-11	S-11	Total/NA	Solid	Total BTEX	
880-20623-12	S-12	Total/NA	Solid	Total BTEX	
880-20623-13	S-13	Total/NA	Solid	Total BTEX	
880-20623-14	S-14	Total/NA	Solid	Total BTEX	
880-20623-15	S-15	Total/NA	Solid	Total BTEX	
880-20623-16	S-16	Total/NA	Solid	Total BTEX	
880-20623-17	S-17	Total/NA	Solid	Total BTEX	
880-20623-18	S-18	Total/NA	Solid	Total BTEX	
880-20623-19	S-19	Total/NA	Solid	Total BTEX	
880-20623-20	S-20	Total/NA	Solid	Total BTEX	
880-20623-21	S-21	Total/NA	Solid	Total BTEX	
880-20623-22	S-22	Total/NA	Solid	Total BTEX	
880-20623-23	S-23	Total/NA	Solid	Total BTEX	
880-20623-24	S-24	Total/NA	Solid	Total BTEX	
880-20623-25	S-25	Total/NA	Solid	Total BTEX	
880-20623-26	S-26	Total/NA	Solid	Total BTEX	
880-20623-27	S-27	Total/NA	Solid	Total BTEX	
880-20623-28	S-28	Total/NA	Solid	Total BTEX	
880-20623-29	S-29	Total/NA	Solid	Total BTEX	
880-20623-30	S-30	Total/NA	Solid	Total BTEX	
880-20623-31	S-31	Total/NA	Solid	Total BTEX	
880-20623-32	S-32	Total/NA	Solid	Total BTEX	
880-20623-33	S-33	Total/NA	Solid	Total BTEX	
880-20623-34	S-34	Total/NA	Solid	Total BTEX	
880-20623-35	S-35	Total/NA	Solid	Total BTEX	
880-20623-36	S-36	Total/NA	Solid	Total BTEX	
880-20623-37	S-37	Total/NA	Solid	Total BTEX	
880-20623-38	S-38	Total/NA	Solid	Total BTEX	
880-20623-39	S-39	Total/NA	Solid	Total BTEX	
880-20623-40	S-40	Total/NA	Solid	Total BTEX	
880-20623-41	S-40	Total/NA	Solid	Total BTEX	
880-20623-42	S-42	Total/NA	Solid	Total BTEX	
880-20623-43	S-43	Total/NA	Solid	Total BTEX	

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Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

GC VOA (Continued)

Analysis Batch: 38090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-20623-44	S-44	Total/NA	Solid	Total BTEX	
880-20623-45	S-45	Total/NA	Solid	Total BTEX	
880-20623-46	S-46	Total/NA	Solid	Total BTEX	
880-20623-47	S-47	Total/NA	Solid	Total BTEX	
880-20623-48	S-48	Total/NA	Solid	Total BTEX	
880-20623-49	S-49	Total/NA	Solid	Total BTEX	
880-20623-50	S-50	Total/NA	Solid	Total BTEX	
880-20623-51	S-51	Total/NA	Solid	Total BTEX	
880-20623-52	S-52	Total/NA	Solid	Total BTEX	
880-20623-53	S-53	Total/NA	Solid	Total BTEX	
880-20623-54	S-54	Total/NA	Solid	Total BTEX	
880-20623-55	S-55	Total/NA	Solid	Total BTEX	
880-20623-56	S-56	Total/NA	Solid	Total BTEX	
880-20623-57	S-57	Total/NA	Solid	Total BTEX	
880-20623-58	S-58	Total/NA	Solid	Total BTEX	
880-20623-59	S-59	Total/NA	Solid	Total BTEX	
880-20623-60	S-60	Total/NA	Solid	Total BTEX	
880-20623-61	S-61	Total/NA	Solid	Total BTEX	
880-20623-62	S-62	Total/NA	Solid	Total BTEX	
880-20623-63	S-63	Total/NA	Solid	Total BTEX	
880-20623-64	S-64	Total/NA	Solid	Total BTEX	
880-20623-65	S-65	Total/NA	Solid	Total BTEX	
880-20623-66	S-66	Total/NA	Solid	Total BTEX	
880-20623-67	NSW-1	Total/NA	Solid	Total BTEX	
880-20623-68	NSW-2	Total/NA	Solid	Total BTEX	
880-20623-69	NSW-3	Total/NA	Solid	Total BTEX	
880-20623-70	NSW-4	Total/NA	Solid	Total BTEX	
880-20623-71	NSW-5	Total/NA	Solid	Total BTEX	
880-20623-72	NSW-6	Total/NA	Solid	Total BTEX	
880-20623-73	ESW-1	Total/NA	Solid	Total BTEX	
880-20623-74	SSW-1	Total/NA	Solid	Total BTEX	
880-20623-75	SSW-2	Total/NA	Solid	Total BTEX	
880-20623-76	SSW-3	Total/NA	Solid	Total BTEX	
880-20623-78	SSW-5	Total/NA	Solid	Total BTEX	
880-20623-79	SSW-6	Total/NA	Solid	Total BTEX	
880-20623-80	SSW-6A	Total/NA	Solid	Total BTEX	
880-20623-81	SSW-7	Total/NA	Solid	Total BTEX	
880-20623-82	SSW-8	Total/NA	Solid	Total BTEX	
880-20623-83	WSW-1	Total/NA	Solid	Total BTEX	
880-20623-84	WSW-2	Total/NA	Solid	Total BTEX	
880-20623-85	NSW-7	Total/NA	Solid	Total BTEX	
880-20623-86	NSW-8	Total/NA	Solid	Total BTEX	

Analysis Batch: 38152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-21	S-21	Total/NA	Solid	8021B	37680
880-20623-22	S-22	Total/NA	Solid	8021B	37680
880-20623-23	S-23	Total/NA	Solid	8021B	37680
880-20623-24	S-24	Total/NA	Solid	8021B	37680
880-20623-25	S-25	Total/NA	Solid	8021B	37680
880-20623-26	S-26	Total/NA	Solid	8021B	37680

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Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

GC VOA (Continued)

Analysis Batch: 38152 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-27	S-27	Total/NA	Solid	8021B	37680
880-20623-28	S-28	Total/NA	Solid	8021B	37680
880-20623-29	S-29	Total/NA	Solid	8021B	37680
880-20623-30	S-30	Total/NA	Solid	8021B	37680
880-20623-31	S-31	Total/NA	Solid	8021B	37680
880-20623-32	S-32	Total/NA	Solid	8021B	37680
880-20623-33	S-33	Total/NA	Solid	8021B	37680
880-20623-34	S-34	Total/NA	Solid	8021B	37680
880-20623-35	S-35	Total/NA	Solid	8021B	37680
880-20623-36	S-36	Total/NA	Solid	8021B	37680
880-20623-37	S-37	Total/NA	Solid	8021B	37680
880-20623-38	S-38	Total/NA	Solid	8021B	37680
880-20623-39	S-39	Total/NA	Solid	8021B	37680
880-20623-40	S-40	Total/NA	Solid	8021B	37680
MB 880-37680/5-A	Method Blank	Total/NA	Solid	8021B	37680
LCS 880-37680/1-A	Lab Control Sample	Total/NA	Solid	8021B	37680
LCSD 880-37680/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	37680
880-20623-21 MS	S-21	Total/NA	Solid	8021B	37680
880-20623-21 MSD	S-21	Total/NA	Solid	8021B	37680

Analysis Batch: 38164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-41	S-41	Total/NA	Solid	8021B	37681
880-20623-42	S-42	Total/NA	Solid	8021B	37681
880-20623-43	S-43	Total/NA	Solid	8021B	37681
880-20623-44	S-44	Total/NA	Solid	8021B	37681
880-20623-45	S-45	Total/NA	Solid	8021B	37681
880-20623-46	S-46	Total/NA	Solid	8021B	37681
880-20623-47	S-47	Total/NA	Solid	8021B	37681
880-20623-48	S-48	Total/NA	Solid	8021B	37681
880-20623-49	S-49	Total/NA	Solid	8021B	37681
880-20623-50	S-50	Total/NA	Solid	8021B	37681
880-20623-51	S-51	Total/NA	Solid	8021B	37681
880-20623-52	S-52	Total/NA	Solid	8021B	37681
880-20623-53	S-53	Total/NA	Solid	8021B	37681
880-20623-54	S-54	Total/NA	Solid	8021B	37681
880-20623-55	S-55	Total/NA	Solid	8021B	37681
880-20623-56	S-56	Total/NA	Solid	8021B	37681
880-20623-57	S-57	Total/NA	Solid	8021B	37681
880-20623-58	S-58	Total/NA	Solid	8021B	37681
880-20623-59	S-59	Total/NA	Solid	8021B	37681
880-20623-60	S-60	Total/NA	Solid	8021B	37681
MB 880-37681/5-A	Method Blank	Total/NA	Solid	8021B	37681
LCS 880-37681/1-A	Lab Control Sample	Total/NA	Solid	8021B	37681
LCSD 880-37681/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	37681
880-20623-41 MS	S-41	Total/NA	Solid	8021B	37681
880-20623-41 MSD	S-41	Total/NA	Solid	8021B	37681

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Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

GC Semi VOA

Analysis Batch: 37444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-79	SSW-6	Total/NA	Solid	8015B NM	37503
880-20623-80	SSW-6A	Total/NA	Solid	8015B NM	37503
880-20623-81	SSW-7	Total/NA	Solid	8015B NM	37503
880-20623-82	SSW-8	Total/NA	Solid	8015B NM	37503
880-20623-83	WSW-1	Total/NA	Solid	8015B NM	37503
880-20623-84	WSW-2	Total/NA	Solid	8015B NM	37503
880-20623-85	NSW-7	Total/NA	Solid	8015B NM	37503
880-20623-86	NSW-8	Total/NA	Solid	8015B NM	37503
MB 880-37503/1-A	Method Blank	Total/NA	Solid	8015B NM	37503
LCS 880-37503/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	37503
LCSD 880-37503/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	37503
890-3240-A-2-C MS	Matrix Spike	Total/NA	Solid	8015B NM	37503
890-3240-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	37503

Prep Batch: 37503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-79	SSW-6	Total/NA	Solid	8015NM Prep	•
880-20623-80	SSW-6A	Total/NA	Solid	8015NM Prep	
880-20623-81	SSW-7	Total/NA	Solid	8015NM Prep	
880-20623-82	SSW-8	Total/NA	Solid	8015NM Prep	
880-20623-83	WSW-1	Total/NA	Solid	8015NM Prep	
880-20623-84	WSW-2	Total/NA	Solid	8015NM Prep	
880-20623-85	NSW-7	Total/NA	Solid	8015NM Prep	
880-20623-86	NSW-8	Total/NA	Solid	8015NM Prep	
MB 880-37503/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-37503/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-37503/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3240-A-2-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-3240-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 37605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-21	S-21	Total/NA	Solid	8015B NM	37620
880-20623-22	S-22	Total/NA	Solid	8015B NM	37620
880-20623-23	S-23	Total/NA	Solid	8015B NM	37620
880-20623-24	S-24	Total/NA	Solid	8015B NM	37620
880-20623-25	S-25	Total/NA	Solid	8015B NM	37620
880-20623-26	S-26	Total/NA	Solid	8015B NM	37620
880-20623-27	S-27	Total/NA	Solid	8015B NM	37620
880-20623-28	S-28	Total/NA	Solid	8015B NM	37620
880-20623-29	S-29	Total/NA	Solid	8015B NM	37620
880-20623-30	S-30	Total/NA	Solid	8015B NM	37620
880-20623-31	S-31	Total/NA	Solid	8015B NM	37620
880-20623-32	S-32	Total/NA	Solid	8015B NM	37620
880-20623-33	S-33	Total/NA	Solid	8015B NM	37620
880-20623-34	S-34	Total/NA	Solid	8015B NM	37620
880-20623-35	S-35	Total/NA	Solid	8015B NM	37620
880-20623-36	S-36	Total/NA	Solid	8015B NM	37620
880-20623-37	S-37	Total/NA	Solid	8015B NM	37620
880-20623-38	S-38	Total/NA	Solid	8015B NM	37620
880-20623-39	S-39	Total/NA	Solid	8015B NM	37620

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Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

GC Semi VOA (Continued)

Analysis Batch: 37605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-40	S-40	Total/NA	Solid	8015B NM	37620
880-20623-61	S-61	Total/NA	Solid	8015B NM	37641
880-20623-62	S-62	Total/NA	Solid	8015B NM	37641
880-20623-63	S-63	Total/NA	Solid	8015B NM	37641
880-20623-64	S-64	Total/NA	Solid	8015B NM	37641
880-20623-65	S-65	Total/NA	Solid	8015B NM	37641
880-20623-66	S-66	Total/NA	Solid	8015B NM	37641
880-20623-67	NSW-1	Total/NA	Solid	8015B NM	37641
880-20623-68	NSW-2	Total/NA	Solid	8015B NM	37641
880-20623-69	NSW-3	Total/NA	Solid	8015B NM	37641
880-20623-70	NSW-4	Total/NA	Solid	8015B NM	37641
880-20623-71	NSW-5	Total/NA	Solid	8015B NM	37641
880-20623-72	NSW-6	Total/NA	Solid	8015B NM	37641
880-20623-73	ESW-1	Total/NA	Solid	8015B NM	37641
880-20623-74	SSW-1	Total/NA	Solid	8015B NM	37641
880-20623-75	SSW-2	Total/NA	Solid	8015B NM	37641
880-20623-76	SSW-3	Total/NA	Solid	8015B NM	37641
880-20623-78	SSW-5	Total/NA	Solid	8015B NM	37641
MB 880-37620/1-A	Method Blank	Total/NA	Solid	8015B NM	37620
MB 880-37641/1-A	Method Blank	Total/NA	Solid	8015B NM	37641
LCS 880-37620/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	37620
LCS 880-37641/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	37641
LCSD 880-37620/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	37620
LCSD 880-37641/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	37641
880-20623-23 MS	S-23	Total/NA	Solid	8015B NM	37620
880-20623-23 MSD	S-23	Total/NA	Solid	8015B NM	37620
880-20623-64 MS	S-64	Total/NA	Solid	8015B NM	37641
880-20623-64 MSD	S-64	Total/NA	Solid	8015B NM	37641

Analysis Batch: 37607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-41	S-41	Total/NA	Solid	8015B NM	37621
880-20623-42	S-42	Total/NA	Solid	8015B NM	37621
880-20623-43	S-43	Total/NA	Solid	8015B NM	37621
880-20623-44	S-44	Total/NA	Solid	8015B NM	37621
880-20623-45	S-45	Total/NA	Solid	8015B NM	37621
880-20623-46	S-46	Total/NA	Solid	8015B NM	37621
880-20623-47	S-47	Total/NA	Solid	8015B NM	37621
880-20623-48	S-48	Total/NA	Solid	8015B NM	37621
880-20623-49	S-49	Total/NA	Solid	8015B NM	37621
880-20623-50	S-50	Total/NA	Solid	8015B NM	37621
880-20623-51	S-51	Total/NA	Solid	8015B NM	37621
880-20623-52	S-52	Total/NA	Solid	8015B NM	37621
880-20623-53	S-53	Total/NA	Solid	8015B NM	37621
880-20623-54	S-54	Total/NA	Solid	8015B NM	37621
880-20623-55	S-55	Total/NA	Solid	8015B NM	37621
880-20623-56	S-56	Total/NA	Solid	8015B NM	37621
880-20623-57	S-57	Total/NA	Solid	8015B NM	37621
880-20623-58	S-58	Total/NA	Solid	8015B NM	37621
880-20623-59	S-59	Total/NA	Solid	8015B NM	37621
880-20623-60	S-60	Total/NA	Solid	8015B NM	37621

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Job ID: 880-20623-1 Client: Talon/LPE Project/Site: Lewis Unit #1 SDG: Lea Co., NM

GC Semi VOA (Continued)

Analysis Batch: 37607 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-37621/1-A	Method Blank	Total/NA	Solid	8015B NM	37621
LCS 880-37621/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	37621
LCSD 880-37621/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	37621
880-20623-41 MS	S-41	Total/NA	Solid	8015B NM	37621
880-20623-41 MSD	S-41	Total/NA	Solid	8015B NM	37621

Analysis Batch: 37609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-1	S-1	Total/NA	Solid	8015B NM	37619
880-20623-2	S-2	Total/NA	Solid	8015B NM	37619
880-20623-3	S-3	Total/NA	Solid	8015B NM	37619
880-20623-4	S-4	Total/NA	Solid	8015B NM	37619
880-20623-5	S-5	Total/NA	Solid	8015B NM	37619
880-20623-6	S-6	Total/NA	Solid	8015B NM	37619
880-20623-7	S-7	Total/NA	Solid	8015B NM	37619
880-20623-8	S-8	Total/NA	Solid	8015B NM	37619
880-20623-9	S-9	Total/NA	Solid	8015B NM	37619
880-20623-10	S-10	Total/NA	Solid	8015B NM	37619
880-20623-11	S-11	Total/NA	Solid	8015B NM	37619
880-20623-12	S-12	Total/NA	Solid	8015B NM	37619
880-20623-13	S-13	Total/NA	Solid	8015B NM	37619
880-20623-14	S-14	Total/NA	Solid	8015B NM	37619
880-20623-15	S-15	Total/NA	Solid	8015B NM	37619
880-20623-16	S-16	Total/NA	Solid	8015B NM	37619
880-20623-17	S-17	Total/NA	Solid	8015B NM	37619
880-20623-18	S-18	Total/NA	Solid	8015B NM	37619
880-20623-19	S-19	Total/NA	Solid	8015B NM	37619
880-20623-20	S-20	Total/NA	Solid	8015B NM	37619
MB 880-37619/1-A	Method Blank	Total/NA	Solid	8015B NM	37619
LCS 880-37619/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	37619
LCSD 880-37619/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	37619
880-20623-1 MS	S-1	Total/NA	Solid	8015B NM	37619
880-20623-1 MSD	S-1	Total/NA	Solid	8015B NM	37619

Prep Batch: 37619

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-1	S-1	Total/NA	Solid	8015NM Prep	
880-20623-2	S-2	Total/NA	Solid	8015NM Prep	
880-20623-3	S-3	Total/NA	Solid	8015NM Prep	
880-20623-4	S-4	Total/NA	Solid	8015NM Prep	
880-20623-5	S-5	Total/NA	Solid	8015NM Prep	
880-20623-6	S-6	Total/NA	Solid	8015NM Prep	
880-20623-7	S-7	Total/NA	Solid	8015NM Prep	
880-20623-8	S-8	Total/NA	Solid	8015NM Prep	
880-20623-9	S-9	Total/NA	Solid	8015NM Prep	
880-20623-10	S-10	Total/NA	Solid	8015NM Prep	
880-20623-11	S-11	Total/NA	Solid	8015NM Prep	
880-20623-12	S-12	Total/NA	Solid	8015NM Prep	
880-20623-13	S-13	Total/NA	Solid	8015NM Prep	
880-20623-14	S-14	Total/NA	Solid	8015NM Prep	
880-20623-15	S-15	Total/NA	Solid	8015NM Prep	

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Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

GC Semi VOA (Continued)

Prep Batch: 37619 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-16	S-16	Total/NA	Solid	8015NM Prep	
880-20623-17	S-17	Total/NA	Solid	8015NM Prep	
880-20623-18	S-18	Total/NA	Solid	8015NM Prep	
880-20623-19	S-19	Total/NA	Solid	8015NM Prep	
880-20623-20	S-20	Total/NA	Solid	8015NM Prep	
MB 880-37619/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-37619/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-37619/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-20623-1 MS	S-1	Total/NA	Solid	8015NM Prep	
880-20623-1 MSD	S-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 37620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-21	S-21	Total/NA	Solid	8015NM Prep	<u> </u>
880-20623-22	S-22	Total/NA	Solid	8015NM Prep	
880-20623-23	S-23	Total/NA	Solid	8015NM Prep	
880-20623-24	S-24	Total/NA	Solid	8015NM Prep	
880-20623-25	S-25	Total/NA	Solid	8015NM Prep	
880-20623-26	S-26	Total/NA	Solid	8015NM Prep	
880-20623-27	S-27	Total/NA	Solid	8015NM Prep	
880-20623-28	S-28	Total/NA	Solid	8015NM Prep	
880-20623-29	S-29	Total/NA	Solid	8015NM Prep	
880-20623-30	S-30	Total/NA	Solid	8015NM Prep	
880-20623-31	S-31	Total/NA	Solid	8015NM Prep	
880-20623-32	S-32	Total/NA	Solid	8015NM Prep	
880-20623-33	S-33	Total/NA	Solid	8015NM Prep	
880-20623-34	S-34	Total/NA	Solid	8015NM Prep	
880-20623-35	S-35	Total/NA	Solid	8015NM Prep	
880-20623-36	S-36	Total/NA	Solid	8015NM Prep	
880-20623-37	S-37	Total/NA	Solid	8015NM Prep	
880-20623-38	S-38	Total/NA	Solid	8015NM Prep	
880-20623-39	S-39	Total/NA	Solid	8015NM Prep	
880-20623-40	S-40	Total/NA	Solid	8015NM Prep	
MB 880-37620/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-37620/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-37620/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-20623-23 MS	S-23	Total/NA	Solid	8015NM Prep	
880-20623-23 MSD	S-23	Total/NA	Solid	8015NM Prep	

Prep Batch: 37621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-41	S-41	Total/NA	Solid	8015NM Prep	
880-20623-42	S-42	Total/NA	Solid	8015NM Prep	
880-20623-43	S-43	Total/NA	Solid	8015NM Prep	
880-20623-44	S-44	Total/NA	Solid	8015NM Prep	
880-20623-45	S-45	Total/NA	Solid	8015NM Prep	
880-20623-46	S-46	Total/NA	Solid	8015NM Prep	
880-20623-47	S-47	Total/NA	Solid	8015NM Prep	
880-20623-48	S-48	Total/NA	Solid	8015NM Prep	
880-20623-49	S-49	Total/NA	Solid	8015NM Prep	
880-20623-50	S-50	Total/NA	Solid	8015NM Prep	

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

GC Semi VOA (Continued)

Prep Batch: 37621 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-51	S-51	Total/NA	Solid	8015NM Prep	
880-20623-52	S-52	Total/NA	Solid	8015NM Prep	
880-20623-53	S-53	Total/NA	Solid	8015NM Prep	
880-20623-54	S-54	Total/NA	Solid	8015NM Prep	
880-20623-55	S-55	Total/NA	Solid	8015NM Prep	
880-20623-56	S-56	Total/NA	Solid	8015NM Prep	
880-20623-57	S-57	Total/NA	Solid	8015NM Prep	
880-20623-58	S-58	Total/NA	Solid	8015NM Prep	
880-20623-59	S-59	Total/NA	Solid	8015NM Prep	
880-20623-60	S-60	Total/NA	Solid	8015NM Prep	
MB 880-37621/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-37621/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-37621/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-20623-41 MS	S-41	Total/NA	Solid	8015NM Prep	
880-20623-41 MSD	S-41	Total/NA	Solid	8015NM Prep	

Analysis Batch: 37632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-20623-1	S-1	Total/NA	Solid	8015 NM	
880-20623-2	S-2	Total/NA	Solid	8015 NM	
880-20623-3	S-3	Total/NA	Solid	8015 NM	
880-20623-4	S-4	Total/NA	Solid	8015 NM	
880-20623-5	S-5	Total/NA	Solid	8015 NM	
880-20623-6	S-6	Total/NA	Solid	8015 NM	
880-20623-7	S-7	Total/NA	Solid	8015 NM	
880-20623-8	S-8	Total/NA	Solid	8015 NM	
880-20623-9	S-9	Total/NA	Solid	8015 NM	
880-20623-10	S-10	Total/NA	Solid	8015 NM	
880-20623-11	S-11	Total/NA	Solid	8015 NM	
880-20623-12	S-12	Total/NA	Solid	8015 NM	
880-20623-13	S-13	Total/NA	Solid	8015 NM	
880-20623-14	S-14	Total/NA	Solid	8015 NM	
880-20623-15	S-15	Total/NA	Solid	8015 NM	
880-20623-16	S-16	Total/NA	Solid	8015 NM	
880-20623-17	S-17	Total/NA	Solid	8015 NM	
880-20623-18	S-18	Total/NA	Solid	8015 NM	
880-20623-19	S-19	Total/NA	Solid	8015 NM	
880-20623-20	S-20	Total/NA	Solid	8015 NM	
880-20623-21	S-21	Total/NA	Solid	8015 NM	
880-20623-22	S-22	Total/NA	Solid	8015 NM	
880-20623-23	S-23	Total/NA	Solid	8015 NM	
880-20623-24	S-24	Total/NA	Solid	8015 NM	
880-20623-25	S-25	Total/NA	Solid	8015 NM	
880-20623-26	S-26	Total/NA	Solid	8015 NM	
880-20623-27	S-27	Total/NA	Solid	8015 NM	
880-20623-28	S-28	Total/NA	Solid	8015 NM	
880-20623-29	S-29	Total/NA	Solid	8015 NM	
880-20623-30	S-30	Total/NA	Solid	8015 NM	
880-20623-31	S-31	Total/NA	Solid	8015 NM	
880-20623-32	S-32	Total/NA	Solid	8015 NM	
880-20623-33	S-33	Total/NA	Solid	8015 NM	

Client: Talon/LPE

Project/Site: Lewis Unit #1

Job ID: 880-20623-1

SDG: Lea Co., NM

GC Semi VOA (Continued)

Analysis Batch: 37632 (Continued)

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-34	S-34	Total/NA	Solid	8015 NM	
880-20623-35	S-35	Total/NA	Solid	8015 NM	
880-20623-36	S-36	Total/NA	Solid	8015 NM	
880-20623-37	S-37	Total/NA	Solid	8015 NM	
880-20623-38	S-38	Total/NA	Solid	8015 NM	
880-20623-39	S-39	Total/NA	Solid	8015 NM	
880-20623-40	S-40	Total/NA	Solid	8015 NM	
880-20623-41	S-41	Total/NA	Solid	8015 NM	
880-20623-42	S-42	Total/NA	Solid	8015 NM	
880-20623-43	S-43	Total/NA	Solid	8015 NM	
880-20623-44	S-44	Total/NA	Solid	8015 NM	
880-20623-45	S-45	Total/NA	Solid	8015 NM	
880-20623-46	S-46	Total/NA	Solid	8015 NM	
880-20623-47	S-47	Total/NA	Solid	8015 NM	
880-20623-48	S-48	Total/NA	Solid	8015 NM	
880-20623-49	S-49	Total/NA	Solid	8015 NM	
880-20623-50	S-50	Total/NA	Solid	8015 NM	
880-20623-51	S-51	Total/NA	Solid	8015 NM	
880-20623-52	S-52	Total/NA	Solid	8015 NM	
880-20623-53	S-53	Total/NA	Solid	8015 NM	
880-20623-54	S-54	Total/NA	Solid	8015 NM	
880-20623-55	S-55	Total/NA	Solid	8015 NM	
880-20623-56	S-56	Total/NA	Solid	8015 NM	
880-20623-57	S-57	Total/NA	Solid	8015 NM	
880-20623-58	S-58	Total/NA	Solid	8015 NM	
880-20623-59	S-59	Total/NA	Solid	8015 NM	
880-20623-60	S-60	Total/NA	Solid	8015 NM	
	S-61	Total/NA	Solid		
880-20623-61	S-62	Total/NA	Solid	8015 NM 8015 NM	
880-20623-62	S-63	Total/NA	Solid	8015 NM	
880-20623-63					
880-20623-64	S-64	Total/NA	Solid	8015 NM	
880-20623-65	S-65	Total/NA	Solid	8015 NM	
880-20623-66	S-66	Total/NA	Solid	8015 NM	
880-20623-67	NSW-1	Total/NA	Solid	8015 NM	
880-20623-68	NSW-2	Total/NA	Solid	8015 NM	
880-20623-69	NSW-3	Total/NA	Solid	8015 NM	
880-20623-70	NSW-4	Total/NA	Solid	8015 NM	
880-20623-71	NSW-5	Total/NA	Solid	8015 NM	
880-20623-72	NSW-6	Total/NA	Solid	8015 NM	
880-20623-73	ESW-1	Total/NA	Solid	8015 NM	
880-20623-74	SSW-1	Total/NA	Solid	8015 NM	
880-20623-75	SSW-2	Total/NA	Solid	8015 NM	
880-20623-76	SSW-3	Total/NA	Solid	8015 NM	
880-20623-78	SSW-5	Total/NA	Solid	8015 NM	
880-20623-79	SSW-6	Total/NA	Solid	8015 NM	
880-20623-80	SSW-6A	Total/NA	Solid	8015 NM	
880-20623-81	SSW-7	Total/NA	Solid	8015 NM	
880-20623-82	SSW-8	Total/NA	Solid	8015 NM	
880-20623-83	WSW-1	Total/NA	Solid	8015 NM	
880-20623-84	WSW-2	Total/NA	Solid	8015 NM	
880-20623-85	NSW-7	Total/NA	Solid	8015 NM	

