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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
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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

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

Approximate Depth to Groundwater > 55 feet bgs

- Yes No Within 300 feet of any continuously flowing watercourse or any other significant watercourse
- Yes No Within 200 feet of any lakebed, sinkhole or a playa lake
- Yes No Within 300 feet from an occupied permanent residence, school, hospital, institution or church
- Yes No Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes
- Yes No Within 1000 feet of any freshwater well or spring
- Yes No Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
- 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.

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

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

Table I Closure Criteria for Soils Impacted by a Release			
Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
0-50 feet	Total Chlorides	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	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 1
Pad 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 = 1,000 mg/kg			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
	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
	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
	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
	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
BH = Borehole with Geoprobe ND = Analyte Not Detected R = Refusal with Geoprobe									

Table 2
Pasture 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 combined = 100 mg/kg			100 mg/kg	600 mg/kg
P-1	11/10/2022	1'	ND	ND	ND	ND	ND	-	48.0
	11/10/2022	2'	ND	ND	ND	ND	ND	-	480
	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	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
P-2	11/10/2022	1'	ND	ND	ND	1690	296	1986	80.0
	11/10/2022	2'	3.52	ND	475	4800	474	5749	48.0
	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
P-3	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
	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 (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](#). 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 stringent 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 (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](#) and summarized in the following data tables.

Table 7
Pasture 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
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			10 mg/kg	50 mg/kg	DRO + GRO combined = 1,000 mg/kg			2,500 mg/kg	10,000 mg/kg
C-1	1/27/2023	4'	ND	ND	ND	ND	ND	-	288
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
C-7	1/27/2023	4'	ND	0.531	48.7	971	91.4	1111.1	560
	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
	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 = Confirmation Sample ND = Analyte Not Detected									

Table 8
Pasture Closure Analytical Data for Sidewall Sampling

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	-	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
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
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 = Confirmation West Side Wall CNSW = Confirmation North Side Wall CSSW = Confirmation South Side Wall ND = Analyte Not Detected									

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](#).

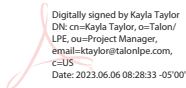
Deferment Request

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
Taylor** 
Digitally signed by Kayla Taylor
DN: cn=Kayla Taylor, o=Talon/
LPE, ou=Project Manager,
email=ktaylor@talonlpe.com,
c=US
Date: 2023.06.06 08:28:33 -05'00'

Kayla Taylor
Project Manager

**David J
Adkins** 
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ou=Regional Manager,
email=dadkins@talonlpe.com, c=US
Date: 2023.06.08 11:12:26 -06'00'

David J. Adkins
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

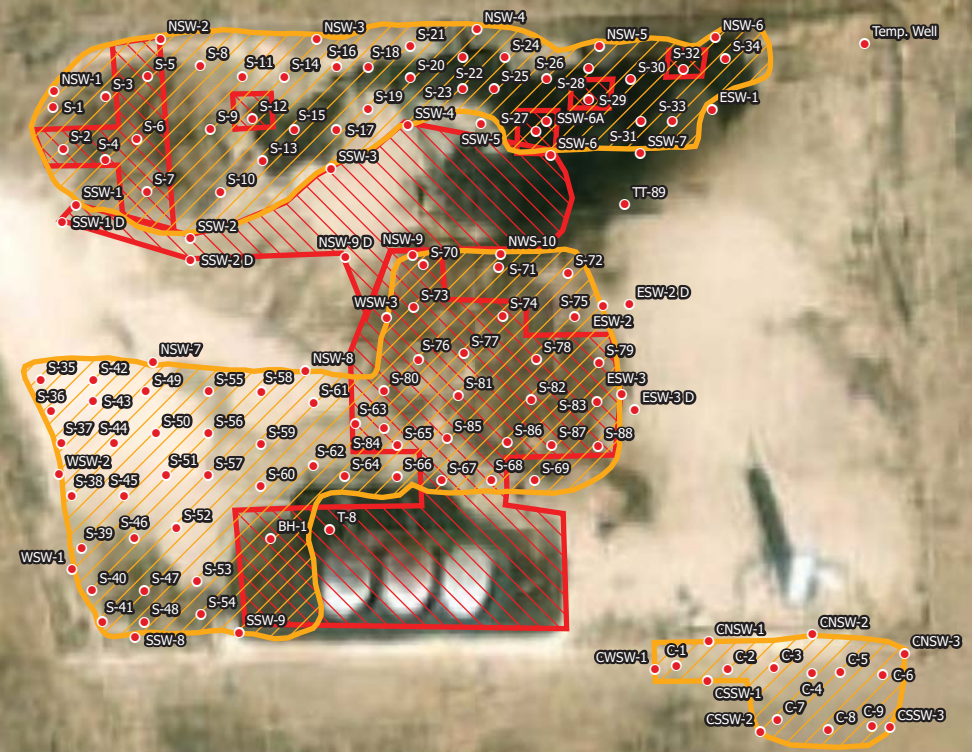
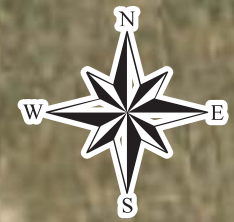


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 1 in = 60 ft
 Drafted By: JAI

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



Legend