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Client: Talon/LPE Job ID: 880-20623-1 SDG: Lea Co., NM Project/Site: Lewis Unit #1

GC Semi VOA (Continued)

Analysis Batch: 37632 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-86	NSW-8	Total/NA	Solid	8015 NM	

Prep Batch: 37641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-61	S-61	Total/NA	Solid	8015NM Prep	
880-20623-62	S-62	Total/NA	Solid	8015NM Prep	
880-20623-63	S-63	Total/NA	Solid	8015NM Prep	
880-20623-64	S-64	Total/NA	Solid	8015NM Prep	
880-20623-65	S-65	Total/NA	Solid	8015NM Prep	
880-20623-66	S-66	Total/NA	Solid	8015NM Prep	
880-20623-67	NSW-1	Total/NA	Solid	8015NM Prep	
880-20623-68	NSW-2	Total/NA	Solid	8015NM Prep	
880-20623-69	NSW-3	Total/NA	Solid	8015NM Prep	
880-20623-70	NSW-4	Total/NA	Solid	8015NM Prep	
880-20623-71	NSW-5	Total/NA	Solid	8015NM Prep	
880-20623-72	NSW-6	Total/NA	Solid	8015NM Prep	
880-20623-73	ESW-1	Total/NA	Solid	8015NM Prep	
880-20623-74	SSW-1	Total/NA	Solid	8015NM Prep	
880-20623-75	SSW-2	Total/NA	Solid	8015NM Prep	
880-20623-76	SSW-3	Total/NA	Solid	8015NM Prep	
880-20623-78	SSW-5	Total/NA	Solid	8015NM Prep	
MB 880-37641/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-37641/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-37641/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-20623-64 MS	S-64	Total/NA	Solid	8015NM Prep	
880-20623-64 MSD	S-64	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 37513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-1	S-1	Soluble	Solid	DI Leach	
880-20623-2	S-2	Soluble	Solid	DI Leach	
880-20623-3	S-3	Soluble	Solid	DI Leach	
880-20623-4	S-4	Soluble	Solid	DI Leach	
880-20623-5	S-5	Soluble	Solid	DI Leach	
880-20623-6	S-6	Soluble	Solid	DI Leach	
MB 880-37513/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-37513/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-37513/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-20623-1 MS	S-1	Soluble	Solid	DI Leach	
880-20623-1 MSD	S-1	Soluble	Solid	DI Leach	

Leach Batch: 37561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-7	S-7	Soluble	Solid	DI Leach	
880-20623-8	S-8	Soluble	Solid	DI Leach	
880-20623-9	S-9	Soluble	Solid	DI Leach	
880-20623-10	S-10	Soluble	Solid	DI Leach	
880-20623-11	S-11	Soluble	Solid	DI Leach	
880-20623-12	S-12	Soluble	Solid	DI Leach	

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

HPLC/IC (Continued)

Leach Batch: 37561 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-13	S-13	Soluble	Solid	DI Leach	
880-20623-14	S-14	Soluble	Solid	DI Leach	
880-20623-15	S-15	Soluble	Solid	DI Leach	
880-20623-16	S-16	Soluble	Solid	DI Leach	
880-20623-17	S-17	Soluble	Solid	DI Leach	
880-20623-18	S-18	Soluble	Solid	DI Leach	
880-20623-19	S-19	Soluble	Solid	DI Leach	
880-20623-20	S-20	Soluble	Solid	DI Leach	
880-20623-21	S-21	Soluble	Solid	DI Leach	
880-20623-22	S-22	Soluble	Solid	DI Leach	
880-20623-23	S-23	Soluble	Solid	DI Leach	
880-20623-24	S-24	Soluble	Solid	DI Leach	
880-20623-25	S-25	Soluble	Solid	DI Leach	
880-20623-26	S-26	Soluble	Solid	DI Leach	
MB 880-37561/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-37561/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-37561/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-20623-7 MS	S-7	Soluble	Solid	DI Leach	
880-20623-7 MSD	S-7	Soluble	Solid	DI Leach	
880-20623-17 MS	S-17	Soluble	Solid	DI Leach	
880-20623-17 MSD	S-17	Soluble	Solid	DI Leach	

Leach Batch: 37562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-20623-27	S-27	Soluble	Solid	DI Leach	
880-20623-28	S-28	Soluble	Solid	DI Leach	
880-20623-29	S-29	Soluble	Solid	DI Leach	
880-20623-30	S-30	Soluble	Solid	DI Leach	
880-20623-31	S-31	Soluble	Solid	DI Leach	
880-20623-32	S-32	Soluble	Solid	DI Leach	
880-20623-33	S-33	Soluble	Solid	DI Leach	
880-20623-34	S-34	Soluble	Solid	DI Leach	
880-20623-35	S-35	Soluble	Solid	DI Leach	
880-20623-36	S-36	Soluble	Solid	DI Leach	
880-20623-37	S-37	Soluble	Solid	DI Leach	
380-20623-38	S-38	Soluble	Solid	DI Leach	
380-20623-39	S-39	Soluble	Solid	DI Leach	
880-20623-40	S-40	Soluble	Solid	DI Leach	
880-20623-41	S-41	Soluble	Solid	DI Leach	
380-20623-42	S-42	Soluble	Solid	DI Leach	
880-20623-43	S-43	Soluble	Solid	DI Leach	
880-20623-44	S-44	Soluble	Solid	DI Leach	
880-20623-45	S-45	Soluble	Solid	DI Leach	
880-20623-46	S-46	Soluble	Solid	DI Leach	
MB 880-37562/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-37562/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-37562/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
380-20623-27 MS	S-27	Soluble	Solid	DI Leach	
880-20623-27 MSD	S-27	Soluble	Solid	DI Leach	
880-20623-37 MS	S-37	Soluble	Solid	DI Leach	
880-20623-37 MSD	S-37	Soluble	Solid	DI Leach	

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Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

HPLC/IC

Leach Batch: 37563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-47	S-47	Soluble	Solid	DI Leach	
880-20623-48	S-48	Soluble	Solid	DI Leach	
880-20623-49	S-49	Soluble	Solid	DI Leach	
880-20623-50	S-50	Soluble	Solid	DI Leach	
880-20623-51	S-51	Soluble	Solid	DI Leach	
880-20623-52	S-52	Soluble	Solid	DI Leach	
880-20623-53	S-53	Soluble	Solid	DI Leach	
880-20623-54	S-54	Soluble	Solid	DI Leach	
880-20623-55	S-55	Soluble	Solid	DI Leach	
880-20623-56	S-56	Soluble	Solid	DI Leach	
880-20623-57	S-57	Soluble	Solid	DI Leach	
880-20623-58	S-58	Soluble	Solid	DI Leach	
880-20623-59	S-59	Soluble	Solid	DI Leach	
880-20623-60	S-60	Soluble	Solid	DI Leach	
880-20623-61	S-61	Soluble	Solid	DI Leach	
880-20623-62	S-62	Soluble	Solid	DI Leach	
880-20623-63	S-63	Soluble	Solid	DI Leach	
880-20623-64	S-64	Soluble	Solid	DI Leach	
880-20623-65	S-65	Soluble	Solid	DI Leach	
880-20623-66	S-66	Soluble	Solid	DI Leach	
MB 880-37563/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-37563/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-37563/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-20623-47 MS	S-47	Soluble	Solid	DI Leach	
880-20623-47 MSD	S-47	Soluble	Solid	DI Leach	
880-20623-57 MS	S-57	Soluble	Solid	DI Leach	
880-20623-57 MSD	S-57	Soluble	Solid	DI Leach	

Leach Batch: 37564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-67	NSW-1	Soluble	Solid	DI Leach	
880-20623-68	NSW-2	Soluble	Solid	DI Leach	
880-20623-69	NSW-3	Soluble	Solid	DI Leach	
880-20623-70	NSW-4	Soluble	Solid	DI Leach	
880-20623-71	NSW-5	Soluble	Solid	DI Leach	
880-20623-72	NSW-6	Soluble	Solid	DI Leach	
880-20623-73	ESW-1	Soluble	Solid	DI Leach	
880-20623-74	SSW-1	Soluble	Solid	DI Leach	
880-20623-75	SSW-2	Soluble	Solid	DI Leach	
880-20623-76	SSW-3	Soluble	Solid	DI Leach	
880-20623-78	SSW-5	Soluble	Solid	DI Leach	
880-20623-79	SSW-6	Soluble	Solid	DI Leach	
880-20623-80	SSW-6A	Soluble	Solid	DI Leach	
380-20623-81	SSW-7	Soluble	Solid	DI Leach	
880-20623-82	SSW-8	Soluble	Solid	DI Leach	
380-20623-83	WSW-1	Soluble	Solid	DI Leach	
880-20623-84	WSW-2	Soluble	Solid	DI Leach	
880-20623-85	NSW-7	Soluble	Solid	DI Leach	
880-20623-86	NSW-8	Soluble	Solid	DI Leach	
MB 880-37564/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-37564/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

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Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

HPLC/IC (Continued)

Leach Batch: 37564 (Continued)

Lab Sample ID LCSD 880-37564/3-A	Client Sample ID Lab Control Sample Dup	Prep Type Soluble	Matrix Solid	Method DI Leach	Prep Batch
880-20623-67 MS	NSW-1	Soluble	Solid	DI Leach	
880-20623-67 MSD	NSW-1	Soluble	Solid	DI Leach	
880-20623-78 MS	SSW-5	Soluble	Solid	DI Leach	
880-20623-78 MSD	SSW-5	Soluble	Solid	DI Leach	

Analysis Batch: 37653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-1	S-1	Soluble	Solid	300.0	37513
880-20623-2	S-2	Soluble	Solid	300.0	37513
880-20623-3	S-3	Soluble	Solid	300.0	37513
880-20623-4	S-4	Soluble	Solid	300.0	37513
880-20623-5	S-5	Soluble	Solid	300.0	37513
880-20623-6	S-6	Soluble	Solid	300.0	37513
MB 880-37513/1-A	Method Blank	Soluble	Solid	300.0	37513
LCS 880-37513/2-A	Lab Control Sample	Soluble	Solid	300.0	37513
LCSD 880-37513/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	37513
880-20623-1 MS	S-1	Soluble	Solid	300.0	37513
880-20623-1 MSD	S-1	Soluble	Solid	300.0	37513

Analysis Batch: 37661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-7	S-7	Soluble	Solid	300.0	37561
880-20623-8	S-8	Soluble	Solid	300.0	37561
880-20623-9	S-9	Soluble	Solid	300.0	37561
880-20623-10	S-10	Soluble	Solid	300.0	37561
880-20623-11	S-11	Soluble	Solid	300.0	37561
880-20623-12	S-12	Soluble	Solid	300.0	37561
880-20623-13	S-13	Soluble	Solid	300.0	37561
880-20623-14	S-14	Soluble	Solid	300.0	37561
880-20623-15	S-15	Soluble	Solid	300.0	37561
880-20623-16	S-16	Soluble	Solid	300.0	37561
880-20623-17	S-17	Soluble	Solid	300.0	37561
880-20623-18	S-18	Soluble	Solid	300.0	37561
880-20623-19	S-19	Soluble	Solid	300.0	37561
880-20623-20	S-20	Soluble	Solid	300.0	37561
880-20623-21	S-21	Soluble	Solid	300.0	37561
880-20623-22	S-22	Soluble	Solid	300.0	37561
880-20623-23	S-23	Soluble	Solid	300.0	37561
880-20623-24	S-24	Soluble	Solid	300.0	37561
880-20623-25	S-25	Soluble	Solid	300.0	37561
880-20623-26	S-26	Soluble	Solid	300.0	37561
MB 880-37561/1-A	Method Blank	Soluble	Solid	300.0	37561
LCS 880-37561/2-A	Lab Control Sample	Soluble	Solid	300.0	37561
LCSD 880-37561/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	37561
880-20623-7 MS	S-7	Soluble	Solid	300.0	37561
880-20623-7 MSD	S-7	Soluble	Solid	300.0	37561
880-20623-17 MS	S-17	Soluble	Solid	300.0	37561
880-20623-17 MSD	S-17	Soluble	Solid	300.0	37561

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Client: Talon/LPE
Project/Site: Lewis Unit #1
Job ID: 880-20623-1
SDG: Lea Co., NM

HPLC/IC

Analysis Batch: 37662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-27	S-27	Soluble	Solid	300.0	37562
880-20623-28	S-28	Soluble	Solid	300.0	37562
880-20623-29	S-29	Soluble	Solid	300.0	37562
880-20623-30	S-30	Soluble	Solid	300.0	37562
880-20623-31	S-31	Soluble	Solid	300.0	37562
880-20623-32	S-32	Soluble	Solid	300.0	37562
880-20623-33	S-33	Soluble	Solid	300.0	37562
880-20623-34	S-34	Soluble	Solid	300.0	37562
880-20623-35	S-35	Soluble	Solid	300.0	37562
880-20623-36	S-36	Soluble	Solid	300.0	37562
880-20623-37	S-37	Soluble	Solid	300.0	37562
880-20623-38	S-38	Soluble	Solid	300.0	37562
880-20623-39	S-39	Soluble	Solid	300.0	37562
880-20623-40	S-40	Soluble	Solid	300.0	37562
880-20623-41	S-41	Soluble	Solid	300.0	37562
880-20623-42	S-42	Soluble	Solid	300.0	37562
880-20623-43	S-43	Soluble	Solid	300.0	37562
880-20623-44	S-44	Soluble	Solid	300.0	37562
880-20623-45	S-45	Soluble	Solid	300.0	37562
880-20623-46	S-46	Soluble	Solid	300.0	37562
MB 880-37562/1-A	Method Blank	Soluble	Solid	300.0	37562
LCS 880-37562/2-A	Lab Control Sample	Soluble	Solid	300.0	37562
LCSD 880-37562/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	37562
880-20623-27 MS	S-27	Soluble	Solid	300.0	37562
880-20623-27 MSD	S-27	Soluble	Solid	300.0	37562
880-20623-37 MS	S-37	Soluble	Solid	300.0	37562
880-20623-37 MSD	S-37	Soluble	Solid	300.0	37562

Analysis Batch: 37789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-47	S-47	Soluble	Solid	300.0	37563
880-20623-48	S-48	Soluble	Solid	300.0	37563
880-20623-49	S-49	Soluble	Solid	300.0	37563
880-20623-50	S-50	Soluble	Solid	300.0	37563
880-20623-51	S-51	Soluble	Solid	300.0	37563
880-20623-52	S-52	Soluble	Solid	300.0	37563
880-20623-53	S-53	Soluble	Solid	300.0	37563
880-20623-54	S-54	Soluble	Solid	300.0	37563
880-20623-55	S-55	Soluble	Solid	300.0	37563
880-20623-56	S-56	Soluble	Solid	300.0	37563
880-20623-57	S-57	Soluble	Solid	300.0	37563
880-20623-58	S-58	Soluble	Solid	300.0	37563
880-20623-59	S-59	Soluble	Solid	300.0	37563
880-20623-60	S-60	Soluble	Solid	300.0	37563
880-20623-61	S-61	Soluble	Solid	300.0	37563
880-20623-62	S-62	Soluble	Solid	300.0	37563
880-20623-63	S-63	Soluble	Solid	300.0	37563
880-20623-64	S-64	Soluble	Solid	300.0	37563
880-20623-65	S-65	Soluble	Solid	300.0	37563
880-20623-66	S-66	Soluble	Solid	300.0	37563
MB 880-37563/1-A	Method Blank	Soluble	Solid	300.0	37563

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Job ID: 880-20623-1 Client: Talon/LPE Project/Site: Lewis Unit #1 SDG: Lea Co., NM

HPLC/IC (Continued)

Analysis Batch: 37789 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-37563/2-A	Lab Control Sample	Soluble	Solid	300.0	37563
LCSD 880-37563/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	37563
880-20623-47 MS	S-47	Soluble	Solid	300.0	37563
880-20623-47 MSD	S-47	Soluble	Solid	300.0	37563
880-20623-57 MS	S-57	Soluble	Solid	300.0	37563
880-20623-57 MSD	S-57	Soluble	Solid	300.0	37563

Analysis Batch: 37799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-67	NSW-1	Soluble	Solid	300.0	37564
880-20623-68	NSW-2	Soluble	Solid	300.0	37564
880-20623-69	NSW-3	Soluble	Solid	300.0	37564
880-20623-70	NSW-4	Soluble	Solid	300.0	37564
880-20623-71	NSW-5	Soluble	Solid	300.0	37564
880-20623-72	NSW-6	Soluble	Solid	300.0	37564
880-20623-73	ESW-1	Soluble	Solid	300.0	37564
880-20623-74	SSW-1	Soluble	Solid	300.0	37564
880-20623-75	SSW-2	Soluble	Solid	300.0	37564
880-20623-76	SSW-3	Soluble	Solid	300.0	37564
880-20623-78	SSW-5	Soluble	Solid	300.0	37564
880-20623-79	SSW-6	Soluble	Solid	300.0	37564
880-20623-80	SSW-6A	Soluble	Solid	300.0	37564
880-20623-81	SSW-7	Soluble	Solid	300.0	37564
880-20623-82	SSW-8	Soluble	Solid	300.0	37564
880-20623-83	WSW-1	Soluble	Solid	300.0	37564
880-20623-84	WSW-2	Soluble	Solid	300.0	37564
880-20623-85	NSW-7	Soluble	Solid	300.0	37564
880-20623-86	NSW-8	Soluble	Solid	300.0	37564
MB 880-37564/1-A	Method Blank	Soluble	Solid	300.0	37564
LCS 880-37564/2-A	Lab Control Sample	Soluble	Solid	300.0	37564
LCSD 880-37564/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	37564
880-20623-67 MS	NSW-1	Soluble	Solid	300.0	37564
880-20623-67 MSD	NSW-1	Soluble	Solid	300.0	37564
880-20623-78 MS	SSW-5	Soluble	Solid	300.0	37564
880-20623-78 MSD	SSW-5	Soluble	Solid	300.0	37564

Client Sample ID: S-1

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Lab Sample ID: 880-20623-1

Date Collected: 10/19/22 14:10 Date Received: 10/21/22 12:10

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			4.98 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/28/22 22:44	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 11:37	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	37513	10/21/22 18:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37653	10/24/22 18:49	CH	EET MID

Client Sample ID: S-2 Lab Sample ID: 880-20623-2

Date Collected: 10/19/22 14:08 **Matrix: Solid**

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/28/22 23:05	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 12:40	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37513	10/21/22 18:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37653	10/24/22 19:14	CH	EET MID

Client Sample ID: S-3 Lab Sample ID: 880-20623-3 Date Collected: 10/19/22 14:00 **Matrix: Solid**

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/28/22 23:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 13:01	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37513	10/21/22 18:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37653	10/24/22 19:22	CH	EET MID

Client Sample ID: S-4 Lab Sample ID: 880-20623-4 Date Collected: 10/19/22 13:58 **Matrix: Solid**

Date Received: 10/21/22 12:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035		1 40101	5.01 g	5 mL	37679	10/24/22 13:30		EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/28/22 23:46	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID

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Released to Imaging: 9/12/2023 10:39:29 AM

Job ID: 880-20623-1

SDG: Lea Co., NM

Lab Sample ID: 880-20623-4

Matrix: Solid

Client Sample ID: S-4 Date Collected: 10/19/22 13:58

Project/Site: Lewis Unit #1

Client: Talon/LPE

Date Received: 10/21/22 12:10

	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			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 13:22	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37513	10/21/22 18:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37653	10/24/22 19:47	CH	EET MID

Client Sample ID: S-5 Lab Sample ID: 880-20623-5 **Matrix: Solid**

Date Collected: 10/19/22 13:56 Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 00:07	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 13:43	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	37513	10/21/22 18:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37653	10/24/22 19:55	CH	EET MID

Client Sample ID: S-6 Lab Sample ID: 880-20623-6

Date Collected: 10/19/22 13:54 Date Received: 10/21/22 12:10

	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	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 00:27	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 14:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	37513	10/21/22 18:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37653	10/24/22 20:04	CH	EET MID

Client Sample ID: S-7 Lab Sample ID: 880-20623-7 Date Collected: 10/19/22 13:52 **Matrix: Solid**

Date Received: 10/21/22 12:10

	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	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 00:48	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g 1 uL	10 mL 1 uL	37619 37609	10/24/22 09:00 10/24/22 14:24	DM SM	EET MID EET MID

Eurofins Midland

Matrix: Solid

Released to Imaging: 9/12/2023 10:39:29 AM

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1 SDG: Lea Co., NM Client Sample ID: S-7 Lab Sample ID: 880-20623-7

Date Collected: 10/19/22 13:52 Matrix: Solid Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 17:00	CH	EET MID

Lab Sample ID: 880-20623-8 Client Sample ID: S-8

Date Collected: 10/19/22 13:50 Matrix: Solid

Date Received: 10/21/22 12:10

	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	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 01:08	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 14:45	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 17:15	CH	EET MID

Lab Sample ID: 880-20623-9 Client Sample ID: S-9

Date Collected: 10/19/22 13:48 **Matrix: Solid** Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 01:29	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 15:06	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 17:28	CH	EET MID

Lab Sample ID: 880-20623-10 **Client Sample ID: S-10** Date Collected: 10/19/22 13:46 Matrix: Solid

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 01:49	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 15:27	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 17:33	CH	EET MID

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Client: Talon/LPE

Project/Site: Lewis Unit #1

Client Sample ID: S-11

Lab Sample ID: 880-20623-11

Matrix: Solid

Job ID: 880-20623-1

SDG: Lea Co., NM

Date Collected: 10/19/22 13:44 Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 03:12	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 16:08	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 17:38	CH	EET MID

Client Sample ID: S-12

Date Collected: 10/19/22 13:42

Lab Sample ID: 880-20623-12

Matrix: Solid

Date Received: 10/21/22 12:10

Batch Batch Dil Initial Final Batch Prepared Method Number **Prep Type** Type Run **Factor Amount** Amount or Analyzed **Analyst** Lab Total/NA Prep 5035 5 mL 37679 10/24/22 13:30 MNR EET MID 4.97 g 8021B Total/NA 5 mL 38059 10/29/22 05:15 AJ **EET MID** Analysis 10 5 mL Total/NA Total BTEX Analysis 38090 10/31/22 10:08 SM **EET MID** 1 Total/NA 8015 NM **EET MID** Analysis 1 37632 10/25/22 10:47 SM Total/NA Prep 8015NM Prep 10.01 g 10 mL 37619 10/24/22 09:00 DM **EET MID** Total/NA 8015B NM 1 uL 37609 Analysis 1 uL 10/24/22 16:29 SM **EET MID**

Client Sample ID: S-13 Lab Sample ID: 880-20623-13

5 g

50 mL

50 mL

50 mL

37561

37661

10/22/22 12:18 SMC

10/24/22 17:53 CH

Date Collected: 10/19/22 13:40 Date Received: 10/21/22 12:10

Leach

Analysis

DI Leach

300.0

Soluble

Soluble

Prep Type	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 03:32	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 16:50	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 17:58	CH	EET MID

Client Sample ID: S-14 Lab Sample ID: 880-20623-14

Date Collected: 10/19/22 13:38 Date Received: 10/21/22 12:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	38059	10/29/22 05:35	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID

Eurofins Midland

Matrix: Solid

Released to Imaging: 9/12/2023 10:39:29 AM

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7

9

4.4

13

14

EET MID

EET MID

Matrix: Solid

Project/Site: Lewis Unit #1 Client Sample ID: S-14

Client: Talon/LPE

Soluble

Lab Sample ID: 880-20623-14

Matrix: Solid

Date Collected: 10/19/22 13:38 Date Received: 10/21/22 12:10

Batch Batch Dil Initial **Final** Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 8015 NM 37632 Analysis 10/25/22 10:47 SM **EET MID** Total/NA Prep 8015NM Prep 10.00 g 10 mL 37619 10/24/22 09:00 DM **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 37609 10/24/22 17:11 SM **EET MID** Soluble Leach DI Leach 4.95 g 50 mL 37561 10/22/22 12:18 SMC **EET MID**

1

50 mL

50 mL

37661

Lab Sample ID: 880-20623-15

10/24/22 18:02 CH

Matrix: Solid

Matrix: Solid

EET MID

Date Collected: 10/19/22 13:36 Date Received: 10/21/22 12:10

Client Sample ID: S-15

Analysis

300.0

	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	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 03:53	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 17:31	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 18:07	CH	EET MID

Lab Sample ID: 880-20623-16 Client Sample ID: S-16

Date Collected: 10/19/22 13:34 Date Received: 10/21/22 12:10

Batch **Batch** Dil Initial **Final Batch** Prepared Number **Prep Type** Type Method Run **Factor** Amount Amount or Analyzed Analyst Lab 37679 Total/NA Prep 5035 4.99 g 5 mL 10/24/22 13:30 MNR **EET MID** Total/NA Analysis 8021B 10 5 mL 5 mL 38059 10/29/22 05:56 ΑJ **EET MID** Total/NA Analysis Total BTEX 38090 10/31/22 10:08 SM **EET MID** 1 8015 NM Total/NA Analysis 1 37632 10/25/22 10:47 SM **EET MID** Total/NA Prep 8015NM Prep 37619 10/24/22 09:00 DM 10.02 g 10 mL **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 37609 10/24/22 17:52 SM **EET MID** Soluble Leach DI Leach 4.98 q 50 mL 37561 10/22/22 12:18 SMC **EET MID** Soluble Analysis 300.0 5 50 mL 50 mL 37661 10/24/22 18:12 CH **EET MID**

Client Sample ID: S-17 Lab Sample ID: 880-20623-17 Date Collected: 10/19/22 13:32 **Matrix: Solid**

Date Received: 10/21/22 12:10

	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	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 04:13	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g 1 uL	10 mL 1 uL	37619 37609	10/24/22 09:00 10/24/22 18:12	DM SM	EET MID EET MID

Eurofins Midland

Client: Talon/LPE

Project/Site: Lewis Unit #1

Job ID: 880-20623-1

SDG: Lea Co., NM

Client Sample ID: S-17 Date Collected: 10/19/22 13:32

Lab Sample ID: 880-20623-17

Matrix: Solid

Batch Batch Dil Initial Batch Final Prepared Method **Factor** Number or Analyzed **Prep Type** Type Run **Amount** Amount Analyst Soluble DI Leach 5.01 g 50 mL 37561 10/22/22 12:18 SMC EET MID Leach Soluble 300.0 37661 10/24/22 18:17 CH Analysis 50 mL 50 mL **EET MID** 1

Client Sample ID: S-18 Lab Sample ID: 880-20623-18

Date Collected: 10/19/22 13:30 **Matrix: Solid**

Date Received: 10/21/22 12:10

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 04:34	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 18:33	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 18:32	CH	EET MID

Lab Sample ID: 880-20623-19 Client Sample ID: S-19

Date Collected: 10/19/22 13:28 Matrix: Solid

Date Received: 10/21/22 12:10

	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	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 04:54	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MI
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37619	10/24/22 09:00	DM	EET MI
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 18:54	SM	EET MI
Soluble	Leach	DI Leach			4.99 g	50 mL	37561	10/22/22 12:18	SMC	EET MII
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 18:36	CH	EET MII

Client Sample ID: S-20 Lab Sample ID: 880-20623-20 Date Collected: 10/19/22 13:26

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	38059	10/29/22 06:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37619	10/24/22 09:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37609	10/24/22 19:15	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 18:51	CH	EET MID

Eurofins Midland

Matrix: Solid

Client: Talon/LPE Project/Site: Lewis Unit #1

Job ID: 880-20623-1 SDG: Lea Co., NM

Client Sample ID: S-21 Lab Sample ID: 880-20623-21

Date Collected: 10/19/22 13:24 Matrix: Solid Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 16:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 12:49	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 18:56	CH	EET MID

Client Sample ID: S-22 Lab Sample ID: 880-20623-22

Date Collected: 10/19/22 13:22 **Matrix: Solid**

Date Received: 10/21/22 12:10

	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	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 13:11	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 19:01	CH	EET MID

Client Sample ID: S-23 Lab Sample ID: 880-20623-23 Date Collected: 10/19/22 13:20 **Matrix: Solid**

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 17:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 11:45	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 19:06	CH	EET MID

Client Sample ID: S-24 Lab Sample ID: 880-20623-24

Date Collected: 10/19/22 13:18 Date Received: 10/21/22 12:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035		1 40101	5.05 g	5 mL	37680	10/24/22 13:48	- ,	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID

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Matrix: Solid

Released to Imaging: 9/12/2023 10:39:29 AM

Job ID: 880-20623-1

SDG: Lea Co., NM

Client Sample ID: S-24 Date Collected: 10/19/22 13:18

Date Received: 10/21/22 12:10

Project/Site: Lewis Unit #1

Client: Talon/LPE

Lab Sample ID: 880-20623-24

Matrix: Solid

	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			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 13:32	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 ml	50 ml	37661	10/24/22 19:10	CH	FET MID

Lab Sample ID: 880-20623-25

Client Sample ID: S-25 Date Collected: 10/19/22 13:16 **Matrix: Solid**

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 17:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 13:54	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 19:15	CH	EET MID

Client Sample ID: S-26 Lab Sample ID: 880-20623-26

Date Collected: 10/19/22 13:14 Date Received: 10/21/22 12:10

	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	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 18:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 14:16	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37561	10/22/22 12:18	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37661	10/24/22 19:20	CH	EET MID

Client Sample ID: S-27 Lab Sample ID: 880-20623-27 Date Collected: 10/19/22 13:12

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g 1 uL	10 mL 1 uL	37620 37605	10/24/22 09:02 10/24/22 14:37	DM SM	EET MID EET MID

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Matrix: Solid

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Matrix: Solid

Lab Chronicle

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-27 Lab Sample ID: 880-20623-27

Date Collected: 10/19/22 13:12 Matrix: Solid
Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 13:25	CH	EET MID

Client Sample ID: S-28 Lab Sample ID: 880-20623-28

Date Collected: 10/19/22 13:10 Matrix: Solid

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 14:59	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 13:40	CH	EET MID

Client Sample ID: S-29

Date Collected: 10/19/22 13:08

Lab Sample ID: 880-20623-29

Matrix: Solid

Date Collected: 10/19/22 13:08
Date Received: 10/21/22 12:10

	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	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 15:21	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 13:45	CH	EET MID

Client Sample ID: S-30

Date Collected: 10/19/22 13:06

Lab Sample ID: 880-20623-30

Matrix: Solid

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 19:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 15:42	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 13:50	CH	EET MID

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omio malaria

Job ID: 880-20623-1 SDG: Lea Co., NM

Client Sample ID: S-31

Lab Sample ID: 880-20623-31

Matrix: Solid

Date Collected: 10/19/22 13:04 Date Received: 10/21/22 12:10

	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	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 21:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 16:30	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 13:55	CH	EET MID

Client Sample ID: S-32 Lab Sample ID: 880-20623-32 Date Collected: 10/19/22 13:02

Date Received: 10/21/22 12:10

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			5.01 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 21:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 16:52	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 14:09	CH	EET MID

Client Sample ID: S-33 Lab Sample ID: 880-20623-33 **Matrix: Solid**

Date Collected: 10/19/22 13:00 Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 21:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 17:13	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 14:14	CH	EET MID

Client Sample ID: S-34 Lab Sample ID: 880-20623-34

Date Collected: 10/19/22 12:58 Date Received: 10/21/22 12:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 22:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID

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Matrix: Solid

Lab Chronicle

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-34 Lab Sample ID: 880-20623-34

Date Collected: 10/19/22 12:58 Matrix: Solid Date Received: 10/21/22 12:10

	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			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 17:35	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 14:19	CH	EET MID

Lab Sample ID: 880-20623-35 **Client Sample ID: S-35** Date Collected: 10/20/22 10:00 **Matrix: Solid**

Date Received: 10/21/22 12:10

	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	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 22:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 17:56	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 14:24	CH	EET MID

Client Sample ID: S-36 Lab Sample ID: 880-20623-36 Date Collected: 10/20/22 10:02 **Matrix: Solid**

Date Received: 10/21/22 12:10

	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	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 23:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 18:18	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 14:29	CH	EET MI

Client Sample ID: S-37 Lab Sample ID: 880-20623-37 Date Collected: 10/20/22 10:04 **Matrix: Solid**

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 23:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g 1 uL	10 mL 1 uL	37620 37605	10/24/22 09:02 10/24/22 18:39	DM SM	EET MID EET MID

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Job ID: 880-20623-1

SDG: Lea Co., NM

Client Sample ID: S-37

Project/Site: Lewis Unit #1

Client: Talon/LPE

Date Collected: 10/20/22 10:04 Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-37

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 14:34	CH	EET MID

Lab Sample ID: 880-20623-38 Client Sample ID: S-38

Date Collected: 10/20/22 10:05 Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0 g	5 mL	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/29/22 23:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 19:01	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	37662	10/25/22 14:48	CH	EET MID

Client Sample ID: S-39 Lab Sample ID: 880-20623-39

Date Collected: 10/20/22 10:08 Matrix: Solid Date Received: 10/21/22 12:10

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 4.97 g 5 mL 37680 10/24/22 13:48 MNR EET MID Total/NA 8021B 5 mL 10/30/22 00:02 MNR Analysis 5 mL 38152 EET MID 1 Total/NA Analysis Total BTEX 1 38090 10/31/22 10:18 SM **EET MID** Total/NA Analysis 8015 NM 1 37632 10/25/22 10:41 SM **EET MID** Total/NA Prep 8015NM Prep 10.01 g 10 mL 37620 10/24/22 09:02 DM **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 37605 10/24/22 19:22 SM **EET MID** 1 Soluble 4.98 g 50 mL 37562 Leach DI Leach 10/22/22 12:28 SMC **EET MID** Soluble Analysis 300.0 50 mL 50 mL 37662 5 10/25/22 14:53 CH **EET MID**

Client Sample ID: S-40 Lab Sample ID: 880-20623-40 Date Collected: 10/20/22 10:10 Matrix: Solid

Date Received: 10/21/22 12:10

	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	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/30/22 00:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37620	10/24/22 09:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 19:43	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	37662	10/25/22 15:08	CH	EET MID

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5/31/2023 (Rev. 1)

Date Received: 10/21/22 12:10

Client: Talon/LPE Project/Site: Lewis Unit #1

Job ID: 880-20623-1 SDG: Lea Co., NM

Client Sample ID: S-41 Lab Sample ID: 880-20623-41 Date Collected: 10/20/22 10:12

Matrix: Solid

EET MID

EET MID

_	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	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 11:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 15:12	CH	EET MID

Client Sample ID: S-42 Lab Sample ID: 880-20623-42

Date Collected: 10/20/22 10:14 **Matrix: Solid** Date Received: 10/21/22 12:10

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA Prep 5035 37681 10/24/22 13:52 MNR EET MID 5.01 g 5 mL Total/NA 8021B 5 mL 10/29/22 18:49 MNR **EET MID** Analysis 5 mL 38164 1 Total/NA Analysis Total BTEX 38090 10/31/22 10:19 SM **EET MID** 1 Total/NA 8015 NM **EET MID** Analysis 1 37632 10/25/22 09:18 SM Total/NA Prep 8015NM Prep 10.03 g 10 mL 37621 10/24/22 09:05 DM **EET MID** Total/NA 8015B NM 37607 Analysis 1 uL 1 uL 10/24/22 12:49 SM **EET MID**

Client Sample ID: S-43 Lab Sample ID: 880-20623-43

1

5.01 g

50 mL

37562

37662

10/22/22 12:28 SMC

10/25/22 15:17 CH

50 mL

50 mL

Date Collected: 10/20/22 10:16 Matrix: Solid Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 13:11	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 15:22	CH	EET MID

Client Sample ID: S-44 Lab Sample ID: 880-20623-44 Date Collected: 10/20/22 10:18 Matrix: Solid

Date Received: 10/21/22 12:10

Leach

Analysis

DI Leach

300.0

Soluble

Soluble

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 19:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID

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Client: Talon/LPE

Project/Site: Lewis Unit #1

Client Sample ID: S-44

Date Collected: 10/20/22 10:18

Date Received: 10/21/22 12:10

SDG: Lea Co., NM

Lab Sample ID: 880-20623-44

Matrix: Solid

	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			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 13:32	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 15:27	CH	EET MID

Client Sample ID: S-45 Lab Sample ID: 880-20623-45

Date Collected: 10/20/22 10:20 **Matrix: Solid**

Date Received: 10/21/22 12:10

	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	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g 1 uL	10 mL 1 uL	37621 37607	10/24/22 09:05 10/24/22 13:54		EET MID EET MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		5	5.03 g 50 mL	50 mL 50 mL	37562 37662	10/22/22 12:28 10/25/22 15:32		EET MID EET MID

Client Sample ID: S-46 Lab Sample ID: 880-20623-46

Date Collected: 10/20/22 10:22 **Matrix: Solid** Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 20:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 14:16	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37562	10/22/22 12:28	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37662	10/25/22 15:37	CH	EET MID

Client Sample ID: S-47 Lab Sample ID: 880-20623-47

Date Collected: 10/20/22 10:24 Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 20:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g 1 uL	10 mL 1 uL	37621 37607	10/24/22 09:05 10/24/22 14:37	DM SM	EET MID EET MID

Eurofins Midland

Matrix: Solid

Job ID: 880-20623-1

SDG: Lea Co., NM

Client Sample ID: S-47

Date Received: 10/21/22 12:10

Project/Site: Lewis Unit #1

Client: Talon/LPE

Lab Sample ID: 880-20623-47 Date Collected: 10/20/22 10:24

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 03:10	CH	EET MID

Client Sample ID: S-48 Lab Sample ID: 880-20623-48 Date Collected: 10/20/22 10:26

Matrix: Solid

10/24/22 14:59 SM

10/22/22 12:31 SMC

10/26/22 03:24 CH

37607

37563

37789

1 uL

50 mL

Date Received: 10/21/22 12:10

Batch Batch Dil Initial Final Batch **Prepared** Method **Prep Type Amount Amount** Number or Analyzed Type Run **Factor Analyst** Lab 5035 37681 Total/NA Prep 4.96 g 5 mL 10/24/22 13:52 MNR **EET MID** Total/NA 8021B 5 mL 5 mL 38164 10/29/22 20:53 MNR Analysis 1 EET MID Total/NA Analysis Total BTEX 38090 10/31/22 10:19 SM **EET MID** 1 Total/NA 8015 NM Analysis 1 37632 10/25/22 09:18 SM **EET MID** Total/NA Prep 8015NM Prep 10.01 g 10 mL 37621 10/24/22 09:05 DM **EET MID**

Lab Sample ID: 880-20623-49 Client Sample ID: S-49

5

1 uL

5.04 g

Date Collected: 10/20/22 10:28 Matrix: Solid

Date Received: 10/21/22 12:10

Analysis

Analysis

Leach

Total/NA

Soluble

Soluble

8015B NM

DI Leach

300.0

	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	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 21:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 15:21	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 03:29	CH	EET MID

Client Sample ID: S-50 Lab Sample ID: 880-20623-50 Date Collected: 10/20/22 10:30 Matrix: Solid

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 21:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 15:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 03:34	CH	EET MID

Eurofins Midland

EET MID

EET MID

EET MID

Client: Talon/LPE Project/Site: Lewis Unit #1 Job ID: 880-20623-1 SDG: Lea Co., NM

Client Sample ID: S-51 Lab Sample ID: 880-20623-51 Date Collected: 10/20/22 10:32

Matrix: Solid

Date Received: 10/21/22 12:10

	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	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 16:30	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 03:39	CH	EET MID

Client Sample ID: S-52 Lab Sample ID: 880-20623-52

Date Collected: 10/20/22 10:34 **Matrix: Solid** Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 23:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 16:52	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 03:53	CH	EET MID

Client Sample ID: S-53 Lab Sample ID: 880-20623-53 Date Collected: 10/20/22 10:36 Matrix: Solid

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/29/22 23:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 17:13	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		5			37789	10/26/22 03:58	CH	EET MID

Client Sample ID: S-54 Lab Sample ID: 880-20623-54

Date Collected: 10/20/22 10:38 Date Received: 10/21/22 12:10

[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	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/30/22 00:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID

Eurofins Midland

Matrix: Solid

Lab Chronicle

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: S-54 Lab Sample ID: 880-20623-54

Date Collected: 10/20/22 10:38 Matrix: Solid
Date Received: 10/21/22 12:10

	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			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 17:35	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		5			37789	10/26/22 04:03	CH	EET MID

Client Sample ID: S-55

Date Collected: 10/20/22 10:40

Lab Sample ID: 880-20623-55

Matrix: Solid

Date Received: 10/21/22 12:10

	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	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/30/22 00:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 17:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 04:08	CH	EET MID

Client Sample ID: S-56

Date Collected: 10/20/22 10:42

Lab Sample ID: 880-20623-56

Matrix: Solid

Date Received: 10/21/22 12:10

	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	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/30/22 00:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 18:18	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 04:13	CH	EET MID

Client Sample ID: S-57

Date Collected: 10/20/22 10:44

Lab Sample ID: 880-20623-57

Matrix: Solid

Date Received: 10/21/22 12:10

	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	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/30/22 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g 1 uL	10 mL 1 uL	37621 37607	10/24/22 09:05 10/24/22 18:39	DM SM	EET MID EET MID

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Job ID: 880-20623-1

SDG: Lea Co., NM

Client Sample ID: S-57

Date Received: 10/21/22 12:10

Project/Site: Lewis Unit #1

Client: Talon/LPE

Lab Sample ID: 880-20623-57 Date Collected: 10/20/22 10:44

Matrix: Solid

Batch Batch Dil Initial Batch Final Prepared Method **Factor** Number or Analyzed **Prep Type** Type Run **Amount** Amount Analyst Soluble DI Leach 5.03 g 50 mL 37563 10/22/22 12:31 SMC EET MID Leach Soluble 300.0 37789 10/26/22 04:17 CH Analysis **EET MID** 1

Client Sample ID: S-58 Lab Sample ID: 880-20623-58

Matrix: Solid

Date Collected: 10/20/22 10:46 Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/30/22 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 19:01	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 04:32	CH	EET MID

Client Sample ID: S-59 Lab Sample ID: 880-20623-59

Date Collected: 10/20/22 10:48 Matrix: Solid

Date Received: 10/21/22 12:10

	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	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/30/22 01:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 19:22	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 04:37	CH	EET MID

Client Sample ID: S-60 Lab Sample ID: 880-20623-60 Date Collected: 10/20/22 10:50 Matrix: Solid

Date Received: 10/21/22 12:10

	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	37681	10/24/22 13:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38164	10/30/22 02:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 09:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37621	10/24/22 09:05	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37607	10/24/22 19:43	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 04:51	CH	EET MID

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20623-1

Client: Talon/LPE Job ID: 880-20623-1
Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: S-61 Lab Sample ID: 880-20623-61

Date Collected: 10/20/22 10:52 Matrix: Solid
Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	38059	10/29/22 10:43	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37641	10/24/22 11:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 22:37	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 04:56	CH	EET MID

Client Sample ID: S-62 Lab Sample ID: 880-20623-62

Date Collected: 10/20/22 10:54 Matrix: Solid
Date Received: 10/21/22 12:10

Batch Batch Dil Initial Final Batch Prepared Method Number **Prep Type** Type Run **Factor Amount** Amount or Analyzed **Analyst** Lab Total/NA Prep 5035 5 mL 37682 10/24/22 13:56 MNR EET MID 5.02 g Total/NA 8021B 5 mL 38059 10/29/22 11:03 AJ **EET MID** Analysis 10 5 mL Total/NA Total BTEX Analysis 38090 10/31/22 10:08 SM **EET MID** 1 Total/NA 8015 NM **EET MID** Analysis 1 37632 10/25/22 10:41 SM Total/NA Prep 8015NM Prep 10.03 g 10 mL 37641 10/24/22 11:10 DM **EET MID** Total/NA 8015B NM 37605 Analysis 1 uL 1 uL 10/24/22 22:59 SM **EET MID** Soluble 50 mL 37563 Leach DI Leach 4.97 g 10/22/22 12:31 SMC **EET MID**

Client Sample ID: S-63

Date Collected: 10/20/22 10:56

Lab Sample ID: 880-20623-63

Matrix: Solid

1

37789

10/26/22 05:01 CH

Date Received: 10/21/22 12:10

Analysis

300.0

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	38059	10/29/22 11:24	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37641	10/24/22 11:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 23:21	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 05:06	CH	EET MID

Client Sample ID: S-64 Lab Sample ID: 880-20623-64

Date Collected: 10/20/22 10:58 Date Received: 10/21/22 12:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	38059	10/29/22 12:29	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID

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Matrix: Solid

EET MID

Client: Talon/LPE

Project/Site: Lewis Unit #1

Job ID: 880-20623-1

SDG: Lea Co., NM

Client Sample ID: S-64 Lab Sample ID: 880-20623-64 Date Collected: 10/20/22 10:58

Matrix: Solid

Date Received: 10/21/22 12:10

	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			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37641	10/24/22 11:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/24/22 21:32	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 05:11	CH	EET MID

Client Sample ID: S-65 Lab Sample ID: 880-20623-65

Date Collected: 10/20/22 11:00 **Matrix: Solid** Date Received: 10/21/22 12:10

Batch Dil Initial **Final Batch** Batch Prepared Method Amount Amount Number **Prep Type** Type Run **Factor** or Analyzed Analyst Lab Total/NA 5035 37682 Prep 5.05 g 5 mL 10/24/22 13:56 MNR **EET MID** Total/NA Analysis 8021B 10 5 mL 5 mL 38059 10/29/22 12:50 AJ **EET MID** Total/NA Analysis Total BTEX 38090 10/31/22 10:08 SM **EET MID** 1 Total/NA 8015 NM 37632 Analysis 10/25/22 10:41 SM **EET MID** Total/NA Prep 10.02 g 37641 10/24/22 11:10 DM **EET MID** 8015NM Prep 10 mL Total/NA 8015B NM 37605 Analysis 1 uL 1 uL 10/24/22 23:43 SM **EET MID** Soluble Leach DI Leach 4.99 g 50 mL 37563 10/22/22 12:31 SMC **EET MID** 300.0 37789 10/26/22 05:16 CH **EET MID** Soluble Analysis 1

Client Sample ID: S-66 Lab Sample ID: 880-20623-66

Date Collected: 10/20/22 11:02 Matrix: Solid Date Received: 10/21/22 12:10

	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	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	38059	10/29/22 13:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37641	10/24/22 11:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/25/22 00:26	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 05:20	CH	EET MID

Client Sample ID: NSW-1 Lab Sample ID: 880-20623-67 Date Collected: 10/19/22 14:30 **Matrix: Solid**

Date Received: 10/21/22 12:10

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 09:21	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g 1 uL	10 mL 1 uL	37641 37605	10/24/22 11:10 10/25/22 00:47	DM SM	EET MID EET MID

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Lab Chronicle

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: NSW-1

Date Collected: 10/19/22 14:30 Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-67

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 00:24	СН	EET MID

Lab Sample ID: 880-20623-68 **Client Sample ID: NSW-2** Matrix: Solid

Date Collected: 10/19/22 14:32 Date Received: 10/21/22 12:10

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 09:41	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37641	10/24/22 11:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/25/22 00:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 00:38	CH	EET MID

Lab Sample ID: 880-20623-69 **Client Sample ID: NSW-3 Matrix: Solid**

Date Collected: 10/19/22 14:34

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 10:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37641	10/24/22 11:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/25/22 01:09	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 00:43	CH	EET MID

Lab Sample ID: 880-20623-70 **Client Sample ID: NSW-4** Date Collected: 10/19/22 14:36 Matrix: Solid

Date Received: 10/21/22 12:10

	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	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 10:22	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37641	10/24/22 11:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/25/22 01:30	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 00:48	CH	EET MID

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Client Sample ID: NSW-5

Project/Site: Lewis Unit #1

Client: Talon/LPE

Lab Sample ID: 880-20623-71

Matrix: Solid

Date Collected: 10/19/22 14:38 Date Received: 10/21/22 12:10

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 15:14	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37641	10/24/22 11:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/25/22 03:39	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 00:53	CH	EET MID

Client Sample ID: NSW-6 Lab Sample ID: 880-20623-72 Date Collected: 10/19/22 14:40

Date Received: 10/21/22 12:10

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Method Number **Prep Type** Type Run **Factor Amount** Amount or Analyzed **Analyst** Lab Total/NA Prep 5035 5 mL 37682 10/24/22 13:56 MNR EET MID 5.03 g Total/NA 8021B 5 mL 38059 10/29/22 15:56 AJ **EET MID** Analysis 5 mL 1 Total/NA Total BTEX Analysis 38090 10/31/22 10:08 SM **EET MID** 1 Total/NA 8015 NM **EET MID** Analysis 1 37632 10/25/22 10:41 SM Total/NA Prep 8015NM Prep 10.01 g 10 mL 37641 10/24/22 11:10 DM **EET MID** Total/NA 8015B NM 1 uL 37605 Analysis 1 uL 10/25/22 04:00 SM **EET MID** Soluble 50 mL 37564 Leach DI Leach 5 g 10/22/22 12:34 SMC **EET MID** Soluble 300.0 37799 10/26/22 01:07 CH Analysis 1 **EET MID**

Client Sample ID: ESW-1 Lab Sample ID: 880-20623-73 Date Collected: 10/19/22 14:42 Matrix: Solid

Date Received: 10/21/22 12:10

	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	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 16:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37641	10/24/22 11:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/25/22 02:13	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 01:12	CH	EET MID

Client Sample ID: SSW-1 Lab Sample ID: 880-20623-74 Date Collected: 10/19/22 14:30 Matrix: Solid

Date Received: 10/21/22 12:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035		1 40101	5.01 g	5 mL	37682	10/24/22 13:56		EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 16:37	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID

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SDG: Lea Co., NM

Lab Sample ID: 880-20623-74

Matrix: Solid

Client Sample ID: SSW-1 Date Collected: 10/19/22 14:30 Date Received: 10/21/22 12:10

Project/Site: Lewis Unit #1

Client: Talon/LPE

		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			37632	10/25/22 10:41	SM	EET MID
	Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37641	10/24/22 11:10	DM	EET MID
	Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/25/22 03:17	SM	EET MID
	Soluble	Leach	DI Leach			4.98 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
L	Soluble	Analysis	300.0		1			37799	10/26/22 01:17	СН	EET MID

Client Sample ID: SSW-2 Lab Sample ID: 880-20623-75 Date Collected: 10/19/22 14:32 **Matrix: Solid**

Date Received: 10/21/22 12:10

Batch Dil Initial **Final Batch** Batch Prepared Method Amount Amount Number **Prep Type** Type Run **Factor** or Analyzed Analyst Lab Total/NA 5035 37682 Prep 4.97 g 5 mL 10/24/22 13:56 MNR **EET MID** Total/NA Analysis 8021B 5 mL 5 mL 38059 10/29/22 14:32 AJ **EET MID** 1 Total/NA Analysis Total BTEX 1 38090 10/31/22 10:08 SM **EET MID** Total/NA 8015 NM 37632 Analysis 10/25/22 10:41 SM **EET MID** Total/NA Prep 8015NM Prep 10.01 g 10 mL 37641 10/24/22 11:10 DM **EET MID** Total/NA 8015B NM 37605 10/25/22 02:34 SM Analysis 1 uL 1 uL **EET MID** Soluble Leach DI Leach 4.99 g 50 mL 37564 10/22/22 12:34 SMC **EET MID** Analysis 300.0 37799 10/26/22 01:22 CH **EET MID** Soluble 1

Client Sample ID: SSW-3 Lab Sample ID: 880-20623-76 Date Collected: 10/19/22 14:34 **Matrix: Solid**

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 14:53	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37641	10/24/22 11:10	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37605	10/25/22 02:56	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 01:27	CH	EET MID

Client Sample ID: SSW-5 Lab Sample ID: 880-20623-78

Date Collected: 10/19/22 14:38 Date Received: 10/21/22 12:10

Prep Type Total/NA Total/NA	Batch Type Prep Analysis	Batch Method 5035 8021B	Run	Dil Factor	Initial Amount 5.03 g 5 mL	Final Amount 5 mL 5 mL	Batch Number 37682 38059	Prepared or Analyzed 10/24/22 13:56 10/29/22 17:18	Analyst MNR A.J	Lab EET MID
Total/NA Total/NA	Analysis Analysis	Total BTEX 8015 NM		1 1	JIIL	JIIL	38090 37632	10/31/22 10:08 10/25/22 10:41	SM SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g 1 uL	10 mL 1 uL	37641 37605	10/24/22 11:10 10/25/22 04:22	DM SM	EET MID EET MID

Eurofins Midland

Matrix: Solid

Lab Chronicle

Client: Talon/LPE Job ID: 880-20623-1 Project/Site: Lewis Unit #1 SDG: Lea Co., NM

Client Sample ID: SSW-5

Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-78 Date Collected: 10/19/22 14:38

Matrix: Solid

Batch Batch Dil Initial Batch **Final** Prepared **Prep Type** Method **Factor** Number or Analyzed Type Run **Amount** Amount Analyst Soluble Leach DI Leach 5.03 g 50 mL 37564 10/22/22 12:34 SMC EET MID Soluble 300.0 37799 10/26/22 01:31 CH Analysis **EET MID** 1

Client Sample ID: SSW-6 Lab Sample ID: 880-20623-79

Date Collected: 10/19/22 14:40 **Matrix: Solid**

Date Received: 10/21/22 12:10

	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	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	38059	10/29/22 17:39	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/24/22 09:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37503	10/21/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37444	10/22/22 03:25	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 01:46	CH	EET MID

Client Sample ID: SSW-6A Lab Sample ID: 880-20623-80

Date Collected: 10/19/22 14:42 Matrix: Solid

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	38059	10/29/22 17:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/24/22 09:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37503	10/21/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37444	10/22/22 03:46	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 01:51	CH	EET MID

Client Sample ID: SSW-7 Lab Sample ID: 880-20623-81 Date Collected: 10/19/22 14:44 Matrix: Solid

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/29/22 16:58	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/24/22 09:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37503	10/21/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37444	10/22/22 04:07	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 02:05	CH	EET MID

Eurofins Midland

Job ID: 880-20623-1

SDG: Lea Co., NM

Client Sample ID: SSW-8

Date Received: 10/21/22 12:10

Project/Site: Lewis Unit #1

Client: Talon/LPE

Lab Sample ID: 880-20623-82 Date Collected: 10/20/22 12:08

Matrix: Solid

Batch Dil Batch Batch Initial **Final Prepared** Method Number or Analyzed **Prep Type** Type Run **Factor Amount** Amount Analyst Lab Total/NA 5035 38025 10/27/22 14:45 MNR EET MID Prep 5.01 g 5 mL Total/NA 8021B 5 mL 38039 10/27/22 21:54 MNR Analysis 1 5 mL EET MID Total/NA Analysis **Total BTEX** 38090 10/28/22 11:07 SM **EET MID** 8015 NM Total/NA Analysis 1 37632 10/24/22 09:48 SM **EET MID** 37503 Total/NA Prep 8015NM Prep 10.01 g 10 mL 10/21/22 13:50 DM **EET MID** Total/NA 8015B NM **EET MID** Analysis 1 uL 1 uL 37444 10/22/22 04:27 SM Soluble 37564 Leach DI Leach 5.01 g 50 mL 10/22/22 12:34 SMC **EET MID** 10/26/22 02:10 CH Soluble 300.0 37799 **EET MID** Analysis 1

Client Sample ID: WSW-1 Lab Sample ID: 880-20623-83

Date Collected: 10/20/22 12:10 **Matrix: Solid**

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	38025	10/27/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38039	10/27/22 22:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/28/22 11:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/24/22 09:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37503	10/21/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37444	10/22/22 02:02	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 02:15	CH	EET MID

Client Sample ID: WSW-2 Lab Sample ID: 880-20623-84 Date Collected: 10/20/22 12:12 Matrix: Solid

Date Received: 10/21/22 12:10

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	38061	10/28/22 09:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38058	10/28/22 12:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/30/22 22:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/24/22 09:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37503	10/21/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37444	10/22/22 02:22	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 02:20	CH	EET MID

Client Sample ID: NSW-7 Lab Sample ID: 880-20623-85

Date Collected: 10/20/22 12:14 Date Received: 10/21/22 12:10

	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	38025	10/27/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38039	10/27/22 23:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/28/22 11:07	SM	EET MID

Eurofins Midland

Matrix: Solid

Released to Imaging: 9/12/2023 10:39:29 AM

Lab Chronicle

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Client Sample ID: NSW-7 Lab Sample ID: 880-20623-85

Matrix: Solid

Date Collected: 10/20/22 12:14 Date Received: 10/21/22 12:10

	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			37632	10/24/22 09:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37503	10/21/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37444	10/22/22 02:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 02:25	CH	EET MID

Client Sample ID: NSW-8

Date Collected: 10/20/22 12:16

Lab Sample ID: 880-20623-86

Matrix: Solid

Date Received: 10/21/22 12:10

_	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	38025	10/27/22 14:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38039	10/27/22 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/28/22 11:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			37632	10/24/22 09:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37503	10/21/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37444	10/22/22 03:04	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 02:30	CH	EET MID

Laboratory References:

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

Eurofins Midland

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Accreditation/Certification Summary

Client: Talon/LPE

Job ID: 880-20623-1

Project/Site: Lewis Unit #1

SDG: Lea Co., NM

Laboratory: Eurofins Midland

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

Authority	Pr	rogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-22-25	12-19-22
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
o ,				
Analysis Method	Prep Method	Matrix	Analyte	
Analysis Method 8015 NM		Matrix Solid	Analyte Total TPH	

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Method Summary

Client: Talon/LPE

Project/Site: Lewis Unit #1

Job ID: 880-20623-1

SDG: Lea Co., NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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:

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

Eurofins Midland

Sample Summary

Client: Talon/LPE

Project/Site: Lewis Unit #1

Job ID: 880-20623-1

SDG: Lea Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-20623-1	S-1	Solid	10/19/22 14:10	10/21/22 12:10	3
880-20623-2	S-2	Solid	10/19/22 14:08	10/21/22 12:10	3
880-20623-3	S-3	Solid	10/19/22 14:00	10/21/22 12:10	3
880-20623-4	S-4	Solid	10/19/22 13:58	10/21/22 12:10	3
880-20623-5	S-5	Solid	10/19/22 13:56	10/21/22 12:10	3
880-20623-6	S-6	Solid	10/19/22 13:54	10/21/22 12:10	3
880-20623-7	S-7	Solid		10/21/22 12:10	
880-20623-8	S-8	Solid		10/21/22 12:10	
880-20623-9	S-9	Solid		10/21/22 12:10	•
880-20623-10	S-10	Solid		10/21/22 12:10	
880-20623-11	S-11	Solid		10/21/22 12:10	
880-20623-12	S-12	Solid		10/21/22 12:10	
880-20623-13	S-13	Solid		10/21/22 12:10	
880-20623-14	S-14	Solid		10/21/22 12:10	
880-20623-15	S-15	Solid		10/21/22 12:10	
880-20623-16	S-16	Solid		10/21/22 12:10	
880-20623-17	S-17	Solid		10/21/22 12:10	
880-20623-17	S-18	Solid		10/21/22 12:10	
880-20623-19	S-19	Solid		10/21/22 12:10	
880-20623-19	S-20	Solid		10/21/22 12:10	
880-20623-21	S-21	Solid		10/21/22 12:10	
	S-22			10/21/22 12:10	
880-20623-22		Solid			
880-20623-23	S-23	Solid			1.5
880-20623-24	S-24	Solid		10/21/22 12:10	
880-20623-25	S-25	Solid		10/21/22 12:10	
880-20623-26	S-26	Solid			1.5
880-20623-27	S-27	Solid			1.5
880-20623-28	S-28	Solid			1.5
880-20623-29	S-29	Solid			1.5
880-20623-30	S-30	Solid			1.5
880-20623-31	S-31	Solid			1.5
880-20623-32	S-32	Solid			1.5
880-20623-33	S-33	Solid			1.5
880-20623-34	S-34	Solid		10/21/22 12:10	
880-20623-35	S-35	Solid		10/21/22 12:10	
880-20623-36	S-36	Solid	10/20/22 10:02	10/21/22 12:10	2
880-20623-37	S-37	Solid	10/20/22 10:04	10/21/22 12:10	2
880-20623-38	S-38	Solid	10/20/22 10:05	10/21/22 12:10	2
880-20623-39	S-39	Solid	10/20/22 10:08	10/21/22 12:10	2
880-20623-40	S-40	Solid	10/20/22 10:10	10/21/22 12:10	2
880-20623-41	S-41	Solid	10/20/22 10:12	10/21/22 12:10	2
880-20623-42	S-42	Solid	10/20/22 10:14	10/21/22 12:10	2
880-20623-43	S-43	Solid	10/20/22 10:16	10/21/22 12:10	2
880-20623-44	S-44	Solid	10/20/22 10:18	10/21/22 12:10	2
880-20623-45	S-45	Solid	10/20/22 10:20	10/21/22 12:10	2
880-20623-46	S-46	Solid	10/20/22 10:22	10/21/22 12:10	2
880-20623-47	S-47	Solid	10/20/22 10:24	10/21/22 12:10	2
880-20623-48	S-48	Solid	10/20/22 10:26	10/21/22 12:10	2
880-20623-49	S-49	Solid	10/20/22 10:28	10/21/22 12:10	2
880-20623-50	S-50	Solid	10/20/22 10:30	10/21/22 12:10	2
880-20623-51	S-51	Solid	10/20/22 10:32	10/21/22 12:10	2
880-20623-52	S-52	Solid		10/21/22 12:10	
880-20623-53	S-53	Solid		10/21/22 12:10	
880-20623-54	S-54	Solid		10/21/22 12:10	
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Sample Summary

Client: Talon/LPE

880-20623-86

NSW-8

Project/Site: Lewis Unit #1

Job ID: 880-20623-1 SDG: Lea Co., NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-20623-56	S-56	Solid	10/20/22 10:42	10/21/22 12:10	2
880-20623-57	S-57	Solid	10/20/22 10:44	10/21/22 12:10	2
880-20623-58	S-58	Solid	10/20/22 10:46	10/21/22 12:10	2
880-20623-59	S-59	Solid	10/20/22 10:48	10/21/22 12:10	2
880-20623-60	S-60	Solid	10/20/22 10:50	10/21/22 12:10	2
880-20623-61	S-61	Solid	10/20/22 10:52	10/21/22 12:10	2
880-20623-62	S-62	Solid	10/20/22 10:54	10/21/22 12:10	2
880-20623-63	S-63	Solid	10/20/22 10:56	10/21/22 12:10	2
880-20623-64	S-64	Solid	10/20/22 10:58	10/21/22 12:10	2
880-20623-65	S-65	Solid	10/20/22 11:00	10/21/22 12:10	2
880-20623-66	S-66	Solid	10/20/22 11:02	10/21/22 12:10	2
880-20623-67	NSW-1	Solid	10/19/22 14:30	10/21/22 12:10	2
880-20623-68	NSW-2	Solid	10/19/22 14:32	10/21/22 12:10	2
880-20623-69	NSW-3	Solid	10/19/22 14:34	10/21/22 12:10	2
880-20623-70	NSW-4	Solid	10/19/22 14:36	10/21/22 12:10	2
880-20623-71	NSW-5	Solid	10/19/22 14:38	10/21/22 12:10	1.5
880-20623-72	NSW-6	Solid	10/19/22 14:40	10/21/22 12:10	1.5
880-20623-73	ESW-1	Solid	10/19/22 14:42	10/21/22 12:10	1.5
880-20623-74	SSW-1	Solid	10/19/22 14:30	10/21/22 12:10	3
880-20623-75	SSW-2	Solid	10/19/22 14:32	10/21/22 12:10	3
880-20623-76	SSW-3	Solid	10/19/22 14:34	10/21/22 12:10	3
880-20623-78	SSW-5	Solid	10/19/22 14:38	10/21/22 12:10	1.5
880-20623-79	SSW-6	Solid	10/19/22 14:40	10/21/22 12:10	4
880-20623-80	SSW-6A	Solid	10/19/22 14:42	10/21/22 12:10	4
880-20623-81	SSW-7	Solid	10/19/22 14:44	10/21/22 12:10	1.5
880-20623-82	SSW-8	Solid	10/20/22 12:08	10/21/22 12:10	2
880-20623-83	WSW-1	Solid	10/20/22 12:10	10/21/22 12:10	2
880-20623-84	WSW-2	Solid	10/20/22 12:12	10/21/22 12:10	2
880-20623-85	NSW-7	Solid	10/20/22 12:14	10/21/22 12:10	2

Solid

10/20/22 12:16 10/21/22 12:10 2

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Environment Testing Xenco

City, State ZIP-

575 746 8768

ddress

408 W Texas Ave

Address.

City, State ZIP-

Bill to (if different)

Company Name

Artesia, NM 88210

Company Name Project Manager

Talon LPE

David Adkins

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

Work Order No: 20025
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

ritoriae 2/2/	5/5 /46 8/68		Email	dadkins@ta	onlpe.	com, k	taylor	@talor	Email dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@	Deliverables EDD	DD ADaPT	Other
Project Name	Lewis Unit #1	7.7	Tum	Turn Around					ANALYSIS REQUEST	REQUEST		Dragoryation Code
Project Number	701048 015 01	9	☑ Routine	Rush	Pres.	٦	٦					Ilba ia
Project Location	Lea Co. NM	\$	Dire Date:		500	Ť	1			+	+	None NO DI Water H ₂ O
Sampler's Name	K. Taylor; M. Gomez	omez	TAT starts the	housean veh a		****	М	0				Cool Cool MeOH Me
PO#:			the lab, if rec	the lab, if received by 4.30pm	-	3	N,	Ò,		_		
SAMPLE RECEIPT	Temp Blank.	Yes Mo	Wet Ice	S N	eten	217		30			_	H ₂ SO ₄ H ₂ NaOH Na
Samples Received Intact.	No No	Thermometer ID:	Ď.	7	am) 6		Ξ,				H3FO4. HF
Cooler Custody Seals	01	Correction Factor	actor	tra	Par	80	30	25				NaHSO ₄ , NABIS
Sample Custody Seals	No NA	Temperature Reading	Readino	2				8				Na ₂ S ₂ O ₃ , NaSO ₃
Total Containers		Corrected Temperature	emperature	(C)		V	H	011				Zn Acetate+NaOH Zn
S			Time		100	11	p.	nl				NaUH+ASCORDIC ACID SAPC
Sample Identification	tion Matrix	Sampled	Sampled	Depth Comp	tont	BT	T	CV				Sample Comments
S-1	S	10/19/22	1410	0	_	X	X	X				DA KA
S-2	S	10/19/22	8041	U C	_	X	X	X				Clara all
S-3	S	10/19/22	1H00	3 0	_	X	X	X				
S-4	S	10/19/22	OB 1359		_	X	X	X				
S-5	S	10/19/22	1356	3	_	X	X	X				
S-6	S	10/19/22	1354		_	X	X	X				
S-7	S	10/19/22	1352	3.	_	X	X	K			880-20623 Chain of Chick	
S-8	S	10/19/22	1350	ω· c	_	X	X	X			-	Cusingy
S-9	S	10/19/22	1348	N C	_	X	X	K				
S-10	S	10/19/22	1346	W C	1	x	X	X				
Total 200.7 / 6010	200.8 / 6020:		8RCRA 13PF	13PPM Texas 11		Sb As	Ba	Ве В	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe	Pb Ma Mn Mo Ni K	Se Au SiO.	Na Sr Ti Sn II V 75
Circle Method(s) and Metal(s) to be analyzed	etal(s) to be analy	zed	TCLP / SP	TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co	RCRA	Sb /	Is Ba	Be C	d Cr Co Cu Pb Mn	Cu Pb Mn Mo Ni Se Ag Ti U		/7470 / 7
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 alable 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 \$3.00 will be applied to each project and a charge of \$5 for each sample submitted in Eurofice.	int and relinquishment in tand relinquishment in liable only for the cosharge of \$85.00 will be	of samples const of samples are applied to each	stitutes a valid p id shall not assu project and a c	urchase order fr ime any respons harge of \$5 for a	om client bility for	any loss	y to Eur	ofins Xe	nco, its affiliates and subcontra	ictors. It assigns standar	d terms and conditions inces beyond the control	
Relinquished by: (Signature)	nature)	Receive	d by: (Sona	nature)	1	Date	Date/Time		Relinguished by: (Signature)	nahire) R	Received by: /Signature	
Cor			my		10)	10/21/22	_	210	2	+		- Constitution
3									4			
5									6			

eurofins 💸

City, State ZIP-

575 746 8768

Artesia, NM 88210 408 W Texas Ave

> Address. Company Name

Bill to (if different)

City, State ZIP:

Address

Company Name Project Manager

Talon LPE

David Adkins

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

Work Order No: _

Reporting Level II Level III PST/UST TRRP Level IV	
	Reporting Level II Level III
Duminghe Common	State of Project:
Program: UST/PST PRP Brownfields RRC Superficial	Program: UST/PST PRP
Vork Order Comments	Work Or

Prione 10/0	2/2 /40 0/08		Email (Email: dadkins@talonipe com, ktaylor@talonipe.com, mgomez@	alonipe	com, i	ktaylor	@taloni	pe.com.	maome	(D)Z	Deli	Deliverables EDD	EDD		ADa	ADaPT	Other-	er.
Project Name	Lewis Unit #1		Tum /	Turn Around	\dashv					ANAI	ANAI YSIS REOI	REQUEST	*				3.1		
Project Number	701048 015.01	_	Routine	Rush	Pres.	,			1				ď		+	+	\dagger	FIRSHI	FIRSHINGLING CODES
Project Location	Lea Co. NM		Dille Date		Code	0	1	1	+	1	1	1	1		+	+	None NO	NO	DI Water: H ₂ O
Sampler's Name.	K Taylor; M Gomez		TAT starts the day received by	day raceiyad	₹		1100			-						_	Coo	Cool Cool	MeOH Me
PO#			the lab if received by 4 30pm	ived by 4 30p	-	-			_								HCL HC	. 공	HNO ₃ HN
SAMPLE RECEIPT	Temp Blank.	¥es €	Wet Ice	3	eters		-										H ₂ S0	H ₂ S0 ₄ H ₂	NaOH Na
Samples Received Intact.		Thermometer ID	Ö	ষ	J			2				_					П3РС	היינים ליינים	
Cooler Custody Seals	e D	Correction Factor	actor		Par			le	_			-0.00					NaH	NaHSO ₄ . NABIS	BIS
Sample Custody Seals	£	Temperature Reading	Reading	5		<u>К</u>	,-	Ň			W						Nazo	Na ₂ S ₂ O ₃ . NaSO ₃	1503
Total Containers		Corrected Te	mperature	7	_	_	7	٥١	_						_	_	Zn A	cetate+	Zn Acetate+NaOH Zn
		corrected remperature	imperature	9.0	1	LI	1	Ú				-11			_	-	NaOI	H+Asco	NaOH+Ascorbic Acid SAPC
Sample Identification	tion Matrix	Date Sampled	Time Sampled	Depth Co	Grab/ # of Comp Cont	4-	TP	Ch									Т	Sampl	Sample Comments
S-11	S	10/19/22	1344	W	C 1	X	X	X	-			+			4	+	1		
S-12	S	10/19/22	12H2	<i>ن</i> نا -	C 1	X	X	X				-	1		4	+	+		
S-13	S	10/19/22	1340	<i>ا</i>	C 1	X	X	X	1			+	1		1	+	\dagger		
S-14	S	10/19/22	1338	ω	C 1	X	X	X	+			-			4	+	\dagger		
S-15	S	10/19/22	1336		C 1	X	X	X	-			1	1		4	+	+		
S-16	S	10/19/22	1334	W	C 1	X	X	X	1	1		+	1		4	+	+		
S-17	S	10/19/22	1333	w	C 1	×	X	x	1	1		+	1		4	+	\dagger		
S-18	S	10/19/22	1330	W	C 1	×	X	X	+			+	7		4	+	\dagger		
S-19	S	10/19/22	1338	W	C 1	X	X	X	+	1		+	1		1	+	\dagger		
S-20	S	10/19/22	1326	W	C 1	X	X	X				-				+	+		
Total 200.7 / 6010	200.8 / 6020:		8RCRA 13PPM Texas 11	M Texas	≥	Sb A	s Ba	Sb As Ba Be B Cd Ca	d Ca C	Cr Co C	Cu Fe	РЬ	Mg Mn Mo	Ni K Se		g SiO	Na S	r TI S	Ag SiO ₂ Na Sr Tl Sn U V Zn
Circle Memod(s) and Metal(s) to be analyzed	etai(s) to be analyz	red	TCLP / SPLP 6010 8RCRA	LP 6010	8RCRA	Sb	As Ba	Be Co	Cr Co	Cu Pt	Mn	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	e Ag	U	Т	g 163	1/245	1/747	Hg 1631/2451/7470/7471
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors, 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 fulfilled. 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	ent and relinquishment o be liable only for the cost charge of \$85.00 will be a	f samples cons of samples and pplied to each	titutes a valid pu d shall not assur project and a ch	rchase order ne any respor arge of \$5 for	from clien isibility for each sam	it compa r any los ple subn	ny to Eu ses or ex nitted to	rofins Xen cpenses in Eurofins)	co, its affilia	ates and s he client if	ubcontra such los		It assigns standard terms and conditions to due to circumstances beyond the control will be anforced unless provides to provide the control of the control o	dard ten	ms and c	onditions he contro			
Relinquished by: (Signature)	gnature)	Received	ed by: (Signature)	ure)	-	Dat	Date/Time		Relina	uished	ov. (Sid	Relinguished by. (Signature)	re) Received by: (Signatur	Recei	ved hv	Received by: (Signature	ture)	4	
S	X					10/21/22	28	12002	200				\dagger	1	1000	(0.8)	(0,0)	+	Date/IIIIe
3					-			4					1					+	
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Environment Testing

Chain of Custody

Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300

Reporting Level III Level III PST/UST TRRP Level IV	City, State ZIP
State of Project:	Address
Program: UST/PST ☐ PRP☐ Brownfields ☐ RRC ☐ Superfund ☐	Company Name
Work Order Comments	Bill to (if different)
www.xenco.com Page of	
	Hobbs NM (575) 392-7550, Carlsbad NM (575) 988-3199
	EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Work Order No: 70625	Midland TX (432) 704-5440 San Antonio TX (210) 509-3334

Address Company Name.

408 W Texas Ave Talon LPE David Adkins

Artesia, NM 88210

Project Manager

City, State ZIP-

575 746 8768

Email: dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@

ANALYSIS REQUEST

Deliverables EDD

ADaPT

None NO

Preservative Codes

Project Name

roject Number

701048 015 01 Lewis Unit #1

Routine

Rush

Turn Around

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		,	4					<u> </u>	
2			121/22 1216 2	10/2			200	X	(M)
Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time R		ture)	ved by: (Signature)	Rec	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.	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 \$55.00 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 negotians.	ompany to Eurofins Xenco, in our one of the control	m client o dlity for a ch sample	me any responsil	es and shall not assueach project and a cl	e cost of sample il be applied to	e liable only for the	of service. Eurofins Xenco will be liable only for the cost of samples construtes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcomtrac of Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These
470 / 7471	TI U Hg: 1631 / 245 1 / 7470 / 7471	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Sb As Ba Be Cd C	CRA	TCLP / SPLP 6010 8RCRA	TCLP / SP	nalyzed	etal(s) to be an	Circle Method(s) and Metal(s) to be analyzed
Sn U V Zn	Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Tl Sn U V Zn	Ca Cr Co Cu Fe Pb Mg Mn Mo	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd	AIS	M Texas 1	8RCRA 13PF		200.8 / 6020:	Total 200.7 / 6010
			XXX	1	1,5 0	2 1306	10/19/22	S	S-30
			XXX		1.5 c		10/19/22	S	S-29
			X X X		1:5 c	2 1310	10/19/22	S	S-28
			XXX	_	1.S c	22 1312	10/19/22	S	S-27
			K K K	_	0.5		10/19/22	S	S-26
			X X X	_	1.5 0	2 13,6	10/19/22	S	S-25
			X X X	_	1.5 c	1318	10/19/22	S	S-24
			X X X		ر ا ا	_	10/19/22	S	S-23
			XXX	_	1.50 0		10/19/22	S	S-22
			X X X	_	ر دي د	2 1324	10/19/22	S	S-21
Sample Comments	Sam		B'	# of Cont	Depth Comp	Time ed Sampled	trix Sampled	ion Matrix	Sample Identification
NaOH+Ascorbic Acid SAPC	NaOH+As		740		3.0	Corrected Temperature	Correcte		Total Containers
NasO ₃	72 Appt 14 Na O		x		3.3	Temperature Reading	NA Temper	Yes No	Sample Custody Seals
NASS	Namo Ca. Nabio		à	Pa	2,0%	Correction Factor	OA Correcti	Yes No O	Cooler Custody Seals.
MARIO	Nation and		25	ram	300	Thermometer ID:	Thermo	Øs No	Samples Received Intact:
NaOH Na	H ₂ S0, H ₂			eter	e N	Wet Ice.	Yes	Temp Blank	SAMPLE RECEIPT
	HCL HC			_	the lab, if received by 4 30pm	the lab, if rece			PO#
	Cool Cool				TAT starts the day received by	TAT starts the	Gomez	K Taylor; M Gomez	Sampler's Name
DI Water H ₂ O	200					Due Date:	Z	Lea Co, NM	Project Location
	Ol annial I		_	Code	100000000000000000000000000000000000000				The second secon

eurofins :

Xenco

Environment Testing

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Chain of Custody

Houston, TX (281) 240-4200 Dallas TX (214) 902-0300 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) 888-3199

City, State ZIP

David Adkins
Talon LPE
408 W Texas Ave
Artesia, NM 88210
575 746 8768

Project Manager Company Name

Company Name

Bill to (if different)

City, State ZIP-

Address

com Page	Work Or	www.xenco.
	der Comment	com Page

Work Order No:

State of Project:

Reporting Level II Level III PST/UST TRRP

Level IV

Prione 5/5	5/5 /46 8/68		Email	dadkins@ta	lonlpe.	com, k	taylor(2)talon	Email: dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@	Deliv	Deliverables EDD	ADaPT 🗆	Other
Project Name	Lewis Unit #1	_	Turn	Turn Around	-				20	FOLIEST		0.	0
Project Number	701048 015 01		Routine	Rush	Pres.								INDA 10
Project Location	Lea Co. NM		Due Date		-	j				+		None NO	DI Water H ₂ O
Sampler's Name	K Taylor; M Gomez		TAT starts the	TAT starts the day received hy								Cool Cool	
PO#:			the lab, if rece	the lab, if received by 4 30pm				_		_		HCL HC	
SAMPLE RECEIPT	Temp Blank.	Yes D	Wet Ice	2	eters							H ₂ S0 ₄ H ₂	H ₂ NaOH Na
Samples Received Intact:	No No	Thermometer ID:	ē	9	am			2			CLIC	H3PO4 HP	=
Cooler Custody Seals	o a	Correction Factor	actor	100	Par			16				NaHSO	NaHSO ₄ NABIS
Sample Custody Seals	No.	Temperature	Donding	3	Τ,	X		١				Na ₂ S ₂ O ₂	Na ₂ S ₂ O ₃ NaSO ₃
otal Containon	(Simporator source	Gilloport	,	T	E	H	DY	_			Zn Acet	Zn Acetate+NaOH Zn
Iotal Containers		Corrected Temperature	emperature.	0.0		7	P	N				NaOH+/	NaOH+Ascorbic Acid SAPC
Sample Identification	ation Matrix	Date Sampled	Time Sampled	Depth Grab/	b/ # of Cont	B	T	Cr				Sa	Sample Comments
S-31	S	10/19/22	1304	1.5 c	_	4	X	X		1			
S-32	S	10/19/22	1362		_	4	X	X		1			
S-33	S	10/19/22	1360	0 5	_	4	X	K		+	1		
S-34	S	10/19/22	1258	-	_	1	5	X		+	1		
S-35	S	10/20/22	0001	ر د	_	+	X	X		1		1	
S-36	S	10/20/22	E001	-	_	X	X	X		+	+		
S-37	S	10/20/22	1001		_	X	X	X		1	1		
S-38	S	10/20/22	1065	4	_	X	X	X		+	+		
S-39	S	10/20/22	1008	υ c	_	X	X	X		+			
S-40	S	10/20/22	1010	2 0	1	4	X	X		1			
Total 200.7 / 6010	200.8 / 6020:	8R	CRA 13PF	8RCRA 13PPM Texas 11		Al Sb As Ba Be	Ва	œ	Cd Ca Cr Co Cu Fe I	Pb Ma I	Pb Ma Mn Mo Ni K Se	Ag SiO, Na Sr TI Sn II V Zn	II Sn II V 7n
Circle Method(s) and Metal(s) to be analyzed	fetal(s) to be analy	zed	TCLP / SPLP 6010		8RCRA	11	s Ba	Be C	Cr Co Cu Pb Mn N	O Ni Se	Ag TI U	Hg 1631/2451/7470/7471	7470 / 7471
Notice. Signature of this docum of service. Eurofins Xenco will I of Eurofins Xenco. A minimum	nent and relinquishment of the cost be liable only for the cost charge of \$85.00 will be	of samples cons t of samples an applied to each	stitutes a valid pu d shall not assu project and a cr	urchase order fr me any respons harge of \$5 for e	om client ibility for ach sam	compan any loss ple subm	y to Eur es or ex itted to E	ofins Xer	Notice. Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontract 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 losse 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 Those is	tors. It assi	tors. It assigns standard terms and conditions as are due to circumstances beyond the control terms will be approved to the second to the seco	d conditions nd the control	
Relinquished by: (Signature)	gnature)	Received	d by: (Signature)	ture)	-	Date	Date/Time			nature)	nature) Received by: (Signatur	Received by: (Signature)	DateTime
£	X.	V D	2			0/21/22	22	12/6	2				Carolina
	7	,						_	4				
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Circle Method(s) and M

Total 200.7 / 6010

S-50 S-49 S-48 S-47 S-46 S-45

otice. Signature of this docum service. Eurofins Xenco will Eurofins Xenco. A minimum

Relinquished by: (Signature)

eceived by: (Signature)

10/24/22 1210

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

💸 eurofins

Address.

Project Manager

Company Name

City, State ZIP-

SAMPLE RECEIPT

Sample Custody Seals.

Cooler Custody Seals. amples Received Intact

otal Containers

Sample Identifica

S-43 S-42 S-41

S-44

Sampler's Name

Project Location

Project Number Project Name

Chain of Custody

Houston, TX (281) 240-4200 Dallas TX (214) 902-0300

eurofins:

Xenco

Environment Testing

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Chain of Custody

	City, State ZIP: Reporting Level III Level III PST/UST TRRP I level IV	Address State of Project:	Company Name Program: UST/PST PRP Brownfields	Bill to (if different) Work Order Comme	www.xenco.com Pag	Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199	EL Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296	Work Order No:	Houston, TX (281) 240-4200 Dallas TX (214) 902-0300	
ם ב	/el III ☐ PST/UST ☐ TRRP ☐ I gyel Iv☐		Program: UST/PST PRP Brownfields RRC Superfund	Work Order Comments	xenco com Page of	` `		order No: 20023		

City, State ZIP

408 W Texas Ave Artesia, NM 88210 Company Name

David Adkins Talon LPE

LIOUE SHOULD	0/0 /40 8/68		Email	dadkins@t	alonipe	com,	ktaylo	r@talo	Email dadkins@talonlpe com, ktaylor@talonlpe com; mgomez@	Deliverables EDD	ADaPT Other	ier -
Project Name	Lewis Unit #1	nit #1	Turr	Turn Around	4	-			000	DIECT	-	
Project Number	701048 015.01	015.01	✓ Routine	Rush	Pres.	*	1			000	Freser	Freservative Codes
Project Location	Lea Co. NM	NN	Dillo Data		00	9	\dagger	1			None NO	DI Water H ₂ O
Sampler's Name	K. Taylor; M Gomez	Gomez	TAT starts th	no day racaiyod	[Cool Cool	MeOH Me
			the lab, if red	the lab, if received by 4 30pm							HCL HC	HNO ₃ HN
SAMPLE RECEIPT	Temp Blank.	K. Yes (No.)	Wet Ice.	No.	eter	-					H ₂ SO ₄ H ₂	NaOH Na
Samples Received Intact:	No ser	4	eter ID:	200	1			S			H3PO4 HP	
-	01	3	n Factor	1 (2)	Par			le			NaHSO4 NABIS	ABIS
Sample Custody Seals.	Yes No	Tempera	Panding	77	1	1	_	il			Na ₂ S ₂ O ₃ NaSO ₃	1503
	- 1	Corrected	Corrected Temperature	2		E	H	ργ			Zn Acetate+NaOH Zn	NaOH Zn
		Consocion	concord i chiberathie	2.0	*	L T	21	10			NaOH+Asco	NaOH+Ascorbic Actd SAPC
Sample Identification		Matrix Sampled	Time d Sampled	Depth Gr	Grab/ # of Comp Cont	B-	Ť	Ch			Samp	Sample Comments
S-51	S	10/20/22	(032	υ c	0	4	X	X				
S-52	S	10/20/22			0	*	X	*			+	
S-53	S	10/20/22		-	0	×	X	<u> </u>				
S-54	S	10/20/22			0	X	X	X				
S-55	S	10/20/22	_	U	C 1	×	X	X			+	
S-56	S	10/20/22		ں د	0	X	X	1			1	
S-57	S	10/20/22		υ	0	X	X	X				
S-58	S	10/20/22	_		0	X	X	Z.				
S-59	S	10/20/22	8491	V	C 1	X	X	X				
S-60	S	10/20/22		U	C 1	X	X	X				
Total 200.7 / 6010	200.8 / 6020:		8RCRA 13PPM Texas 11	PM Texas	11 AI	Sb A	Sb As Ba Be		B Cd Ca Cr Co Cu Fe Pb	Ma Mn Mo Ni K Se Aa	SiO, Na Sr TI Sn II V 75	n V 75
Circle Method(s) and Metal(s) to be analyzed	al(s) to be a	nalyzed	TCLP / SI	TCLP / SPLP 6010 8RCRA	8RCR/	dS A	As B	a Be C			Hg 1631/2451/7470/7471	0 / 7471
lotice: Signature of this document of service. Eurofins Xenco will be in Eurofins Xenco. A minimum cha	It and relinquishr liable only for th arge of \$85.00 w	ment of samples c ne cost of samples fill be applied to e	onstitutes a valid part and shall not ass	purchase order ume any respon charge of \$5 for	from clies sibility for each san	nt compa or any los nple sub	any to E	urofins Xe expenses	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 serve will be according to the control of the cont	are due to circumstances beyond the control	nditions e control	
Relinquished by: (Signature)	iature)	Recei	Receive by: (Signature)	ature)	-	Da	Date/Time	Ō	Relinquished by: (Signature)	ure) Received by: (Signature	(Signature)	DataTimo
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10/19/22 10/19/22 10/19/22 10/19/22 10/20/22

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1434

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		eurofins :	•
Xenco	Surfer results	Environment Testing	
!	Midla	Но	

Chain of Custody

uston, TX (281) 240-4200 Dallas TX (214) 902-0300

City, State ZIP	Address	Company Name	Bill to. (if different)		Hobbs NM (575) 392-755	EL Paso TX (915) 585-34	Midland TX (432) 704-5440
Repo	State	Prog			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
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		1	Work Order No: 20123
ST TRRP Level IV		lds RRC Superfund	nments	Page of	<i>></i>		20623

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Date	Comment of the comment				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by (Signature)	Reinquisned by: (Signature)
	rose cinese previously negonated.				J
	s are due to circumstances beyond the control	curred by the client if such losses are due to circ enco, but not analyzed. These terms will be enfo	reach sample submitted to Eurofins X	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 tarms will be enforced in less provincial and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These tarms will be enforced in less provincial analyzed.	Eurofins Xenco. A minimum charge of \$85.00 v
	rs. It assigns standard terms and conditions	co, its affiliates and subcontractors. It assigns st	from client company to Eurofins Xent	of service. Eurofins Xenco will be liable only for the cost of services as an appropriate to the cost of services as a service services.	service. Eurofins Xenco will be liable only for t
				nent of samples constitutes a valid autobase and	tice. Signature of this document and relinquish
170 / 7471	TI U Hg 1631/2451/7470/7471	Cr Co Cu Pb Mn Mo Ni Se Ag TI U	TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo	1	Circle Method(s) and Metal(s) to be analyzed
ON ON Z	IN IN SO MY SICE NA SI II	The High Hall of the Wall and t			irolo Mothodio) and Matalia to be
2	I S NI V Co A- CIO No Co TI	Id Ca Cr Co Cu Ep Dh Mo Mo	A SD AS BA BA B		

NaOH+Ascorbic Acid SAPC Zn Acetate+NaOH Zn Na₂S₂O₃ NaSO₃ NaHSO, NABIS H₃PO₄ HP

Sample Comments

SAMPLE RECEIPT

Temp Blank

Yes

0

Wet Ice

Parameters

ö

Cooler Custody Seals Samples Received Intact:

Yes

Yes

S 0 No CNA

Corrected Temperature Temperature Reading Correction Factor Thermometer ID:

3.0

BTEX

Chlorides

Sample Custody Seals.

Total Containers

Sample Identification

Matrix

Date

Time

Depth

of

Comp Grab/

S-62

10/20/22 10/20/22

HSOI

80 N

C 0 10/20/22 Sampled

1052 Sampled

0

S-61

S-63

S-64

S-65

SS

10/20/22

C

200

10/20/22

1100 1056 1056

S-66

S

Sampler's Name

K. Taylor; M Gomez

Due Date:

TAT starts the day received by the lab, if received by 4 30pm

oject Location

Project Number

701048 015 01 Lea Co, NM

Routine

Rush

Code

ANALYSIS REQUEST

Deliverables EDD

ADaPT []

Other:

Preservative Codes

DI Water H₂O

HCL. HC

MeOH Me HNO₃ HN NaOH Na

Cool Cool None NO Turn Around

Lewis Unit #1

roject Name

City, State ZIP

575 746 8768

Email

dadkins@talonlpe.com, ktaylor@talonlpe com, mgomez@

Address

408 W Texas Ave Talon LPE

Artesia, NM 88210

Project Manager

David Adkins

Company Name

6

🔅 eurofins Xenco **Environment Testing**

Phone

575 746 8768

Email

Address

City, State ZIP-

Bill to (if different)

Company Name

dadkins@talonipe.com, ktaylor@talonipe com; mgomez@

City, State ZIP-

Artesia, NM 88210 408 W Texas Ave

Address

Company Name. Project Manager

Talon LPE

David Adkins

Lea Co, NM

Project Location

Project Number

701048 015 01 Lewis Unit #1

✓ Routine

Rush

Pres. Code

ANALYSIS REQUEST

None NO

МеОН Ме Di Water H₂0 Preservative Codes

Turn Around

Due Date:

roject Name

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

Work Order No:

www xenco com rage v	of
Work Order Comments	
Program: UST/PST ☐ PRP☐ Brownfields ☐ RRC ☐ Superfund ☐	uperfund [
Reporting Level II 🗌 Level III 🗎 PST/UST 📗 TRRP 📗	Level IV
Deliverables EDD ADaPT Other	

			4						
Data cities	9	- 1	10/2/27 17102	3		July 1	2	7	20
Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time		ure)	Received by: (Signature	70	nature) (//	Relinquished by: (Signature)
	t assigns standard terms and conditions due to circumstances beyond the control will be enforced unless previously negotiated.	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	mpany to Eurofins Xen losses or expenses in submitted to Eurofins)	ty for any sample:	ne any responsibiliarge of \$5 for each	ples and shall not assurt o each project and a ch	ost of sample applied to	liable only for the coarge of \$85.00 will b	f service. Eurofins Xenco will be f Eurofins Xenco. A minimum ch
170 / 7471	Ag TI U Hg 1631/2451/7470/7471	SD AS Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	AS Ba Be Co	Ř	CET / STEF BOTO SKCKA	וענדוטר	7650	it and relinquishmen	otice: Sionature of this documen
Sn U V Zn	Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn	Cd Ca Cr Co Cu Fe Pb Mg Mn	TCIB (SDI D CALL) AI SD AS BA Be B (2 2	M lexas 11	ONCRA ISPE	1790	tal(s) to be anal	Circle Method(s) and Metal(s) to be analyzed
					1	8BCBA 43BB		200 8 / 6020	Total 200.7 / 6010
			X X X	_	H c	122 11442	10/19/22	S	SSW-6A
			X X X	-	0	122 144D	10/19/22	S	SSW-6
			X X X	-	S C	-	10/19/22	S	SSW-5
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			メメメ	1	ω c	1430	10/19/22	S	SSW-1
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			X X X	_	°5 c	22 1HHD	10/19/22	S	NSW-6
2000000			X X	-	is c	122 1438	10/19/22	S	NSW-5
Sample Comments	Sam		B- CI	# of Cont	Depth Comp	e Time	x Sampled	on Matrix	Sample Identification
NaOH+Ascorbic Acid SAPC	NaOH+Aso		TE		2.0	Corrected Temperature	Correc		Total Containers.
Zn Acetate+NaOU Za	Zn Acetate+Nao		ストサイ		2,5	Temperature Reading		Yes No A	Sample Custody Seals.
ABIO ABIO	Nacro Oscar		_	Pa	2.0	Correction Factor		Yes No (N)A	Cooler Custody Seals
	Nouso M		e	ram	200	Thermometer ID	Thermo	(yes No	Samples Received Intact:
NaOH: Na	12504. H2		2	eter	€ No	Wet Ice	Yes Que	Temp Blank	SAMPLE RECEIPT
HNO ₃ . HN			_	8	the lab, if received by 4 30pm	the lab, if rece			PO#:
меон ме			_		TAT starts the day received by	TAT starts the	omez	K. Taylor; M Gomez	Sampler's Name
		_	_			Cac Daire.	1		The second name of the second na

Phone.

575 746 8768

City, State ZIP Address

Artesia, NM 88210 408 W. Texas Ave Talon LPE

Project Manager Company Name

David Adkins

Bill to (if different)

Company Name

Sampler's Name

K. Taylor; M Gomez

TAT starts the day received by the lab if received by 4 30pm

Lea Co, NM

701048 015 01 Lewis Unit #1

☑Routine

Rush

Code

ANALYSIS REQUEST

Deliverables EDD

ADaPT []

Cool Cool HCL HC H₂SO₄ H₂

MeOH Me HNO₃ HN NaOH Na

None NO

DI Water: H₂O

Preservative Codes

Turn Around

dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@

City, State ZIP-

Project Location Project Number Project Name

	20101110	eurofine
Xenco Yenco	Fryironmont Toction	
Midland TX (432) 704-5440, San Antonio TX (210) 509-3334	Houston, TX (281) 240-4200 Dallas TX (214) 902-0300	Chain of Custody

Hobbs NM (575) 392-7550 Carlsbad NM (575) 9 aso, IX (915) 585-3443 Lubbock, TX (806)

St	P.	88-3199)2-0300 509-3334 94-1296
State of Project:	Work Order Comments	www xenco com	Work Order No:
State of Project:	omments	Page 9 of 9	201023

	5
/2m 2	
Date/Time Relinquished by: (Signature) Received by: (Signature)	Relinquished by: (Signature) Received by: (Signature)
curvins xerico, its armilates and subcontractors. It assigns standard terms and concere specially the client if such losses are due to circumstances beyond the concered by the client if such losses are due to circumstances beyond the concerns will be enforced unless previously.	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 \$5.00 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.
Tg. 1631/2451/14/0/7477	Notice: Signature of this document and relinguishment of samples constitutes a walld accompany
х Se	Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA
	200 8 / 6000
X	NSW-8 S 10/20/22 1216
× /	
X	1210
X	SSW-8 S 10/20/22 1268 2
**	SSW-7 S 10/19/22 1444 165
C	Sample Identification Matrix Sampled Sampled Depth
h\\ 	Total Containers Corrected Temperature
700	Sample Custody Seals Yes No (I/A) Temperature Reading
6	Cooler Custody Seals Yes No (N/A Correction Factor
16'	No Thermometer ID:
2	SAMPLE RECEIPT Temp Blank. Yes No Wet ice Yes
	Temp Blank Yes No Wat lo

Login Sample Receipt Checklist

Client: Talon/LPE Job Number: 880-20623-1 SDG Number: Lea Co., NM

List Source: Eurofins Midland Login Number: 20623

List Number: 1

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	

Eurofins Midland

Released to Imaging: 9/12/2023 10:39:29 AM



November 15, 2022

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1 - PASTURE

Enclosed are the results of analyses for samples received by the laboratory on 11/10/22 15:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: 11/15/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: SSW - 8 (2') (H225346-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.98	99.1	2.00	2.46	
Toluene*	<0.050	0.050	11/13/2022	ND	2.17	109	2.00	1.66	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	2.02	101	2.00	1.68	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.06	101	6.00	2.08	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2022	ND	208	104	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	202	101	200	0.260	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119	% 46.3-17	8						

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



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/10/2022

Reported: Sampling Type: Soil 11/15/2022

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: SSW - 9 (H225346-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/13/2022	ND	1.98	99.1	2.00	2.46	
Toluene*	<0.050	0.050	11/13/2022	ND	2.17	109	2.00	1.66	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	2.02	101	2.00	1.68	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	6.06	101	6.00	2.08	
Total BTEX	<0.300	0.300	11/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2022	ND	208	104	200	1.94	
DRO >C10-C28*	19.0	10.0	11/11/2022	ND	202	101	200	0.260	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					
Surrogate: 1-Chlorooctane	104 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	123 9	6 46.3-17	8						

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 whatsoever 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.

Celeg D. Keene



Notes and Definitions

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

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Celeg D. Keine

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



□ No Corrected Temp. °C	Correction Factor -0.6°C	Tyes Tyes	Corrected Temp. °C 4.2 Pves Tves Temporary Correction Factor -0.6°C Correction Factor -0.6°C	Sampler - UPS - Bus - Other: C
Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C	ne:	n CHECKED BY: (Initials)		Delivered By: (Circle One) 0
				Veilidusida pi
	REMARKS:	M drawy	Date: Received By:	JOHNS MININ
se provide Email address:	en	The top	/1-10-22 Received by:	Relinquished By:
□ No Add'l Phone #:	Verbal Result: Yes	such claim is based upon any of the above stated reas	e of services hereunder by Cardinal, regardless of whether such claim is be	service. In no event stall caronies on make of endermine of affinishes or successors arising out of or related to the performance
	completion of the applicable ent, its subsidiaries,	n writing and received by Cardinat within 30 days after terruptions, loss of use, or loss of profits incurred by cli	ents excusive retirely to any common content made cause whatsoever shall be deemed waived unless made couseful damages, including without limitation, business in	PLEASE NOTE: Liability and Damages, Cardinats satisfying and centre excusers remove that he deemed without unless made in writing and received by Cardinat within 30 days after completion of the applicable analyses. All claims including those for negligence and any other causes whater stall be deemed without unless made in writing and received by Cardinat within 30 days after completion of the applicable analyses. All claims including those for negligence and any other causes whater stall be deemed without unless made in writing and received by Cardinat within 30 days after completion of the applicable.
	by the client for the	in contract or tort, shall be limited to the amount paid	the same of the sa	a Salar and a second for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the
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	P	DGE HER D/BA / CC HER	NTA DUNI STEV	
	E) H lovi	SE:		Lab I.D. Sample I.D.
	(ER	
		RIX PRESERV. SAMPLING	MATRIX	7
		Fax #:		
		Phone #:		
		State: Zip:	# 1 - Pasture	Project Name: Aspen Lewis #
		City:	Project Owner:	Project #:
		Address:	Fax #:	Phone #:
		Attn:	State: ///// Zip:	5
		Company:	Ave	ex
		P.O. #:	Adkiras	David
ANAL SIS REGUES!		BILL TO		Company Name: Talan 10F
			X (575) 393-2476	(575) 393-2326 FAX (575) 393-2476

Page 5 of 5



October 31, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LEWIS UNIT #01

Enclosed are the results of analyses for samples received by the laboratory on 10/24/22 14:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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



Analytical Results For:

TALON LPE
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 10/24/2022
 Sampling Date:
 10/21/2022

 Reported:
 10/31/2022
 Sampling Type:
 Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 1 10' (H224989-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2022	ND	1.95	97.7	2.00	11.3	
Toluene*	<0.050	0.050	10/30/2022	ND	2.12	106	2.00	11.9	
Ethylbenzene*	<0.050	0.050	10/30/2022	ND	2.10	105	2.00	12.5	
Total Xylenes*	<0.150	0.150	10/30/2022	ND	6.28	105	6.00	12.4	
Total BTEX	<0.300	0.300	10/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	10/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2022	ND	201	100	200	0.488	
DRO >C10-C28*	38.1	10.0	10/28/2022	ND	177	88.5	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Celeg D. Keene



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/24/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Project Number: 701048.015.01 Sample Received By: Shalyn Rodriguez

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 1 16' (H224989-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2022	ND	1.95	97.7	2.00	11.3	
Toluene*	<0.050	0.050	10/30/2022	ND	2.12	106	2.00	11.9	
Ethylbenzene*	<0.050	0.050	10/30/2022	ND	2.10	105	2.00	12.5	
Total Xylenes*	< 0.150	0.150	10/30/2022	ND	6.28	105	6.00	12.4	
Total BTEX	<0.300	0.300	10/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	10/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2022	ND	201	100	200	0.488	
DRO >C10-C28*	20.5	10.0	10/28/2022	ND	177	88.5	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	87.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.4	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/24/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022 Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact

Shalyn Rodriguez Project Number: 701048.015.01 Sample Received By:

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 1 20' (H224989-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2022	ND	1.95	97.7	2.00	11.3	
Toluene*	<0.050	0.050	10/30/2022	ND	2.12	106	2.00	11.9	
Ethylbenzene*	<0.050	0.050	10/30/2022	ND	2.10	105	2.00	12.5	
Total Xylenes*	< 0.150	0.150	10/30/2022	ND	6.28	105	6.00	12.4	
Total BTEX	<0.300	0.300	10/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	10/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2022	ND	201	100	200	0.488	
DRO >C10-C28*	16.9	10.0	10/28/2022	ND	177	88.5	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	85.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.0	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 10/24/2022 Sampling Date: 10/21/2022

Reported: Sampling Type: Soil 10/31/2022

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: 701048.015.01 Sample Received By:

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: BH - 1 24' (H224989-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2022	ND	1.95	97.7	2.00	11.3	
Toluene*	<0.050	0.050	10/30/2022	ND	2.12	106	2.00	11.9	
Ethylbenzene*	<0.050	0.050	10/30/2022	ND	2.10	105	2.00	12.5	
Total Xylenes*	<0.150	0.150	10/30/2022	ND	6.28	105	6.00	12.4	
Total BTEX	<0.300	0.300	10/30/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	10/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2022	ND	201	100	200	0.488	
DRO >C10-C28*	21.2	10.0	10/28/2022	ND	177	88.5	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					
Surrogate: 1-Chlorooctane	117 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127 9	46.3-17	8						

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Celey D. Keine



Notes and Definitions

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

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Celey D. Keine

Relinquished By:

Matthan Gomes

Relinquished By:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name: Talon LPE ANALYSIS REQUEST ANALYSIS REQUEST
Project Manager: D. Adkins
Address: 408 W. Texas Ave Company:
city: Artesia state: NM zip: 88210 Attn:
Phone #: 575.746.8768 Fax #: Address:
Project #: 701048.015.01 Project Owner: Aspen City:
77
Project Location: Lea County, NM Phone #:
/lor Fax#:
MATRIX PRESERV. SAMPLING
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE TIME
BH-1 10' 6 1 X X 10/21/22

10.20

Sampler - UPS -

Bus - Other:

Delivered By: (Circle One)

Time:

CHECKED BY:

Received By:

Phone Result: Fax Result: REMARKS:

□ Yes

□ No

Add'l Phone #:

atalonipe.com,

churs

myomeza) talon lac.com, htaylor Ladkins@bolonlpe.com



November 16, 2022

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1

Enclosed are the results of analyses for samples received by the laboratory on 11/10/22 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

 Received:
 11/10/2022
 Sampling Date:
 11/09/2022

 Reported:
 11/16/2022
 Sampling Type:
 Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: TATUM, NM

Sample ID: S - 62 A (3') (H225352-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.00	99.8	2.00	0.859	
Toluene*	<0.050	0.050	11/14/2022	ND	2.11	105	2.00	0.598	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	2.05	102	2.00	0.489	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	6.21	104	6.00	0.194	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	11/14/2022	ND	217	109	200	7.62	
DRO >C10-C28*	3110	50.0	11/14/2022	ND	231	115	200	7.63	
EXT DRO >C28-C36	287	50.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	224	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: TATUM, NM

Sample ID: S - 65 A (3') (H225352-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.01	101	2.00	8.10	
Toluene*	<0.050	0.050	11/14/2022	ND	2.08	104	2.00	8.31	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	2.06	103	2.00	8.28	
Total Xylenes*	0.288	0.150	11/14/2022	ND	6.29	105	6.00	8.32	GC-NC1
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	59.4	50.0	11/14/2022	ND	217	109	200	7.62	
DRO >C10-C28*	2810	50.0	11/14/2022	ND	231	115	200	7.63	
EXT DRO >C28-C36	196	50.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	197	% 46.3-17	8						

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Celey D. Keene



11/09/2022

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022

Reported: 11/16/2022 Sampling Type: Soil Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Sampling Date:

Project Location: TATUM, NM

Sample ID: S - 65 A (4') (H225352-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.01	101	2.00	8.10	
Toluene*	<0.050	0.050	11/14/2022	ND	2.08	104	2.00	8.31	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	6.29	105	6.00	8.32	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.3	10.0	11/14/2022	ND	217	109	200	7.62	
DRO >C10-C28*	963	10.0	11/14/2022	ND	231	115	200	7.63	
EXT DRO >C28-C36	74.5	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	118 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	166	% 46.3-17	8						

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Celeg D. Keene



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 11/10/2022
 Sampling Date:
 11/09/2022

 Reported:
 11/16/2022
 Sampling Type:
 Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: TATUM, NM

Sample ID: NSW - 2 (1') (H225352-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.01	101	2.00	8.10	
Toluene*	<0.050	0.050	11/14/2022	ND	2.08	104	2.00	8.31	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	2.06	103	2.00	8.28	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	6.29	105	6.00	8.32	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	217	109	200	7.62	
DRO >C10-C28*	<10.0	10.0	11/14/2022	ND	231	115	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	111 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	126	% 46.3-17	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: S - 29 A (2.5') (H225352-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.01	101	2.00	8.10	
Toluene*	<0.050	0.050	11/14/2022	ND	2.08	104	2.00	8.31	GC-NC
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	2.06	103	2.00	8.28	
Total Xylenes*	1.43	0.150	11/14/2022	ND	6.29	105	6.00	8.32	GC-NC1
Total BTEX	1.43	0.300	11/14/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	172	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	178	10.0	11/14/2022	ND	198	98.9	200	6.12	QM-07
DRO >C10-C28*	3210	10.0	11/14/2022	ND	213	106	200	17.4	QM-07
EXT DRO >C28-C36	313	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	159	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: S - 30 A (2.5') (H225352-06)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.01	101	2.00	8.10	
Toluene*	<0.050	0.050	11/14/2022	ND	2.08	104	2.00	8.31	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	2.06	103	2.00	8.28	
Total Xylenes*	0.502	0.150	11/14/2022	ND	6.29	105	6.00	8.32	GC-NC1
Total BTEX	0.502	0.300	11/14/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	130 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	27.4	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	1090	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	118	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date:

11/09/2022 Reported: Sampling Type: Soil 11/16/2022

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: S - 32 A (2.5') (H225352-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	2.01	101	2.00	8.10	
Toluene*	<0.050	0.050	11/14/2022	ND	2.08	104	2.00	8.31	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	2.06	103	2.00	8.28	
Total Xylenes*	0.577	0.150	11/14/2022	ND	6.29	105	6.00	8.32	GC-NC1
Total BTEX	0.577	0.300	11/14/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	141	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	52.7	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	1680	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	166	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	78						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: S - 34 A (2.5') (H225352-08)

Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC	BTEX 8021B	mg	/kg	Analyze	d By: JH					
Toluene* < 0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 11/14/2022 ND 1.95 97.3 2.00 Total Xylenes* <0.150 0.150 11/14/2022 ND 5.87 97.9 6.00 Total BTEX <0.300 0.300 11/14/2022 ND Surrogate: 4-Bromofluorobenzene (PID 106 % 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Chloride 48.0 16.0 11/11/2022 ND 432 108 400 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* <10.0 10.0 11/14/2022 ND 198 98.9 200 DRO >C10-C28* 254 10.0 11/14/2022 ND 213 106 200 EXT DRO >C28-C36 23.8 10.0 11/14/2022 ND Surrogate: 1-Chlorooctane 77.3 % 45.3-161	Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Total Xylenes* <0.150 0.150 11/14/2022 ND 5.87 97.9 6.00 Total BTEX <0.300	Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Total BTEX <0.300 0.300 11/14/2022 ND Surrogate: 4-Bromofluorobenzene (PID 106 % 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed By: GM Chloride 48.0 16.0 11/11/2022 ND 432 108 400 TPH 8015M mg/kg Analyzed By: MS Method Blank BS % Recovery True Value QC GRO C6-C10* <10.0	Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Surrogate: 4-Bromofluorobenzene (PID 106 % 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Chloride 48.0 16.0 11/11/2022 ND 432 108 400 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* <10.0	Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Chloride 48.0 16.0 11/11/2022 ND 432 108 400 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* <10.0	Total BTEX	<0.300	0.300	11/14/2022	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Chloride 48.0 16.0 11/11/2022 ND 432 108 400 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* <10.0 10.0 11/14/2022 ND 198 98.9 200 DRO >C10-C28* 254 10.0 11/14/2022 ND 213 106 200 EXT DRO >C28-C36 23.8 10.0 11/14/2022 ND Surrogate: 1-Chlorooctane 77.3 % 45.3-161	Surrogate: 4-Bromofluorobenzene (PIL	106	% 69.9-14	0						
Chloride 48.0 16.0 11/11/2022 ND 432 108 400 TPH 8015M mg/kg Analyzed By: MS MS Method Blank BS % Recovery True Value QC GRO C6-C10* <10.0	Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* <10.0 10.0 11/14/2022 ND 198 98.9 200	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* <10.0 10.0 11/14/2022 ND 198 98.9 200 DRO >C10-C28* 254 10.0 11/14/2022 ND 213 106 200 EXT DRO >C28-C36 23.8 10.0 11/14/2022 ND Surrogate: 1-Chlorooctane 77.3 % 45.3-161	Chloride	48.0	16.0	11/11/2022	ND	432	108	400	3.77	
GRO C6-C10* <10.0 10.0 11/14/2022 ND 198 98.9 200 DRO >C10-C28* 254 10.0 11/14/2022 ND 213 106 200 EXT DRO >C28-C36 23.8 10.0 11/14/2022 ND Surrogate: 1-Chlorooctane 77.3 % 45.3-161	ГРН 8015M	mg	/kg	Analyze	d By: MS					
DRO >C10-C28* 254 10.0 11/14/2022 ND 213 106 200 EXT DRO >C28-C36 23.8 10.0 11/14/2022 ND Surrogate: 1-Chlorooctane 77.3 % 45.3-161	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 23.8 10.0 11/14/2022 ND Surrogate: 1-Chlorooctane 77.3 % 45.3-161	GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
Surrogate: 1-Chlorooctane 77.3 % 45.3-161	DRO >C10-C28*	254	10.0	11/14/2022	ND	213	106	200	17.4	
	EXT DRO >C28-C36	23.8	10.0	11/14/2022	ND					
Surrogate: 1-Chloroctadecane 90.0% 46.3-178	Surrogate: 1-Chlorooctane	77.3	% 45.3-16	1						
70.0 / 10.0 1/0	Surrogate: 1-Chlorooctadecane	90.0	% 46.3-17	78						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022 Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: NSW - 6 (1') (H225352-09)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	<10.0	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	87.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.3	% 46.3-17	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 1H

Project Location: TATUM, NM

Sample ID: ESW - 1 (2') (H225352-10)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	<10.0	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	72.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.0	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: SSW - 6 A (1') (H225352-11)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	GC-NC
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	978	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	106	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 %	6 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: SSW - 7 (2') (H225352-12)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	16.7	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.7	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: S - 27 A (6') (H225352-13)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	GC-NC
Total Xylenes*	0.230	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	GC-NC1
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	135 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	108	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	2590	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	297	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	166 9	46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022 Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: S - 27 A (8') (H225352-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	< 0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	< 0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	247	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	29.9	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	100 %	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 %	6 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: TATUM, NM

Sample ID: S - 27 A (10') (H225352-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	108	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.6	% 46.3-17	8						

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S-04



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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

ma/ka

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 1H

Project Location: TATUM, NM

Sample ID: T - 8 (6') (H225352-16)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	GC-NC
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	GC-NC
Total Xylenes*	1.05	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	GC-NC1
Total BTEX	1.05	0.300	11/14/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	238	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	721	50.0	11/16/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	9190	50.0	11/16/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	831	50.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	531	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	341	% 46.3-17	8						

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11/09/2022

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date:
Reported: 11/16/2022 Sampling Type:

Reported: 11/16/2022 Sampling Type: Soil
Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: T - 8 (12') (H225352-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	85.2	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	10.6	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	84.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.0	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022 Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: T - 8 (15') (H225352-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	< 0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	80.0	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	95.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	6 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/10/2022 Sampling Date: 11/09/2022

Reported: 11/16/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: T - 8 (18.5') R (H225352-19)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2022	ND	1.93	96.7	2.00	2.83	
Toluene*	<0.050	0.050	11/14/2022	ND	2.13	107	2.00	2.97	
Ethylbenzene*	<0.050	0.050	11/14/2022	ND	1.95	97.3	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/14/2022	ND	5.87	97.9	6.00	2.00	
Total BTEX	<0.300	0.300	11/14/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	11/11/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	198	98.9	200	6.12	
DRO >C10-C28*	196	10.0	11/14/2022	ND	213	106	200	17.4	
EXT DRO >C28-C36	17.8	10.0	11/14/2022	ND					
Surrogate: 1-Chlorooctane	70.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.0	% 46.3-17	<i>'</i> 8						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1	Pa	age 286 of 4
	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Laboratories

Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Pres Yes	The mountains				
Bacteria (only) S	Thermometer ID #113	Cool Intact (Initials)	Observed Temp. °C 4.	Delivered By: (Circle One)	Delive
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ANALYSIS REQUEST		BILL TO	26 FAA (919) 393-2410	(575) 393	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pa i	ge 287 of 4
101 East Marland, Hobbs, NM 88240	CARDINAL
(575) 393-2326 FAX (575) 393-2476	Laboratories

(575) 393	(575) 393-2326 FAX (575) 393-2476	76		TEQUEST SISY IANA	┙
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C	Sample Condition Cool Intact Uyes yes	CHECKED BY: Turn (Initials) Then Com	Turnaround Time: Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.6°C. Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Pet Yes No Corrected Temp. °C	
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November 23, 2022

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS UNIT #1

Enclosed are the results of analyses for samples received by the laboratory on 11/18/22 15:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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)

With South

Accreditation applies to public drinking water matrices.

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyand By 1H /

Project Location: TATUM, NM

Sample ID: S - 2 A (4') (H225469-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.79	89.7	2.00	10.2	
Toluene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	11.0	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.60	93.4	6.00	11.3	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	2920	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	152	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	127	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	226	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: Sampling Type: Soil 11/23/2022

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 4 A (4') (H225469-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.79	89.7	2.00	10.2	
Toluene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	11.0	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.60	93.4	6.00	11.3	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	4050	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	224	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	135	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	281	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: Sampling Type: Soil 11/23/2022

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 5 A (4') (H225469-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.79	89.7	2.00	10.2	
Toluene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	11.0	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.84	92.1	2.00	10.5	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.60	93.4	6.00	11.3	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	3670	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	178	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	117 9	² / ₆ 45.3-16	1						
Surrogate: 1-Chlorooctadecane	166 9	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: Sampling Type: Soil 11/23/2022

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 6 A (4') (H225469-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	GC-NC
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	61.8	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	4990	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	250	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	138	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	172	% 46.3-17	'8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: Sampling Type: Soil 11/23/2022

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 7 A (4') (H225469-05)

BTEX 8021B	mg/	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	1290	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	67.2	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	183 9	% 46.3-17	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

(5.5)

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 10 A (4') (H225469-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	134	10.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	14.3	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: Sampling Type: Soil 11/23/2022

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 12 A (4') (H225469-07)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	GC-NC
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	1320	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	93.5	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	115	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	176	% 46.3-17	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H

Project Location: TATUM, NM

Sample ID: S - 14 A (4') (H225469-08)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	255	10.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	19.7	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127	% 46.3-17	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H

Project Location: TATUM, NM

Sample ID: S - 15 A (4') (H225469-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a BA: TH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	473	10.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	47.2	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	145	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: Sampling Type: Soil 11/23/2022

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 16 A (4') (H225469-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	12.2	10.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: Sampling Type: Soil 11/23/2022

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 17 A (4') (H225469-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.6	10.0	11/23/2022	ND	212	106	200	5.11	
DRO >C10-C28*	606	10.0	11/23/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	27.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	141 9	% 46.3-17	<i>'</i> 8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: Sampling Type: Soil 11/23/2022

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 29 B (4') (H225469-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	GC-NC
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	51.0	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	777	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	<50.0	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	135 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	160 9	6 46.3-17	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H

Project Location: TATUM, NM

Sample ID: S - 30 B (4') (H225469-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	mg/kg		ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	26.3	10.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	437	10.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	18.5	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

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S-04



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H

Project Location: TATUM, NM

Sample ID: S - 32 B (4') (H225469-14)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	GC-NC
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	GC-NC
Total Xylenes*	0.830	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	GC-NC1
Total BTEX	0.830	0.300	11/22/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	197	% 69.9-14	0						
Chloride, SM4500CI-B	mg	mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	306	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	2740	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	107	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	207	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	236	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: Sampling Type: Soil 11/23/2022

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 62 B (4') (H225469-15)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	11/22/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.2	10.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	309	10.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	22.5	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	114	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	132	% 46.3-17	<i>'</i> 8						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	176	ANALYSIS REQUEST
Talon LPE	P.O. #:	
Address High IN TOXIS AND	Company:	
Article Sta	Zip: Attn:	
-5443 F	Address:	
	City:	
Project Name: As DOM Larvis Just #1	State: Zip:	
MIV MAY	Phone #:	
ح	Fax #:	L
FOR LAB USE ONLY	MATRIX PRESERV. SAMPLING	
Lab I.D. Sample I.D.	L .UDGE THER : CID/BASE: E / COOL THER :	TPH BTEX Chlor
BJ456B	# CO GRO WAS SOIL OIL SLU OTH ACII	TIME X X X X
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8 S-14A H	C	XX
d S-ISA H	<	X
PLEASE NOTE: Liability and Damages. Cardinal's liability and clerifs exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the PLEASE NOTE: Liability and Damages. Cardinal's liability and clerifs exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the crient for the publication. PLEASE NOTE: Liability and Damages. Cardinal's liability and clerifs exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the crient for the publication. PLEASE NOTE: Liability and Damages. Cardinal's liability and clerifs exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the publication. 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 the client for the application.	Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount pelot Cardinal's liability and client's exclusive remedy had be deemed waved unless made in writing and received by Cardinal within 30 days after agiligence and any other causes whatsoever shall be deemed waved unless made in writing and received by Cardinal within 30 days after agiligence and any other causes whatsoever shall be deemed waved unless made in writing and received by Cardinal within 30 days after the cause of the cause o	unt paid by the client for the ays after completion of the applicable ad by client, its subalderites,
service. In no event shall continue the main for incommunic communities the services hereal/der be affiliated or successors arising out of or related to the performance of services hereal/der be affiliated or successors arising out of or related to the performance of services hereal/der be affiliated to the p	tee hereunder by Cardinal, regardless of whether such claim is based upon any of the above sained reading or ordered to the control of the co	Soland ordinance: Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:
rample	Stodeigner	All Results are emailed. Please provide Limit and Provide Limit an
Relinquisned by:		
Delivered By: (Circle One) Observed Temp. °C 2. °	Sample Condition CHECKED BY: Cool Intact (Initials)	Standard Bacteria (only) of Rush Cool Intact
Sampler - UPS - Bus - Other: Corrected Temp. °C C	C C Yes Ves	Correction Factor -0.6°C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Relinquished By:

Date:

Received By:

Time:

Time: 1543

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

> Observed Temp. °C Corrected Temp. °C

60

Sample Condition

CHECKED BY: Ninitials)

Turnaround Time:

Standard Rush

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

| Yes | Yes | Yes | No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

Thermometer ID #113 Correction Factor -0.6°C

analyses. All claims including those for negligence and any service. In no event shall Cardinal be liable for incidental or

PLEASE NOTE: Liability and Day

Relinquished By

Pate 18-20

Received By:

walved unless made in writing and received by Cardinal within 30 days after completion of the applicable

paid by the client for the

ons, loss of use, or loss of profits incurred by client, its subsidia

All Results are emailed. Please provide Email address:

Verbal Result:

☐ Yes

O No

REMARKS:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2012



Lobbs NM 88240

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Cool Intact
Ves Ves



November 23, 2022

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS UNIT #1

Enclosed are the results of analyses for samples received by the laboratory on 11/18/22 15:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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.

With South

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact
Project Number: TATUM, NM Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: TATUM, NM

Sample ID: S - 67 (3') (H225471-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	GC-NC
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	134	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	222	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	7200	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	470	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	206	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	199	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact Project Number: TATUM, NM Sample Received By: Shalyn Rodriguez

Project Location: TATUM, NM

Sample ID: S - 68 (3') (H225471-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	GC-NC
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	145	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	6120	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	440	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	191 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	170 9	% 46.3-17	'8						

Surrogate: 1-Chlorooctadecane 170 %

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Wal- Emale



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/23/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS UNIT #1 Sampling Condition: Cool & Intact
Project Number: TATUM, NM Sample Received By: Shalyn Rodriguez

Applyzod By: 1H

Project Location: TATUM, NM

ma/ka

Sample ID: S - 69 (3') (H225471-03)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a BA: TH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.78	88.9	2.00	9.30	
Toluene*	<0.050	0.050	11/22/2022	ND	1.97	98.4	2.00	10.6	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	1.82	91.1	2.00	9.70	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	5.44	90.6	6.00	10.8	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	mg/kg		d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	11/22/2022	ND	212	106	200	5.11	
DRO >C10-C28*	775	50.0	11/22/2022	ND	215	108	200	6.55	
EXT DRO >C28-C36	<50.0	50.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	125	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	178	% 46.3-17	78						

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S-06



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's. QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND. Analyte NOT DETECTED at or above the reporting limit ND RPD Relative Percent Difference

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Insufficient time to reach temperature.

Samples not received at proper temperature of 6°C or below.

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



1575, 200 2000 EAV (575) 293-24	76				1
07-CBC (C/C		BILL TO	A	ANALYSIS REQUEST	_
Project Manager: Total Advis	P.C	P.O. #:			
4	Cor	Company:			
Sia s	Zip: Attn:	n			
e#:		Address:		_	
Project #: Project Owner:	City:	y:			
ame: Asoun Lewis	State:	ate: Zip:			
(m)	Ph	Phone #:	5		
U 100000	Fax	Fax #:	.e		
Sampler Name: K. DAV OC	L	PRESERV SAMPLING			
FOR LAB USE ONLY		PRESERV	H		
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	TPH BTE Chlo		
2 5-67 (31) 2 8-68 (31)	# G W s S	11-18-31	1325 X X X X X X X X X X X X X X X X X X X		
2 0 01 (0)					
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Reclinquished By: Time: Time	Cardinal, regardless of whether such claim is be Received By:	ther such claim is based upon any of the above stated reas	lt: ☐ Yes ☐ No re emailed. Please prov	Add'l Phone #: de Email address:	
Relinquished By: Date:	Received By:	June 9	REMARKS:		
		CHECKED BY:	Turnaround Time: Standard	Bacteria (only) S	
Delivered By: (Circle One) Observed Temp. °C Corrected Temp. °C	Cool Intact Cool Intact Cool Yes 1 Yes	(Injthals)	Thermometer ID #113	Cool Intact Observed Temp. °C	



December 05, 2022

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1

Enclosed are the results of analyses for samples received by the laboratory on 12/01/22 9:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 12/01/2022
Reported: 12/05/2022
Project Name: ASPEN LEWIS #1

Project Name: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Location: TATUM, NM

Sampling Date: 11/22/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NSW - 9 (H225624-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	ND	2.08	104	2.00	1.85	
Toluene*	<0.050	0.050	12/02/2022	ND	2.07	104	2.00	1.87	
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.03	102	2.00	1.33	
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.22	104	6.00	0.985	
Total BTEX	<0.300	0.300	12/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	98.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

Applyand By 1H /

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 12/01/2022 Sampling Date: 11/22/2022 Reported: 12/05/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 701048.015.01 Tamara Oldaker

Project Location: TATUM, NM

Sample ID: NSW - 10 (H225624-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	ND	2.08	104	2.00	1.85	
Toluene*	<0.050	0.050	12/02/2022	ND	2.07	104	2.00	1.87	
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.03	102	2.00	1.33	GC-NC
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.22	104	6.00	0.985	
Total BTEX	<0.300	0.300	12/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	157 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	12/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	66.8	50.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	8050	50.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	830	50.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	156 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	205 9	% 46.3-17	8						

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Celeg D. Kreene



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 12/01/2022 Sampling Date: 11/22/2022

Reported: 12/05/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Project Location: TATUM, NM

Sample ID: ESW - 2 (H225624-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	ND	2.08	104	2.00	1.85	
Toluene*	<0.050	0.050	12/02/2022	ND	2.07	104	2.00	1.87	
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.03	102	2.00	1.33	
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.22	104	6.00	0.985	
Total BTEX	<0.300	0.300	12/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg	0 0.050 0 0.050 0 0.050 0 0.050 0 0.150 0 0.300 0 9% 69.9-1 mg/kg Reporting Limit 16.0 mg/kg Reporting Limit 10.0 0 10.0 0 10.0	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

ma/ka

Received: 12/01/2022 Sampling Date: 11/22/2022

Reported: 12/05/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: TATUM, NM

Sample ID: S - 70 (3') (H225624-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	ND	2.08	104	2.00	1.85	
Toluene*	<0.050	0.050	12/02/2022	ND	2.07	104	2.00	1.87	
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.03	102	2.00	1.33	
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.22	104	6.00	0.985	
Total BTEX	<0.300	0.300	12/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	12/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	9710	50.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	1280	50.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	126	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	508	% 46.3-17	78						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 12/01/2022 Sampling Date: 11/22/2022

Reported: 12/05/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: TATUM, NM

ma/ka

Sample ID: S - 71 (3') (H225624-05)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	ND	2.08	104	2.00	1.85	
Toluene*	<0.050	0.050	12/02/2022	ND	2.07	104	2.00	1.87	
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.03	102	2.00	1.33	
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.22	104	6.00	0.985	
Total BTEX	<0.300	0.300	12/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	12/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	8660	50.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	978	50.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	126	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	452	% 46.3-17	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 12/01/2022 Sampling Date: 11/22/2022

Reported: 12/05/2022 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: TATUM, NM

ma/ka

Sample ID: S - 72 (3') (H225624-06)

RTFY 8021R

B1EX 8021B	mg,	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2022	ND	2.08	104	2.00	1.85	
Toluene*	<0.050	0.050	12/02/2022	ND	2.07	104	2.00	1.87	
Ethylbenzene*	<0.050	0.050	12/02/2022	ND	2.03	102	2.00	1.33	
Total Xylenes*	<0.150	0.150	12/02/2022	ND	6.22	104	6.00	0.985	
Total BTEX	<0.300	0.300	12/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	130	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/02/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS				1.85 1.87 1.33 0.985	S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	68.4	50.0	12/04/2022	ND	223	111	200	5.93	
DRO >C10-C28*	7100	50.0	12/04/2022	ND	231	116	200	8.92	
EXT DRO >C28-C36	671	50.0	12/04/2022	ND					
Surrogate: 1-Chlorooctane	147	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	200	% 46.3-17	'8						

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Notes and Definitions

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476	176			
Company Name: TGION LPF		BILL TO	ANALYSIS REQUEST	1
0	P.O.	0. #:		
address: 408 W. Texas Ave	00	Company:		
State: NM Zip:	91688	Attn:		
Phone #: 433-310-5443 Fax #:	Ac	Address:		
Project #: 701048, OIS. 6 Project Owner:		City:		
Project Name: ASDEN Lewis #	St	State: Zip:	B	
M	Pł	Phone #:	5	
	Fa	Fax #:	8	_
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	80	
Lab I.D. Sample I.D.	(G)RAB OR (C)OME # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	BTEX TOH Chlorid	
(1435 X X X X X X X X X X X X X X X X X X X	
4 5-10 (3.)	**		4×.	
65-12(31)		<	ISHS X X X	
PLEASE NOTE: Liability and Darriages, Cardinal's liability and clear's exclusive remedy for any claim airsing whether based in contract or tort, shall be limited to the amount paid by the client for the	any claim arising whether based in contract or t	ort, shall be limited to the amount pak	by the client for the complete.	
Affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Continue	Date: Time: Time:	ased upon any of the above stated ru	Norther Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	
Relinquished By: Date:	Received By:		7	
Delivered By: (Circle One) Observed Temp. °C 0, 9 Sampler - UPS - Bus - Other: Corrected Temp. °C 0, 3	Sample Condition Cool Intact Yes Li Yes No No	CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.6°C No Corrected Temp. °C	



January 20, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1

Enclosed are the results of analyses for samples received by the laboratory on 01/17/23 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/17/2023

Reported: 01/20/2023

Project Name: ASPEN LEWIS #1

Project Name: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Location: LEA CO., NM

Sampling Date: 01/17/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: S - 20 A 4' (H230237-01)

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	01/19/2023	ND	2.11	105	2.00	4.00	
< 0.050	0.050	01/19/2023	ND	2.15	108	2.00	4.14	
< 0.050	0.050	01/19/2023	ND	2.10	105	2.00	3.36	
<0.150	0.150	01/19/2023	ND	6.49	108	6.00	3.09	GC-NC
<0.300	0.300	01/19/2023	ND					
137 9	% 71.5-13	4						
mg/	kg	Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	01/19/2023	ND	416	104	400	7.41	
mg/	'kg	Analyze	d By: MS					S-04
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
47.2	10.0	01/18/2023	ND	208	104	200	5.46	
561	10.0	01/18/2023	ND	193	96.5	200	4.50	
39.9	10.0	01/18/2023	ND					
122 5	% 48.2-13	4						
154 9	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300 137 9 mg/ Result 48.0 mg/ Result 47.2 561 39.9	 <0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 137 % 71.5-13 mg/kg Result Reporting Limit 48.0 16.0 mg/kg Result Reporting Limit 47.2 10.0 561 10.0 39.9 10.0 	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050 0.050 01/19/2023 ND 2.11 105 2.00 4.00 <0.050

A ... - b ... - d D. .. 311 /

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: 01/17/2023

Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes) Project Number: Sample Received By: Tamara Oldaker 701048.015.01

Project Location: LEA CO., NM

Sample ID: S - 26 A 4' (H230237-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2023	ND	2.11	105	2.00	4.00	
Toluene*	0.051	0.050	01/19/2023	ND	2.15	108	2.00	4.14	
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.10	105	2.00	3.36	
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.49	108	6.00	3.09	
Total BTEX	<0.300	0.300	01/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	01/19/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2023	ND	208	104	200	5.46	
DRO >C10-C28*	81.7	10.0	01/18/2023	ND	193	96.5	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	01/18/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	49.1-14	8						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.

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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	X (575) 393-2476		ANALYSIS REQUEST	
Company Name: Talan I PE		BILL TO	ANALISIS	
Downid	as a	P.O. #:		
H	Aue.	Company:		
tosi a	State: WM Zip:	Attn:		
(D	Fax #:	Address:		
701048.015.	O Project Owner:	City:		
101	S #	State: Zip:	15	
of and		Phone #:		
11 Lea Co. 10		Fax #:	8	
Sampler Name: K. Taylor	M	MATRIX PRESERV. SAMPLING	(
FOR LAB USE ONLY	RS TER ER		EX H orid	
Lab I.D. Sample I.D.	(G)RAB OR (I # CONTAINE GROUNDWA WASTEWATE	SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BT	
A CC-S	-		< ×	
25-26 A	H, C:	1 1-17-23	1130 × × ×	
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 plan of the properties of the applicable please. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completions of the applicable analyses. All claims including those for negligence and any other careacterists of the applicable analyses. All claims including those for negligence and any other careacterists of the applicable analyses.	d client's exclusive remedy for any claim arising whether the cause whatsoever shall be deemed waived unless monosouerial damages, including without limitation, busing	based in contract or fort, shall be limited to the amount par nade in writing and received by Cardinal within 30 days afti oss interruptions, loss of use, or loss of the other incurred in		
efficiency or successors arising out of or related to the perform Relinquished By:	nace of services hereunder by Cardinal, regardless of with Daffe:	Service and the service and th	Verbal Result: ☐ Yes ☐ No Add i Friorite #: All Results are emailed. Please provide Email address:	
Relinquished By:	Date: Received By	The HAMBON DE	REMARKS:	
Delivered By: (Circle One)	Observed Temp. °C 20,4 Sar	Sample Condition CHECKED BY: Cool Intact (Initials)	Turnaround Time: Standard A. Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Thermometer ID #113 Thermometer ID #113 Thermometer ID #100 Corrected Temp. °C	0 0
FORM-000 R 3.3 07/10/22	+ Cardinal cannot accept	verbal changes. Please email ch	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	



January 20, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1

Enclosed are the results of analyses for samples received by the laboratory on 01/17/23 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: 01/17/2023
Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes)
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyand By 1H /

Project Location: LEA CO., NM

Sample ID: S - 2 (6') (H230238-01)

DTEV 0021D

BTEX 8021B	mg/kg		Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2023	ND	2.11	105	2.00	4.00	
Toluene*	<0.050	0.050	01/19/2023	ND	2.15	108	2.00	4.14	
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.10	105	2.00	3.36	GC-NC
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.49	108	6.00	3.09	GC-NC
Total BTEX	<0.300	0.300	01/19/2023	ND					GC-NC
Surrogate: 4-Bromofluorobenzene (PID	144	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/19/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	193	50.0	01/19/2023	ND	211	105	200	3.52	QR-03
DRO >C10-C28*	9410	50.0	01/19/2023	ND	209	105	200	1.88	QM-07
EXT DRO >C28-C36	723	50.0	01/19/2023	ND					
Surrogate: 1-Chlorooctane	189	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	258	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: 01/17/2023
Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes)
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: LEA CO., NM

ma/ka

Sample ID: S - 2 (8') (H230238-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2023	ND	2.11	105	2.00	4.00	
Toluene*	<0.050	0.050	01/19/2023	ND	2.15	108	2.00	4.14	
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.10	105	2.00	3.36	
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.49	108	6.00	3.09	
Total BTEX	<0.300	0.300	01/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/19/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2023	ND	211	105	200	3.52	
DRO >C10-C28*	439	10.0	01/18/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	17.8	10.0	01/18/2023	ND					
Surrogate: 1-Chlorooctane	111 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: 01/17/2023 Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 701048.015.01

Project Location: LEA CO., NM

Sample ID: S - 4 (6') (H230238-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2023	ND	2.11	105	2.00	4.00	
Toluene*	<0.050	0.050	01/19/2023	ND	2.15	108	2.00	4.14	
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.10	105	2.00	3.36	
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.49	108	6.00	3.09	
Total BTEX	<0.300	0.300	01/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/19/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2023	ND	211	105	200	3.52	
DRO >C10-C28*	18.8	10.0	01/18/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	01/18/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: 01/17/2023
Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes)

Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: LEA CO., NM

ma/ka

Sample ID: S - 5 (6') (H230238-04)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2023	ND	2.11	105	2.00	4.00	
Toluene*	<0.050	0.050	01/19/2023	ND	2.15	108	2.00	4.14	
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.10	105	2.00	3.36	
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.49	108	6.00	3.09	
Total BTEX	<0.300	0.300	01/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/19/2023	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2023	ND	211	105	200	3.52	
DRO >C10-C28*	55.2	10.0	01/18/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	01/18/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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01/17/2023

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date:

ma/ka

Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes)

Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: LEA CO., NM

Sample ID: S - 6 (6') (H230238-05)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2023	ND	2.11	105	2.00	4.00	
Toluene*	<0.050	0.050	01/19/2023	ND	2.15	108	2.00	4.14	
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.10	105	2.00	3.36	
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.49	108	6.00	3.09	
Total BTEX	<0.300	0.300	01/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/19/2023	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2023	ND	211	105	200	3.52	
DRO >C10-C28*	339	10.0	01/18/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	10.3	10.0	01/18/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: 01/17/2023
Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes)
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 7 (6') (H230238-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2023	ND	2.11	105	2.00	4.00	
Toluene*	<0.050	0.050	01/19/2023	ND	2.15	108	2.00	4.14	
Ethylbenzene*	<0.050	0.050	01/19/2023	ND	2.10	105	2.00	3.36	
Total Xylenes*	<0.150	0.150	01/19/2023	ND	6.49	108	6.00	3.09	
Total BTEX	<0.300	0.300	01/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	01/19/2023	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2023	ND	211	105	200	3.52	
DRO >C10-C28*	<10.0	10.0	01/18/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	01/18/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: 01/17/2023

Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes)
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 12 (6') (H230238-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.14	
Toluene*	<0.050	0.050	01/20/2023	ND	2.25	112	2.00	1.55	
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.76	113	6.00	3.43	GC-NC
Total BTEX	<0.300	0.300	01/20/2023	ND					GC-NC
Surrogate: 4-Bromofluorobenzene (PID	134	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/19/2023	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	30.1	10.0	01/18/2023	ND	211	105	200	3.52	
DRO >C10-C28*	554	10.0	01/18/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	17.3	10.0	01/18/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: 01/17/2023
Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes)

Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 20 (6') (H230238-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.14	
Toluene*	<0.050	0.050	01/20/2023	ND	2.25	112	2.00	1.55	
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.76	113	6.00	3.43	
Total BTEX	<0.300	0.300	01/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/19/2023	ND	448	112	400	11.3	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2023	ND	211	105	200	3.52	
DRO >C10-C28*	<10.0	10.0	01/18/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	01/18/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Celey D. Keene



01/17/2023

Soil

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date:
Reported: 01/20/2023 Sampling Type:

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes)
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: LEA CO., NM

ma/ka

Sample ID: S - 29 (6') (H230238-09)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.14	
Toluene*	<0.050	0.050	01/20/2023	ND	2.25	112	2.00	1.55	
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.76	113	6.00	3.43	
Total BTEX	<0.300	0.300	01/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	01/19/2023	ND	448	112	400	11.3	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2023	ND	211	105	200	3.52	
DRO >C10-C28*	<10.0	10.0	01/18/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	01/18/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: 01/17/2023
Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes)
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 29 (8') (H230238-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.14	
Toluene*	<0.050	0.050	01/20/2023	ND	2.25	112	2.00	1.55	
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.76	113	6.00	3.43	
Total BTEX	<0.300	0.300	01/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	01/19/2023	ND	448	112	400	11.3	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2023	ND	211	105	200	3.52	
DRO >C10-C28*	41.3	10.0	01/18/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	01/18/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	18						

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01/17/2023

Soil

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date:

01/20/2023

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes)
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Sampling Type:

Project Location: LEA CO., NM

Sample ID: S - 32 (6') (H230238-11)

Reported:

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.14	
Toluene*	<0.050	0.050	01/20/2023	ND	2.25	112	2.00	1.55	
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.76	113	6.00	3.43	
Total BTEX	<0.300	0.300	01/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/19/2023	ND	448	112	400	11.3	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.6	10.0	01/19/2023	ND	211	105	200	3.52	
DRO >C10-C28*	274	10.0	01/19/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	18						

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01/17/2023

Soil

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: Reported: 01/20/2023 Sampling Type:

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes) Sample Received By: Tamara Oldaker Project Number: 701048.015.01

Project Location: LEA CO., NM

Sample ID: S - 32 (8') (H230238-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.14	
Toluene*	<0.050	0.050	01/20/2023	ND	2.25	112	2.00	1.55	
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.76	113	6.00	3.43	
Total BTEX	<0.300	0.300	01/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	130 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/19/2023	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	23.8	10.0	01/19/2023	ND	211	105	200	3.52	
DRO >C10-C28*	728	10.0	01/19/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	31.0	10.0	01/19/2023	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 9	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/17/2023 Sampling Date: 01/17/2023 Reported: 01/20/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: ** (See Notes) Project Number: Sample Received By: Tamara Oldaker 701048.015.01

Project Location: LEA CO., NM

Sample ID: S - 32 (10') (H230238-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.14	
Toluene*	<0.050	0.050	01/20/2023	ND	2.25	112	2.00	1.55	
Ethylbenzene*	<0.050	0.050	01/20/2023	ND	2.19	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	01/20/2023	ND	6.76	113	6.00	3.43	
Total BTEX	<0.300	0.300	01/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/19/2023	ND	448	112	400	11.3	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/19/2023	ND	211	105	200	3.52	
DRO >C10-C28*	<10.0	10.0	01/19/2023	ND	209	105	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	01/19/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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

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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476			104
ompany Name: Talan/LPF	BILL	ANALYSIS REQUEST	JEST
David	P.O. #:		
4	Company:		
tesia State:	NM Zip: Attn:		
-210-5443 Fax#:	Address:		
401048,015.01	wner: City:		
15	State: Zip:		
on: Local C	Phone #:		
K-Taulor	Fax #:		
	MATRIX PRESERV.	SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OME # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME BTEX TPH Chlori	
1 5-2 (61)	- ×	17-27 1245 X	
2 2 3 (8:)	200	A X A GEL	
4812 (6)	-	1210 × × ×	
5 5- 6	G	7	
6 5-7 600	-	1230 7 7 7	
2 2 - 12 (6.)	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	-	
98-29 (61)	\ - -	X	
LEASE NOTE: Liability and Damages. Cardinal's liability and distrits exclusive rem	By for any claim arising whether based in contract or tort, shall be limited to the	amount paid by the clear for the annual paid by the clear for the	
onseque	including without limitation, business interruptions, loss of use, or loss of profits including without limitations of whether interruptions, loss of use, or loss of profits above, by Casafinis recardings of whether such claim is based upon any of the above.		
Relimpuished By:	Received By:	Verbal Result:	
Relinquished By: Date:	Received By:	REMARKS:	
Time:		· ·	
	Sample Condition CH Cool Intact Cool Intact Supersupersupersupersupersupersupersupers	Turnaround Time: Standard Rush Thermometer ID #113	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes
Sampler - UPS - Bus - Other: Corrected Temp. C 4.			Corrected Temp, °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page sofa

101 East Marland, Hobbs, NM 88240

(5/5) 393-2326 FA	(575) 393-2326 FAX (575) 393-2476	BILL TO	A	ANALYSIS REQUEST
roject Manager:		P.O. #:		
Address:		Company:		
Sity:	State: Zip:	Attn:		
hone #:	Fax #:	Address:		
roject #:	Project Owner:	City:		
Project Name:		State: Zip:		
Project Location:		Phone #:		
Sampler Name:		Fax#:		
FOR LAB USE ONLY		ESERV.	SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER	SLUDGE OTHER:	BTEY TPH Chlorida	
H230 238	# C0	SOIL OIL SLU OTH ACI ICE	TIME '	
11 5-32 (6)		**	1030 44	
12 5-37 /8"	0 1	7	1035 X X X	
13 8-32 (10") 6 -	*	X X X OHOL	
		4		
PLEASE NOTE: Lability 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 the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waked unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential diamages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	llent's exclusive remedy for any claim arising who ir cause whatsoever shall be deemed walved uni- sequental damages, including without limitation, t	ther based in contract or tort, shall be limited to the amount puess made in writing and received by Cardinal within 30 days at yusiness interruptions, loss of use, or loss of profits incurred by	aid by the client for the fler completion of the applicable polarity, client, its subsidiaries,	
filliates or successors arising out of or related to the performano	ce of services hereunder by Cardinal, regardless of whe Date: Received By:	nder by Cardinal, regardless of whether such claim is based upon any of the above stated in Received By:	Verbal Result: ☐ Yes ☐ No	Add'l Phone #:
Relinquisned by:	Time:	amora Malekon	ire emailed. Please provi	ide Email address:
Relinquished By:	Date: Received By:	By:	REMARKS:	
Delivered By: (Circle One) Sampler - LIPS - Bus - Other: C.	Temp. °C 20.4	Sample Condition CHECKED BY: Cool Intact (Initials)	Turnaround Time: Standard Rush Thermometer ID #113	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
PORM-006 R 3.3 07/16/22	4 Cardinal cannot acce	+ Cardinal cannot accent verbal changes. Please email changes to celey.keene@cardinallabsnm.com	to colou koono@cardinallabs	

Page 17 of 17



January 30, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1

Enclosed are the results of analyses for samples received by the laboratory on 01/25/23 16:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/25/2023
Reported: 01/30/2023
Project Name: ASPEN LEWIS #1

Project Number: 701048.015.01 Project Location: LEA CO., NM Sampling Date: 01/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 70 (5') (H230359-01)

Result <0.050	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050					•		Quaoi
	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	GC-NC
0.172	0.050	01/27/2023	ND	2.12	106	2.00	11.7	GC-NC1
1.45	0.150	01/27/2023	ND	6.52	109	6.00	11.9	GC-NC1
1.63	0.300	01/27/2023	ND					GC-NC1
207 9	% 71.5-13	4						
mg/	kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
288	16.0	01/27/2023	ND	432	108	400	0.00	
mg/	kg	Analyze	d By: MS					S-06
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
365	50.0	01/27/2023	ND	205	103	200	0.887	
7130	50.0	01/27/2023	ND	208	104	200	1.48	
553	50.0	01/27/2023	ND					
146 9	² / ₆ 48.2-13	4						
	288 mg/ Result 365 7130 553	288 16.0 mg/kg Result Reporting Limit 365 50.0 7130 50.0 553 50.0	288 16.0 01/27/2023 mg/kg Analyze Result Reporting Limit Analyzed 365 50.0 01/27/2023 7130 50.0 01/27/2023 553 50.0 01/27/2023	288 16.0 01/27/2023 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank 365 50.0 01/27/2023 ND 7130 50.0 01/27/2023 ND 553 50.0 01/27/2023 ND	288 16.0 01/27/2023 ND 432 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS 365 50.0 01/27/2023 ND 205 7130 50.0 01/27/2023 ND 208 553 50.0 01/27/2023 ND	288 16.0 01/27/2023 ND 432 108 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery 365 50.0 01/27/2023 ND 205 103 7130 50.0 01/27/2023 ND 208 104 553 50.0 01/27/2023 ND ND	288 16.0 01/27/2023 ND 432 108 400 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 365 50.0 01/27/2023 ND 205 103 200 7130 50.0 01/27/2023 ND 208 104 200 553 50.0 01/27/2023 ND	288 16.0 01/27/2023 ND 432 108 400 0.00 mg/ky Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 365 50.0 01/27/2023 ND 205 103 200 0.887 7130 50.0 01/27/2023 ND 208 104 200 1.48 553 50.0 01/27/2023 ND

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/25/2023
Reported: 01/30/2023

Project Name: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Location: LEA CO., NM

Sampling Date: 01/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S - 70 (6') (H230359-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	0.072	0.050	01/27/2023	ND	2.12	106	2.00	11.7	GC-NC1
Total Xylenes*	0.678	0.150	01/27/2023	ND	6.52	109	6.00	11.9	GC-NC1
Total BTEX	0.749	0.300	01/27/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	161	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/27/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	138	50.0	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	3270	50.0	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	241	50.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	126	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/25/2023
Reported: 01/30/2023
Project Name: ASPEN LEWIS #1

ma/ka

Project Name: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Location: LEA CO., NM

Sampling Date: 01/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: S - 73 (5') (H230359-03)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit 0.050	Analyzed 01/27/2023	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
		01/27/2023	ND					
<0.050	0.050		טא	2.13	107	2.00	10.6	
	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
< 0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7	
<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9	
<0.300	0.300	01/27/2023	ND					
120 9	% 71.5-13	4						
mg/	'kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
656	16.0	01/27/2023	ND	432	108	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/27/2023	ND	205	103	200	0.887	
101	10.0	01/27/2023	ND	208	104	200	1.48	
<10.0	10.0	01/27/2023	ND					
98.7	% 48.2-13	4						
104 9	% 49.1-14	8						
	<0.050 <0.150 <0.300 120 9 mg/ Result 656 mg/ Result <10.0 101 <10.0	<0.050 0.050 <0.150 0.150 <0.300 0.300 120	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Applyzod By: 1H /

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/25/2023 Sampling Date: 01/19/2023

Reported: 01/30/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Jodi Henson

Applyzod By: 1H /

Project Location: LEA CO., NM

ma/ka

Sample ID: S - 74 (5') (H230359-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9	
Total BTEX	<0.300	0.300	01/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	01/27/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	20.8	10.0	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/25/2023 Reported: 01/30/2023 Project Name: ASPEN LEWIS #1

Project Number: 701048.015.01 Project Location: LEA CO., NM

Sampling Date: 01/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: S - 76 (5') (H230359-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9	
Total BTEX	<0.300	0.300	01/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/27/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	263	10.0	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	13.3	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 01/25/2023 Sampling Date: 01/19/2023

Reported: 01/30/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Jodi Henson

Applyzod By: 1H /

Project Location: LEA CO., NM

ma/ka

Sample ID: S - 81 (5') (H230359-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9	
Total BTEX	<0.300	0.300	01/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	01/27/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	496	10.0	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	44.3	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/25/2023 Sampling Date: 01/19/2023

Reported: 01/30/2023 Sampling Type: Soil

Project Name:ASPEN LEWIS #1Sampling Condition:Cool & IntactProject Number:701048.015.01Sample Received By:Jodi HensonProject Location:LEA CO., NM

Sample ID: S - 82 (5') (H230359-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9	
Total BTEX	<0.300	0.300	01/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	01/27/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	13.0	10.0	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	18						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/25/2023 Sampling Date: 01/19/2023
Reported: 01/30/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Jodi Henson

Project Location: LEA CO., NM

Sample ID: S - 83 (6') (H230359-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9	
Total BTEX	<0.300	0.300	01/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	01/27/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	15.8	10.0	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	18						

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Celey D. Keene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/25/2023 Sampling Date: 01/19/2023

Reported: 01/30/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Jodi Henson Project Number: 701048.015.01

Applyzod By: 1H /

Project Location: LEA CO., NM

ma/ka

Sample ID: S - 84 (6') (H230359-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	GC-NC
Ethylbenzene*	0.507	0.050	01/27/2023	ND	2.12	106	2.00	11.7	GC-NC1
Total Xylenes*	5.21	0.150	01/27/2023	ND	6.52	109	6.00	11.9	GC-NC1
Total BTEX	5.72	0.300	01/27/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	333	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	01/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1590	100	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	23400	100	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	2070	100	01/27/2023	ND					
Surrogate: 1-Chlorooctane	313	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	468	% 49 1-14	18						

Surrogate: 1-Chlorooctadecane 468 % 49.1-148

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Celeg D. Kreene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/25/2023 Sampling Date: 01/19/2023

Reported: 01/30/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Jodi Henson

Analyzed By: JH/

Project Location: LEA CO., NM

mg/kg

Sample ID: S - 84 (8') (H230359-10)

BTEX 8021B

	3,	<u> </u>	. ,	. , . ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	0.082	0.050	01/27/2023	ND	2.12	106	2.00	11.7	GC-NC1
Total Xylenes*	0.713	0.150	01/27/2023	ND	6.52	109	6.00	11.9	GC-NC1
Total BTEX	0.795	0.300	01/27/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	158	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	01/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	489	50.0	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	10400	50.0	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	893	50.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	197	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	225	% 49.1-14	8						

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Celeg D. Freene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/25/2023 Sampling Date: 01/19/2023

Reported: 01/30/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Jodi Henson

Applyzod By: 1H /

Project Location: LEA CO., NM

Sample ID: S - 84 (10') (H230359-11)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	GC-NC
Ethylbenzene*	0.205	0.050	01/27/2023	ND	2.12	106	2.00	11.7	GC-NC1
Total Xylenes*	1.76	0.150	01/27/2023	ND	6.52	109	6.00	11.9	GC-NC1
Total BTEX	1.97	0.300	01/27/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	232	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	01/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	156	50.0	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	3980	50.0	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	341	50.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144	% 49.1-14	8						

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Celey D. Keene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/25/2023 Sampling Date: 01/19/2023

Reported: 01/30/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Jodi Henson Project Number: 701048.015.01

Applyzod By: 1H /

Project Location: LEA CO., NM

ma/ka

Sample ID: S - 86 (6') (H230359-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	0.104	0.050	01/27/2023	ND	2.12	106	2.00	11.7	GC-NC1
Total Xylenes*	0.859	0.150	01/27/2023	ND	6.52	109	6.00	11.9	GC-NC1
Total BTEX	0.962	0.300	01/27/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	181	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	01/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	193	50.0	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	5330	50.0	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	464	50.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	140	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	157	% 49 1-14	18						

Surrogate: 1-Chlorooctadecane 157 % 49.1-148

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Celeg D. Kreene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/25/2023 Sampling Date: 01/19/2023

Reported: 01/30/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Jodi Henson

Applyzod By: 1H /

Project Location: LEA CO., NM

ma/ka

Sample ID: S - 86 (8') (H230359-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7	
Total Xylenes*	0.275	0.150	01/27/2023	ND	6.52	109	6.00	11.9	GC-NC1
Total BTEX	<0.300	0.300	01/27/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	141	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	01/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	79.0	50.0	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	3250	50.0	01/27/2023	ND	208	104	200	1.48	
EXT DRO >C28-C36	194	50.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	141	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/25/2023 Sampling Date: 01/19/2023

Reported: 01/30/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Project Number: 701048.015.01 Sample Received By: Jodi Henson Project Location: LEA CO., NM

Sample ID: S - 85 (5') (H230359-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9	
Total BTEX	<0.300	0.300	01/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	01/27/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.97	
DRO >C10-C28*	27.7	10.0	01/27/2023	ND	216	108	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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

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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

101 East Marl (575) 393-23	CARI
and, Hobbs, NM 88240	CARDINAL
26 FAX (575) 393-2476	Laboratories

CLISTODY AND ANALYSIS REQUEST

	(575) 393-2326 FAX (575) 393-2476				
Company Name:	TAINN II DE		BILL TO		ANALYSIS REQUEST
Project Manager:	David Adlicim	P.O. #:			
Address: 408	W. Toxas	Company:	73		
city: Artosia		Zip: Attn:			
#:	D-5443	Address:			
	Project Owner:	City:			
ame:	Ason Lowis #1	State:	Zip:		
×	Loa (Phone #:			
Sampler Name:	K	Fax #:	1	S	
FOR LAB USE ONLY		MATRIX PRESERV	ERV. SAMPLING	e'	
Lab I.D.	Sample I.D.	RAB OR (C)OMP. CONTAINERS COUNDWATER ASTEWATER OIL L UDGE THER: EID/BASE: E/COOL	HER:	BTEX TPH Chlorid	
C.C.06.74	ターノーハン	— # G	1-19-231	X X X	
2-	8-17-17-1X	6 -	1 131	XXX	
1	S-75 (Si)	6 -	1318	バメメタ	
<u></u>	2-74 (51)	6	136	X	
n-	5-76 (5)	6 -	To h	X	
> (2-8	6 1	8 HEI	XXXX	
26	X-87 (<1)		133	X	
00-	8-83/6"	6	1Hab	XXX	7
50	(9) H8-8	6 1	era A	XX	
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Relinquished By	g out of or related to the performance of services hereunder by C	Received By:	Verb	Verbal Result:	□ No Add'I Phone #:
	25, 3441 9MM D	Gods Sunson		All Results are emailed. Pleas	All Results are emailed. Please provide Email address:
Kennquisned by	Time:				
Delivered By: (Circle One)		Sample Condition Cool Intact	CHEOKED BY: Turna	ne:	Standard Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Tyes Yes
Sampler - UPS - E	Bus - Other: Corrected Temp. C	_	Corre	Correction Factor -0.6°C	No Corrected Temp. °C

Page 17 of 18

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	pplicat	S-86 6 6 1 1388 X X S-86 6 6 1 1388 X S-86 6 1	\$ - 86 (81) \$ - 8	CARDINAL 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Project Manager: Address: City: Phone #: Project Location: Sampler Name: Project Location: Sampler Name: FOR LAB USE ONLY Sample I.D. Sample I.D.	G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: Phy Sta C: P.O.	CHAIN-OF-C BILL TO BILL TO SS: Zip: Zip: DATE TIME B
	of cleant's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable	d cleant's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable or consequental damages, including without limitation, business interruptions, fores of use, or loss of profits incurred by client, its subsidiaries, some of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Received By:	re er	11 - 0	GRAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER OIL SLUDGE OTHER:	DATE TIME 1410 X X X X X X X X X X X X X X X X X X X

Page 18 of 18



February 14, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1

Enclosed are the results of analyses for samples received by the laboratory on 02/08/23 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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)

Celey D. Keene

Accreditation applies to public drinking water matrices.

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



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/08/2023
Reported: 02/14/2023
Project Name: ASPEN LEWIS #1

Project Name: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Location: LEA CO., NM

Sampling Date: 02/08/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SSW - 4 (H230593-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2023	ND	1.95	97.5	2.00	0.692	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	101	2.00	1.20	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.98	99.0	2.00	1.71	
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.16	103	6.00	2.24	
Total BTEX	<0.300	0.300	02/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	02/11/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	ND	195	97.4	200	1.92	
DRO >C10-C28*	128	10.0	02/11/2023	ND	204	102	200	0.555	
EXT DRO >C28-C36	19.5	10.0	02/11/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Applyand By 1H /

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 02/08/2023

 Reported:
 02/14/2023

 Project Name:
 ASPEN LEWIS #1

Project Name: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Location: LEA CO., NM

Sampling Date: 02/08/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WSW - 3 (H230593-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2023	ND	1.95	97.5	2.00	0.692	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	101	2.00	1.20	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.98	99.0	2.00	1.71	
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.16	103	6.00	2.24	
Total BTEX	<0.300	0.300	02/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/11/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	ND	195	97.4	200	1.92	
DRO >C10-C28*	212	10.0	02/11/2023	ND	204	102	200	0.555	
EXT DRO >C28-C36	30.6	10.0	02/11/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	18						

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Celey D. Keene



02/08/2023

Soil

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/08/2023 Sampling Date: Reported: 02/14/2023 Sampling Type:

ma/ka

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: LEA CO., NM

Sample ID: ESW - 3 (H230593-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2023	ND	1.95	97.5	2.00	0.692	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	101	2.00	1.20	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.98	99.0	2.00	1.71	
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.16	103	6.00	2.24	
Total BTEX	<0.300	0.300	02/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/11/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	ND	195	97.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	204	102	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

 Received:
 02/08/2023
 Sampling Date:
 02/08/2023

 Reported:
 02/14/2023
 Sampling Type:
 Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: SSW - 2 (2') (H230593-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2023	ND	1.95	97.5	2.00	0.692	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	101	2.00	1.20	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.98	99.0	2.00	1.71	
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.16	103	6.00	2.24	
Total BTEX	<0.300	0.300	02/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/11/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	ND	195	97.4	200	1.92	
DRO >C10-C28*	342	10.0	02/11/2023	ND	204	102	200	0.555	
EXT DRO >C28-C36	33.6	10.0	02/11/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

*=Accredited Analyte

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Celegy Keene

Cardinal Laboratories



Notes and Definitions

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

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Celegy Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes	Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor -0.8°C	CHECKED BY: 1	Sample Condition Cool Infact Cool Infact Yes 2 Yes No 1 No	Observed Temp. °C S	Pelivered By: (Circle One) ampler - UPS - Bus - Other:
Add'l Phone #: de Email address:	All Results are emailed. Please provide Email address: REMARKS:	Males	Received By:	Time: Time: Time: Time:	elinquished By: Laufor
5	pplicable	selved by Cardinal within 30 days after of use, or loss of profits incurred by classed upon any of the above stated reas	obserince watwod unless made in writing and received by Cardinal within 3 without limitation, business interruptions, loss of use, or loss of profits in artificial, regardless of whether such claim is based upon any of the abov Received By:	or consequental damages, including viformance of services hereunder by Ca	rice. In no event shall Cardinal be liable for incidental or consequential damages, including where unless and in writing and received by Cardinal within 30 days after completion of the applicable littles or successors arising out of or related to the performance of services hereunder by Cardinal, reparatises of whether such claim is based upon any of the above stated ressors or observices. Pate: Received By:
	by the client for the	of, shall be limited to the amount paid	y claim arising whether based in contract or to	ily and client's exclusive remady for a	EASE NOTE: Liabilly and Durnages. Cardinal's liability and client's exclusive remody for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the
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	**		011		3 ESW-
	1		- # CO GRO WAS - SOIL OIL SLUE		tr MSS / SOCI
	TPH STEX Wori	/BASE: COOL		Sample I.D.	
	SAMPLING	SERV.	MATRIX		FOR LAB USE ONLY
	5	Phone #: Fax #:		lor-	Sampler Name: K. TOWA
		State: Zip:		1 # Cime	Project Location: Aspen
		City:		-	
		Address:		E	Phone #: 432-210-5443
		Attn:	Zip:	State: NM	2
		Company:		exas Ave	188: 408 m. 7
		P.O. #:		Kins	lallayer. D. Ad
ANALYSIS REQUEST		BILL 10			,



February 17, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1

Enclosed are the results of analyses for samples received by the laboratory on 02/10/23 15:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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. Keene

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



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023 Reported: 02/17/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 70 (8') (H230650-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.22	104	6.00	8.66	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/15/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	203	102	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	189	94.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene



02/08/2023

Soil

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: Reported: 02/17/2023 Sampling Type:

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 77 (6') (H230650-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	0.097	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	1.90	0.150	02/16/2023	ND	6.22	104	6.00	8.66	GC-NC1
Total BTEX	2.00	0.300	02/16/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	173	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	02/15/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	250	10.0	02/15/2023	ND	203	102	200	3.05	
DRO >C10-C28*	3820	10.0	02/15/2023	ND	189	94.3	200	2.82	
EXT DRO >C28-C36	456	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023

Reported: 02/17/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H

Project Location: LEA CO., NM

ma/ka

Sample ID: S - 77 (8') (H230650-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a BA: TH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.22	104	6.00	8.66	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/15/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	203	102	200	3.05	
DRO >C10-C28*	35.3	10.0	02/15/2023	ND	189	94.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene



02/08/2023

Soil

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date:

Reported: 02/17/2023 Sampling Type: Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 701048.015.01 Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 78 (5') (H230650-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.22	104	6.00	8.66	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/15/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	203	102	200	3.05	
DRO >C10-C28*	115	10.0	02/15/2023	ND	189	94.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/10/2023
Reported: 02/17/2023
Project Name: ASPEN LEWIS #1

Project Name: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Location: LEA CO., NM

ma/ka

Sampling Date: 02/08/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 79 (5') (H230650-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a BA: TH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.22	104	6.00	8.66	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	203	102	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	189	94.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

Applyzod By: 1H

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

02/08/2023

Soil

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: Reported: 02/17/2023 Sampling Type:

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 701048.015.01 Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 80 (6') (H230650-06)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.14	107	2.00	9.56	
Toluene*	0.147	0.050	02/17/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	0.238	0.050	02/17/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	2.34	0.150	02/17/2023	ND	6.22	104	6.00	8.66	GC-NC1
Total BTEX	2.73	0.300	02/17/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	196	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	532	50.0	02/15/2023	ND	181	90.7	200	0.478	QR-03
DRO >C10-C28*	9960	50.0	02/15/2023	ND	184	91.9	200	5.09	QM-07
EXT DRO >C28-C36	872	50.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	459	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	327	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

 Received:
 02/10/2023
 Sampling Date:
 02/08/2023

 Reported:
 02/17/2023
 Sampling Type:
 Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 80 (8') (H230650-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.22	104	6.00	8.66	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	412	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	34.4	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/10/2023 Reported: 02/17/2023

Project Name: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Location: LEA CO., NM

Sampling Date: 02/08/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 80 (10') (H230650-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a BA: TH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.22	104	6.00	8.66	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	96.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Applyzod By: 1H

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 02/10/2023
 Sampl

 Reported:
 02/17/2023
 Sampl

Project Name: ASPEN LEWIS #1
Project Number: 701048.015.01

Project Location: LEA CO., NM

Sampling Date: 02/08/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 84 (12') (H230650-09)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.22	104	6.00	8.66	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	13.8	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/10/2023

Reported: 02/17/2023

Project Name: ASPEN LEWIS #1

Project Name: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Location: LEA CO., NM

Sampling Date: 02/08/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 86 (10') (H230650-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.22	104	6.00	8.66	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	438	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	40.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	18						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023 Reported: 02/17/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 701048.015.01 Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 86 (12') (H230650-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	< 0.150	0.150	02/16/2023	ND	6.22	104	6.00	8.66	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	6 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023 Reported: 02/17/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 701048.015.01 Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 87 (6') (H230650-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.14	107	2.00	9.56	
Toluene*	<0.050	0.050	02/16/2023	ND	2.10	105	2.00	8.66	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	9.12	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.22	104	6.00	8.66	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023

Reported: 02/17/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: LEA CO., NM

mg/kg

Sample ID: S - 87 (8') (H230650-13)

BTEX 8021B

DILX GOZID	ilig	, kg	Allulyzo	a by. 311/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	6.43	
Toluene*	<0.050	0.050	02/16/2023	ND	2.02	101	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.00	100	2.00	6.56	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.02	100	6.00	6.61	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 02/10/2023
 Sampling Date:
 02/08/2023

 Reported:
 02/17/2023
 Sampling Type:
 Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: LEA CO., NM

Sample ID: S - 87 (10') (H230650-14)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	6.43	
Toluene*	<0.050	0.050	02/16/2023	ND	2.02	101	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.00	100	2.00	6.56	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.02	100	6.00	6.61	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 02/10/2023
 Sampling Date:
 02/08/2023

 Reported:
 02/17/2023
 Sampling Type:
 Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: S - 88 (5') (H230650-15)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	6.43	
Toluene*	<0.050	0.050	02/16/2023	ND	2.02	101	2.00	6.24	
Ethylbenzene*	< 0.050	0.050	02/16/2023	ND	2.00	100	2.00	6.56	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.02	100	6.00	6.61	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023 Reported: 02/17/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 701048.015.01 Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: TT - 89 (2') (H230650-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	6.43	
Toluene*	< 0.050	0.050	02/16/2023	ND	2.02	101	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.00	100	2.00	6.56	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.02	100	6.00	6.61	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	49.1-14	8						

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S-06



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

3-00	matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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

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CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240 (575) 393-2336 FAX (575) 393-2336

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 1 of

Phone #: 432-210-5443 F. Project #: 70104 8. 015.01 P. Project Name: A Span Lowis Project Location: Lag Ca M. Sampler Name: L. Taylor FOR LAB USE ONLY Lab I.D. Lab I.D. Sample I.D. Sample I.D. \$ 30.650 \$ 3.79 \$ 3.7	Ax #: Poject Owner: Comparison Compari	Address: City: State: Zip: Phone #: Fax #: PRESERV. SAMPLING OTHER SOO: OTHER SAMPLING I 305 I 305	EU CXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Standard Standard Standard	Add'I Phone #:	Phone #:
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affiliates or successors arising out of or related to the performance. Relinquished By:	e of services hereunder by Certinat, regardless of whether such claim is to Dock to B. D.	ss of use, or loss of profits incurred by a bassed upon any of the above stated re				
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Relinquished By:	SS	alla som	DEMADICO.			
			KEMAKKS:			
	6.6		Turnaround Time:	-		Dennis Candillo

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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Project #: 701048.015.01 Project Owner:				
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FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	<u> </u>	
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Relinquished By: March Date: 10-23 11me: 35 12me: 35	Received By:		Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	
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February 17, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LEWIS UNIT #01

Enclosed are the results of analyses for samples received by the laboratory on 02/10/23 15:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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. Keene

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



02/08/2023

Soil

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date:
Reported: 02/17/2023 Sampling Type:

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyand By 1H /

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: NSW - 9 D (2') (H230651-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	6.43	
Toluene*	<0.050	0.050	02/16/2023	ND	2.02	101	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.00	100	2.00	6.56	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.02	100	6.00	6.61	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	132	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023

Reported: 02/17/2023 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Sample Received By: Project Number: 701048.015.01 Tamara Oldaker

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: ESW - 2 D (2') (H230651-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	6.43	
Toluene*	<0.050	0.050	02/16/2023	ND	2.02	101	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.00	100	2.00	6.56	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.02	100	6.00	6.61	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023

Reported: 02/17/2023 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Project Number: Sample Received By: 701048.015.01 Tamara Oldaker

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: ESW - 3 D (2') (H230651-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	6.43	
Toluene*	<0.050	0.050	02/16/2023	ND	2.02	101	2.00	6.24	
Ethylbenzene*	< 0.050	0.050	02/16/2023	ND	2.00	100	2.00	6.56	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.02	100	6.00	6.61	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	49.1-14	8						

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Celeg D. Kreene



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023

Reported: 02/17/2023 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: SSW - 1 D (2') (H230651-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	6.43	
Toluene*	<0.050	0.050	02/16/2023	ND	2.02	101	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.00	100	2.00	6.56	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.02	100	6.00	6.61	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023

Reported: 02/17/2023 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact Sample Received By: Project Number: 701048.015.01 Tamara Oldaker

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: SSW - 2 D (2') (H230651-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	6.43	
Toluene*	<0.050	0.050	02/16/2023	ND	2.02	101	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.00	100	2.00	6.56	
Total Xylenes*	< 0.150	0.150	02/16/2023	ND	6.02	100	6.00	6.61	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	6 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/10/2023 Sampling Date: 02/08/2023

Reported: 02/17/2023 Sampling Type: Soil

Project Name: LEWIS UNIT #01 Sampling Condition: Cool & Intact
Project Number: 701048.015.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: ASPEN OIL - LEA COUNTY, NM

Sample ID: WSW - 3 D (2') (H230651-06)

RTFY 8021R

B1EX 8021B	mg,	rky	Allalyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2023	ND	2.05	102	2.00	6.43	
Toluene*	<0.050	0.050	02/16/2023	ND	2.02	101	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/16/2023	ND	2.00	100	2.00	6.56	
Total Xylenes*	<0.150	0.150	02/16/2023	ND	6.02	100	6.00	6.61	
Total BTEX	<0.300	0.300	02/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2023	ND	181	90.7	200	0.478	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	184	91.9	200	5.09	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celeg D. Freene



Insufficient time to reach temperature.

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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.

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

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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476			
Company Name: Talon ILPE	BILL TO	ANALYSIS REQUEST	1
Project Manager: David Adlcin S	P.O. #:		
Address: 408 W. Tekas Ave	Company:		
	Zip: Attn:		_
Phone #: Fax #:	Address:		
10-510-8 40194	ner: City:		_
me: Lewis #	State: Zip:	Ď.	
on: Lan	Phone #:		
The	Fax #:		
Land I	MATRIX PRESERV.	SAMPLING	
Lab I.D. Sample I.D.	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX TPH Chloride	
Z FSW-2 D (2')		1 1 1 2 X X X X 2091 EC-8-C	
1000 - 1000 H		1680 K X X	
6 MSM-3 D (3.)	60	V 1432 × X X	
and client's exclusive re other cause whatsoeve r consequental damage	mody for any claim arising whether based in contract or tort, shall be limited to the an or shall be deemed weived unless made in writing and received by Cardinal within 30 is, including without limitation business interruptions, loss of use, or loss of profils inco. Including without limitation of whether such claim is heard unon any of the above.	te amount paid by the client for the in 30 days after completion of the applicable is incurred by client, its subdistance, bow stated reasons or otherwise.	
Rejinquished By:	Received By:	>4	
Relinquished By: Time:	Received By:	REMARKS:	
Delivered By: (Circle One) Observed Temp. °C Sampler - UPS - Bus - Other: Corrected Temp. °C	Sample Condition CHECKED BY: Cool Intact (Initials) No No No	DBY: Turnaround Time: Standard Bacteria (only) Sample Condition ls) Coorrection Factor -0.6°C Bacteria (only) Sample Condition Coorrected Temp. °C No No No Corrected Temp. °C	



May 05, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1

Enclosed are the results of analyses for samples received by the laboratory on 04/28/23 15:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celecy D. Keine

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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



Analytical Results For:

TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 Project: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Manager: DAVID ADKINS

Manager: DAVID ADKINS Fax To: (575) 745-8905 Reported: 05-May-23 11:14

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 67 (4') S - 67 (5') S - 68 (4') S - 68 (5')	H232108-01 H232108-02 H232108-03 H232108-04	Soil Soil Soil	28-Apr-23 13:30 28-Apr-23 13:35 28-Apr-23 13:15 28-Apr-23 13:20	28-Apr-23 15:20 28-Apr-23 15:20 28-Apr-23 15:20 28-Apr-23 15:20

05/05/23 - Client added analysis on 05/03/23 (see COC). This is the revised report and will replace the one sent on 05/03/23.

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Analytical Results For:

TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 Project: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Manager: DAVID ADKINS

Manager: DAVID ADKINS Fax To: (575) 745-8905 Reported: 05-May-23 11:14

S - 67 (4') H232108-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1720		16.0	mg/kg	4	3050141	AC	01-May-23	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3050104	JH/	01-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3050104	JH/	01-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3050104	JH/	01-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3050104	JH/	01-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3050104	JH/	01-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	3050104	JH/	01-May-23	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3050107	MS	02-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050107	MS	02-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050107	MS	02-May-23	8015B	
Surrogate: 1-Chlorooctane			68.3 %	48.2	-134	3050107	MS	02-May-23	8015B	
Surrogate: 1-Chlorooctadecane			77.4 %	49.1	-148	3050107	MS	02-May-23	8015B	

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Analytical Results For:

TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 Project: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Manager: DAVID ADKINS

Manager: DAVID ADKINS Fax To: (575) 745-8905 Reported: 05-May-23 11:14

S - 67 (5') H232108-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	2240		16.0	mg/kg	4	3050433	AC	04-May-23	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3050407	JH	04-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3050407	JH	04-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3050407	JH	04-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3050407	JH	04-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3050407	JH	04-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		101 %	71.5	-134	3050407	JH	04-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3050411	MS	04-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050411	MS	04-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050411	MS	04-May-23	8015B	
Surrogate: 1-Chlorooctane			87.8 %	48.2	-134	3050411	MS	04-May-23	8015B	
Surrogate: 1-Chlorooctadecane			107 %	49.1	-148	3050411	MS	04-May-23	8015B	

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Analytical Results For:

TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 Project: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Manager: DAVID ADKINS

lanager: DAVID ADKINS Fax To: (575) 745-8905 Reported: 05-May-23 11:14

S - 68 (4') H232108-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	3120		16.0	mg/kg	4	3050141	AC	01-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3050104	JH/	01-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3050104	JH/	01-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3050104	JH/	01-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3050104	JH/	01-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3050104	JH/	01-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PII			107 %	71.5	-134	3050104	JH/	01-May-23	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3050107	MS	02-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050107	MS	02-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050107	MS	02-May-23	8015B	
Surrogate: 1-Chlorooctane			65.8 %	48.2	-134	3050107	MS	02-May-23	8015B	
Surrogate: 1-Chlorooctadecane			75.3 %	49.1	-148	3050107	MS	02-May-23	8015B	

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Reported:



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 Project: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Manager: DAVID ADKINS

05-May-23 11:14

Fax To: (575) 745-8905

S - 68 (5') H232108-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	2520		16.0	mg/kg	4	3050433	AC	04-May-23	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	3050407	JH	04-May-23	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	3050407	JH	04-May-23	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3050407	JH	04-May-23	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	3050407	JH	04-May-23	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	3050407	JH	04-May-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		99.4 %	71.5	-134	3050407	JH	04-May-23	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	3050411	MS	04-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3050411	MS	04-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3050411	MS	04-May-23	8015B	
Surrogate: 1-Chlorooctane			91.6 %	48.2	-134	3050411	MS	04-May-23	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	3050411	MS	04-May-23	8015B	

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Celeg D. Keene



Analytical Results For:

TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 Project: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Manager: DAVID ADKINS

Fax To: (575) 745-8905

Reported: 05-May-23 11:14

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3050141 - 1:4 DI Water										
Blank (3050141-BLK1)				Prepared &	Analyzed:	01-May-23	i			
Chloride	ND	16.0	mg/kg							
LCS (3050141-BS1)				Prepared &	Analyzed:	01-May-23	i			
Chloride	432	16.0	mg/kg	400		108	80-120		·	
LCS Dup (3050141-BSD1)				Prepared &	Analyzed:	01-May-23	i			
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 3050433 - 1:4 DI Water										
Blank (3050433-BLK1)				Prepared &	Analyzed:	04-May-23	i			
Chloride	ND	16.0	mg/kg							
LCS (3050433-BS1)				Prepared &	Analyzed:	04-May-23	i			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3050433-BSD1)				Prepared &	Analyzed:	04-May-23				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Celeg D. Keene



%REC

Analytical Results For:

TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 Project: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Manager: DAVID ADKINS

Fax To: (575) 745-8905

Spike

Source

Reported: 05-May-23 11:14

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

		Reporting		Spike	Source		%KEC		KPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3050104 - Volatiles										
Blank (3050104-BLK1)				Prepared &	: Analyzed:	01-May-2	3			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0509		mg/kg	0.0500		102	71.5-134			
LCS (3050104-BS1)				Prepared &	Analyzed:	01-May-2	3			
Benzene	2.08	0.050	mg/kg	2.00		104	81.4-118			
Toluene	2.12	0.050	mg/kg	2.00		106	88.7-121			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	86.1-120			
m,p-Xylene	4.45	0.100	mg/kg	4.00		111	88.2-124			
o-Xylene	2.15	0.050	mg/kg	2.00		108	84.9-118			
Total Xylenes	6.60	0.150	mg/kg	6.00		110	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0512		mg/kg	0.0500		102	71.5-134			
LCS Dup (3050104-BSD1)				Prepared &	Analyzed:	01-May-2	3			
Benzene	2.04	0.050	mg/kg	2.00		102	81.4-118	1.60	15.8	
Toluene	2.11	0.050	mg/kg	2.00		105	88.7-121	0.626	15.9	
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	86.1-120	1.41	16	
m,p-Xylene	4.37	0.100	mg/kg	4.00		109	88.2-124	1.77	16.2	
o-Xylene	2.10	0.050	mg/kg	2.00		105	84.9-118	2.66	16.7	
Total Xylenes	6.47	0.150	mg/kg	6.00		108	87.3-122	2.06	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	71.5-134			
Batch 3050407 - Volatiles										
Blank (3050407-BLK1)				Prepared &	Analyzed:	04-May-2	3			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							

Cardinal Laboratories

Ethylbenzene

Total Xylenes

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mg/kg

mg/kg

ND

ND

0.050

0.150

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210

Project: ASPEN LEWIS #1 Project Number: 701048.015.01 Project Manager: DAVID ADKINS

Fax To: (575) 745-8905

Reported: 05-May-23 11:14

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3050407 - Volatiles										
Blank (3050407-BLK1)				Prepared &	Analyzed:	04-May-23	3			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0505		mg/kg	0.0500		101	71.5-134			
LCS (3050407-BS1)				Prepared &	Analyzed:	04-May-23	3			
Benzene	1.84	0.050	mg/kg	2.00		92.2	81.4-118			
Toluene	1.85	0.050	mg/kg	2.00		92.4	88.7-121			
Ethylbenzene	1.80	0.050	mg/kg	2.00		90.2	86.1-120			
m,p-Xylene	3.73	0.100	mg/kg	4.00		93.3	88.2-124			
o-Xylene	1.79	0.050	mg/kg	2.00		89.7	84.9-118			
Total Xylenes	5.52	0.150	mg/kg	6.00		92.1	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0476		mg/kg	0.0500		95.3	71.5-134			
LCS Dup (3050407-BSD1)				Prepared &	Analyzed:	04-May-23	3			
Benzene	2.01	0.050	mg/kg	2.00		101	81.4-118	8.61	15.8	
Toluene	2.02	0.050	mg/kg	2.00		101	88.7-121	8.83	15.9	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.4	86.1-120	9.75	16	
m,p-Xylene	4.12	0.100	mg/kg	4.00		103	88.2-124	9.86	16.2	
o-Xylene	2.01	0.050	mg/kg	2.00		100	84.9-118	11.2	16.7	
Total Xylenes	6.12	0.150	mg/kg	6.00		102	87.3-122	10.3	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0478		mg/kg	0.0500		95.5	71.5-134			

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Celeg D. Keene



Analytical Results For:

TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 Project: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Manager: DAVID ADKINS

Fax To: (575) 745-8905

Reported: 05-May-23 11:14

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3050107 - General Prep - Organics										
Blank (3050107-BLK1)				Prepared &	: Analyzed:	01-May-2	3			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	54.4		mg/kg	49.6		110	48.2-134			
Surrogate: 1-Chlorooctadecane	61.9		mg/kg	50.0		124	49.1-148			
LCS (3050107-BS1)				Prepared &	Analyzed:	01-May-2	3			
GRO C6-C10	168	10.0	mg/kg	200		83.8	78.5-124			
DRO >C10-C28	177	10.0	mg/kg	200		88.5	72.5-126			
Total TPH C6-C28	345	10.0	mg/kg	400		86.1	77.6-123			
Surrogate: 1-Chlorooctane	57.9		mg/kg	49.6		117	48.2-134			
Surrogate: 1-Chlorooctadecane	69.1		mg/kg	50.0		138	49.1-148			
LCS Dup (3050107-BSD1)				Prepared &	Analyzed:	01-May-2	3			
GRO C6-C10	171	10.0	mg/kg	200		85.3	78.5-124	1.74	17.7	
DRO >C10-C28	179	10.0	mg/kg	200		89.5	72.5-126	1.16	21	
Total TPH C6-C28	350	10.0	mg/kg	400		87.4	77.6-123	1.44	18.5	
Surrogate: 1-Chlorooctane	59.6		mg/kg	49.6		120	48.2-134			
Surrogate: 1-Chlorooctadecane	69.8		mg/kg	50.0		140	49.1-148			
Batch 3050411 - General Prep - Organics										
Blank (3050411-BLK1)				Prepared &	Analyzed:	04-May-2	3			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	45.8		mg/kg	49.6		92.4	48.2-134			
Surrogate: 1-Chlorooctadecane	57.4		mg/kg	50.0		115	49.1-148			

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

TALON LPE 408 W. TEXAS AVE. ARTESIA NM, 88210 Project: ASPEN LEWIS #1
Project Number: 701048.015.01
Project Manager: DAVID ADKINS

Fax To: (575) 745-8905

Spike

Source

05-May-23 11:14

Reported:

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3050411 - General Prep - Organics										
LCS (3050411-BS1)				Prepared &	k Analyzed:	04-May-23	3			
GRO C6-C10	192	10.0	mg/kg	200		96.0	78.5-124			
DRO >C10-C28	191	10.0	mg/kg	200		95.5	72.5-126			
Total TPH C6-C28	383	10.0	mg/kg	400		95.8	77.6-123			
Surrogate: 1-Chlorooctane	47.8		mg/kg	49.6		96.4	48.2-134			
Surrogate: 1-Chlorooctadecane	61.0		mg/kg	50.0		122	49.1-148			
LCS Dup (3050411-BSD1)				Prepared &	k Analyzed:	04-May-23	3			
GRO C6-C10	182	10.0	mg/kg	200		90.9	78.5-124	5.43	17.7	
DRO >C10-C28	188	10.0	mg/kg	200		94.0	72.5-126	1.57	21	
Total TPH C6-C28	370	10.0	mg/kg	400		92.5	77.6-123	3.49	18.5	
Surrogate: 1-Chlorooctane	50.4		mg/kg	49.6		102	48.2-134			
Surrogate: 1-Chlorooctadecane	57.4		mg/kg	50.0		115	49.1-148			

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Notes and Definitions

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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O Add'I Phone #:	above stated reasons or otherwise.	ng without limitation, business interruptions, loss of use, or loss of profile enumerous, Cardinal, regardless of whether such claim is based upon any of the above stated to	analyses. At claims including where the responsibility of consequental damages, including without limitation, business interruptions, loss of use, or loss of poins sicuriously when a service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of poins sicuriously when a service is no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of poins sicuriously when a service is not event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of poins sicuriously when the consequent shall cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of poins sicuriously when the consequent shall be liable for incidental or consequent shall be liable for incidental or consequent shall be shall be liable for incidental or consequent shall be shall
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γ.ε		Company:	Address: 408 W. Texas Ave
· .		7.0. 共	Project Manager: NO. AdVins
	-		company Name: Talon LPE
ANALYSIS REQUEST	70	BILL	(575) 393-2326 FAX (5/5) 393-24/6
		70	TO LESC MARIANA, TOWNS OF SA



February 02, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1 - PASTURE

Enclosed are the results of analyses for samples received by the laboratory on 01/27/23 16:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: .02 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: C - 1 (4') (H230419-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.44	107	6.00	1.82	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	227	114	200	10.6	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	229	115	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celeg D. Keene



01/27/2023

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date:

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: .02 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: C - 2 (4') (H230419-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.44	107	6.00	1.82	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	227	114	200	10.6	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	229	115	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	83.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact Sample Received By: Project Number: .02 Tamara Oldaker

LEA CO., NM Project Location:

Sample ID: C - 3 (4') (H230419-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.44	107	6.00	1.82	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	133 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	227	114	200	10.6	
DRO >C10-C28*	358	10.0	01/30/2023	ND	229	115	200	9.54	
EXT DRO >C28-C36	31.2	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact Sample Received By: Project Number: .02 Tamara Oldaker

LEA CO., NM Project Location:

Sample ID: C - 4 (4') (H230419-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	0.506	0.150	01/31/2023	ND	6.44	107	6.00	1.82	GC-NC1
Total BTEX	0.506	0.300	01/31/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	149 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	35.9	10.0	01/30/2023	ND	227	114	200	10.6	
DRO >C10-C28*	927	10.0	01/30/2023	ND	229	115	200	9.54	
EXT DRO >C28-C36	102	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact Project Number: Sample Received By: .02 Tamara Oldaker

LEA CO., NM Project Location:

Sample ID: C - 5 (4') (H230419-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	0.462	0.150	01/31/2023	ND	6.44	107	6.00	1.82	GC-NC1
Total BTEX	0.462	0.300	01/31/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	150 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.4	10.0	01/30/2023	ND	227	114	200	10.6	
DRO >C10-C28*	491	10.0	01/30/2023	ND	229	115	200	9.54	
EXT DRO >C28-C36	46.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: .02 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: C - 6 (4') (H230419-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.44	107	6.00	1.82	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	227	114	200	10.6	
DRO >C10-C28*	20.3	10.0	01/30/2023	ND	229	115	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: .02 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: C - 7 (4') (H230419-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	0.531	0.150	01/31/2023	ND	6.44	107	6.00	1.82	GC-NC1
Total BTEX	0.531	0.300	01/31/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	152	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	48.7	10.0	01/30/2023	ND	227	114	200	10.6	
DRO >C10-C28*	971	10.0	01/30/2023	ND	229	115	200	9.54	
EXT DRO >C28-C36	91.4	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: .02 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: C - 8 (4') (H230419-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	0.591	0.150	01/31/2023	ND	6.44	107	6.00	1.82	GC-NC1
Total BTEX	0.591	0.300	01/31/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	166	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	63.9	10.0	01/30/2023	ND	227	114	200	10.6	
DRO >C10-C28*	1510	10.0	01/30/2023	ND	229	115	200	9.54	
EXT DRO >C28-C36	154	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact Sample Received By: Project Number: .02 Tamara Oldaker

LEA CO., NM Project Location:

Sample ID: C - 9 (4') (H230419-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	0.268	0.150	01/31/2023	ND	6.44	107	6.00	1.82	GC-NC1
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	140 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	17.7	10.0	01/30/2023	ND	227	114	200	10.6	
DRO >C10-C28*	455	10.0	01/30/2023	ND	229	115	200	9.54	
EXT DRO >C28-C36	42.2	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact Project Number: Sample Received By: .02 Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: CWSW - 1 (4') (H230419-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	< 0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	< 0.150	0.150	01/31/2023	ND	6.44	107	6.00	1.82	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	123 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	178	88.9	200	1.75	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	169	84.3	200	0.413	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: .02 Sample Received By: Tamara Oldaker

Applyzod By: 1H

Project Location: LEA CO., NM

Sample ID: CNSW - 1 (4') (H230419-11)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.44	107	6.00	1.82	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	178	88.9	200	1.75	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	169	84.3	200	0.413	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact Sample Received By: Project Number: .02 Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: CNSW - 2 (4') (H230419-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	< 0.150	0.150	01/31/2023	ND	6.44	107	6.00	1.82	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	178	88.9	200	1.75	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	169	84.3	200	0.413	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: .02 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: CNSW - 3 (4') (H230419-13)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	0.369	0.150	01/31/2023	ND	6.44	107	6.00	1.82	GC-NC1
Total BTEX	0.369	0.300	01/31/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	150	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	18.6	10.0	01/30/2023	ND	178	88.9	200	1.75	
DRO >C10-C28*	684	10.0	01/30/2023	ND	169	84.3	200	0.413	
EXT DRO >C28-C36	73.9	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: .02 Sample Received By: Tamara Oldaker

Applyzod By: 1H

Project Location: LEA CO., NM

Sample ID: CSSW - 1 (4') (H230419-14)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a BA: TH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.44	107	6.00	1.82	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	178	88.9	200	1.75	
DRO >C10-C28*	15.9	10.0	01/31/2023	ND	169	84.3	200	0.413	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact Sample Received By: Project Number: .02 Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: CSSW - 2 (4') (H230419-15)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.44	107	6.00	1.82	
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	134 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	178	88.9	200	1.75	
DRO >C10-C28*	121	10.0	01/31/2023	ND	169	84.3	200	0.413	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	99.6 % 48.2-13		4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 01/27/2023 Sampling Date: 01/27/2023

Reported: 02/02/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: .02 Sample Received By: Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: CSSW - 3 (4') (H230419-16)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.87	93.6	2.00	2.24	
Toluene*	<0.050	0.050	01/31/2023	ND	2.11	105	2.00	1.75	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.07	103	2.00	2.16	
Total Xylenes*	0.244	0.150	01/31/2023	ND	6.44	107	6.00	1.82	GC-NC1
Total BTEX	<0.300	0.300	01/31/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	139	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	01/31/2023	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	178	88.9	200	1.75	
DRO >C10-C28*	222	10.0	01/31/2023	ND	169	84.3	200	0.413	
EXT DRO >C28-C36	16.9	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.3	% 49.1-14	18						

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with

interfering compounds.

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

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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1

(010) 000	-2-CCC (C.C) VW 07C7-	10				
Company Name: Talan	LPE		BILL TO		ANALYSIS	SIS REQUEST
Project Manager: David	ANKINS	P.O.	0. #:			
Address: 408 W.	Texas Ave	Co	Company:			
0	State: NM	Zip: At	Attn:			
Phone #: 431-215 - 5443	443 Fax#:	Ad	Address:			
Project #:	02 Project Owner:		City:			
ame: Aspen	Lewis #1 Pasture		State: Zip:			
			Phone #:			
L. Tax	0	Fa	Fax #:		S	
FOR LAB USE ONLY		MATRIX	PRESERV. SAME	SAMPLING	de	
Lab I.D. Sa	Sample I.D.	G)RAB OR (C)OME # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	BTEX TPH Chloric	Chlori	
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()	(4)	1 1 3		1258 X X	X	
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Page 19 of 20

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88240	S

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Sample Condition Cool Infact Tyes Yes	red by:	Churaka L	Received By:	nalyses. All claims including those for negligence and any other cause whatsoever shall be deemed waked unless made in writing and received or current writer to profits incurred by clent, its subadisties, and or unless that Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by clent, its subadisties, and or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by clent, its subadisties, and or consequental damages, including without limitation, business indexed unless of use, or loss of profits incurred by clent, its subadisties, and or consequental damages, including without limitation, business indexed unless or consequental damages.	EASE NOTE: I ability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or but, shall be limited to the amount paid by the client for the						-		-	0.000		MAININ	Fa	Pho	State:	City:	Ado	Attn:	Con	P.O.	
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Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C	Sample Condition					-																			

Page 20 of 20



February 14, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1 - PASTURE

Enclosed are the results of analyses for samples received by the laboratory on 02/08/23 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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. Keene

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



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/08/2023 Sampling Date: 02/08/2023

Reported: 02/14/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: 701048.016.01 Sample Received By: Tamara Oldaker

A ... - I. ... - - I D. ... 311 /

Project Location: LEA CO., NM

Sample ID: C - 7 (5') (H230592-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2023	ND	1.95	97.5	2.00	0.692		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	101	2.00	1.20		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.98	99.0	2.00	1.71		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.16	103	6.00	2.24		
Total BTEX	<0.300	0.300	02/12/2023	ND						
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	02/11/2023	ND	416	104	400	0.00		
TPH 8015M	mg	/kg	Analyze	d By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	33.3	10.0	02/11/2023	ND	195	97.4	200	1.92		
DRO >C10-C28*	1910	10.0	02/11/2023	ND	204	102	200	0.555		
EXT DRO >C28-C36	203	10.0	02/11/2023	ND						
Surrogate: 1-Chlorooctane	110	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	160	% 49.1-14	8							

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Celey D. Keene



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/08/2023 Sampling Date: 02/08/2023

Reported: 02/14/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: 701048.016.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: LEA CO., NM

ma/ka

Sample ID: C - 8 (6') (H230592-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2023	ND	1.95	97.5	2.00	0.692	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	101	2.00	1.20	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.98	99.0	2.00	1.71	
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.16	103	6.00	2.24	
Total BTEX	<0.300	0.300	02/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	02/11/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	ND	195	97.4	200	1.92	
DRO >C10-C28*	30.8	10.0	02/11/2023	ND	204	102	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received: 02/08/2023 Sampling Date: 02/08/2023

Reported: 02/14/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact Project Number: Sample Received By: 701048.016.01 Tamara Oldaker

Project Location: LEA CO., NM

Sample ID: CNSW - 3 (1') (H230592-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2023	ND	1.95	97.5	2.00	0.692	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	101	2.00	1.20	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.98	99.0	2.00	1.71	
Total Xylenes*	< 0.150	0.150	02/12/2023	ND	6.16	103	6.00	2.24	
Total BTEX	<0.300	0.300	02/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	02/11/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	ND	195	97.4	200	1.92	
DRO >C10-C28*	15.4	10.0	02/11/2023	ND	204	102	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	49.1-14	8						

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 02/08/2023 Sampling Date: 02/08/2023

Reported: 02/14/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: 701048.016.01 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: LEA CO., NM

Sample ID: CSSW - 2 (1') (H230592-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2023	ND	1.95	97.5	2.00	0.692	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	101	2.00	1.20	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.98	99.0	2.00	1.71	
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.16	103	6.00	2.24	
Total BTEX	<0.300	0.300	02/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/11/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	ND	195	97.4	200	1.92	
DRO >C10-C28*	48.4	10.0	02/11/2023	ND	204	102	200	0.555	
EXT DRO >C28-C36	11.0	10.0	02/11/2023	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

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Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 02/08/2023 Sampling Date: 02/08/2023

Reported: 02/14/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: 701048.016.01 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: LEA CO., NM

mg/kg

Sample ID: CSSW - 3 (1') (H230592-05)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2023	ND	1.95	97.5	2.00	0.692	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	101	2.00	1.20	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.98	99.0	2.00	1.71	
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.16	103	6.00	2.24	
Total BTEX	<0.300	0.300	02/12/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/11/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	ND	195	97.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	02/11/2023	ND	204	102	200	0.555	
EXT DRO >C28-C36	<10.0	10.0	02/11/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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TAILOR LPE TAILOR LAW BILL TO State: AIM ZIP: ASPEN LOWIS #1 POSTALTE ASPEN LOWIS #1 POSTALTE Fax #: CTY: Sample I.D. Sample I	TAILON LPE TAILON TEXAC AUR State: ALW State: ALW State: ALW Address: City: City: State: Zip: PROSTANTER FAX #: FAX #: City: FAX #: FAX #: City: FAX #: FAX #: FAX #: FAX #: City: FAX #: FA		ompletion of the applicable nt, its subsidiaries,	er based in contract or rort, salar or minimo or or salar or smade in writing and received by Cardinal within 30 days after or smade in writing and received by Cardinal within 30 days after or smade in horizontal by clie	is liability and client's exclusive remedy for any claim arising wheth se and any other cause whatsoever shall be deemed waived unless	PLEASE NOTE: Liability and Damages. Cardinal analyses. All claims including those for negligenous
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May 03, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ASPEN LEWIS #1 - PASTURE

Enclosed are the results of analyses for samples received by the laboratory on 04/28/23 15:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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)

Celey D. Keene

Accreditation applies to public drinking water matrices.

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



Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/28/2023 Sampling Date: 04/28/2023

Reported: 05/03/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: 701048.016.01 Sample Received By: Shalyn Rodriguez

A ... - b ... - d D. .. 311 /

Project Location: LEA CO., NM

Sample ID: C - 7 (6') (H232109-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2023	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.60	110	6.00	2.06	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	05/01/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	299	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	37.4	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	65.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 04/28/2023 Sampling Date: 04/28/2023

Reported: 05/03/2023 Sampling Type: Soil

Project Name: ASPEN LEWIS #1 - PASTURE Sampling Condition: Cool & Intact
Project Number: 701048.016.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: LEA CO., NM

Sample ID: CNSW - 3 (2') (H232109-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2023	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.60	110	6.00	2.06	
Total BTEX	<0.300	0.300	05/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/01/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	119	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	22.2	10.0	05/02/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: (Glow/LPE		BILL TO			ANALYSIS REQUEST
E.		P.O. #:			_
Address: 408 W Texas Ave		Company:			
City: Artesia State: NM zip:		Attn:			
Phone #: 432-210-5443 Fax #:		Address:		_	
Project #: 761 648. 016.01 Project Owner		City:			
Project Name: Aspen Lewis # Pasture		State: Zip:			
Project Location: Log Co, NM		#			
-		Fax #:		_	
FOR LAB USE ONLY	MATRIX	ESERV.	SAMPLING		
Lab I.D. Sample I.D.	WATER		vides		
,	# CONTA GROUNE WASTEW SOIL OIL SLUDGE	OTHER: ACID/BAS ICE / COC OTHER:	Chlo	BTE	
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those for negligence and any other ca final be liable for incidental or conseque out of or related to the performance of	to exclusive remoty or any clean assay whether based in contract or fort, shall be limited to the amount paid use whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after ental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by ci- services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated one	ort, shall be limited to the amount pail ceived by Cardinal within 30 days after of use, or loss of profits incurred by o	d by the client for the r completion of the applicable lient, its subsidiaries,		
House by:	Received By:	CONTOR	Verbal Result: All Results are email	Yes ☐ No A ed. Please provid	Add'l Phone #: de Email address:
Cond	Received By:	and	REMARKS:		
Time:					
Delivered By: (Circle One) Observed Temp. °C Sampler - UPS - Bus - Other: Corrected Temp. °C	Sample Condition Cool Intact Pres Tyes	CHECKED BY:	Turnaround Time: Thermometer ID #113	Standard Rush	_/\
FORM-000 R 3.3 07/18/22		7	Correction Factor -0.6°C		☐ Nc ☐ No Corrected Temp. °C

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 225966

CONDITIONS

Operator:	OGRID:
ASPEN OPERATING COMPANY LLC	217598
6777 Camp Bowie Blvd.	Action Number:
Fort Worth, TX 76116	225966
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created	Condition	Condition
Ву		Date
nvelez	Deferral request is approved. Remediation Due date left open until the well site has been plugged and abandoned.	9/12/2023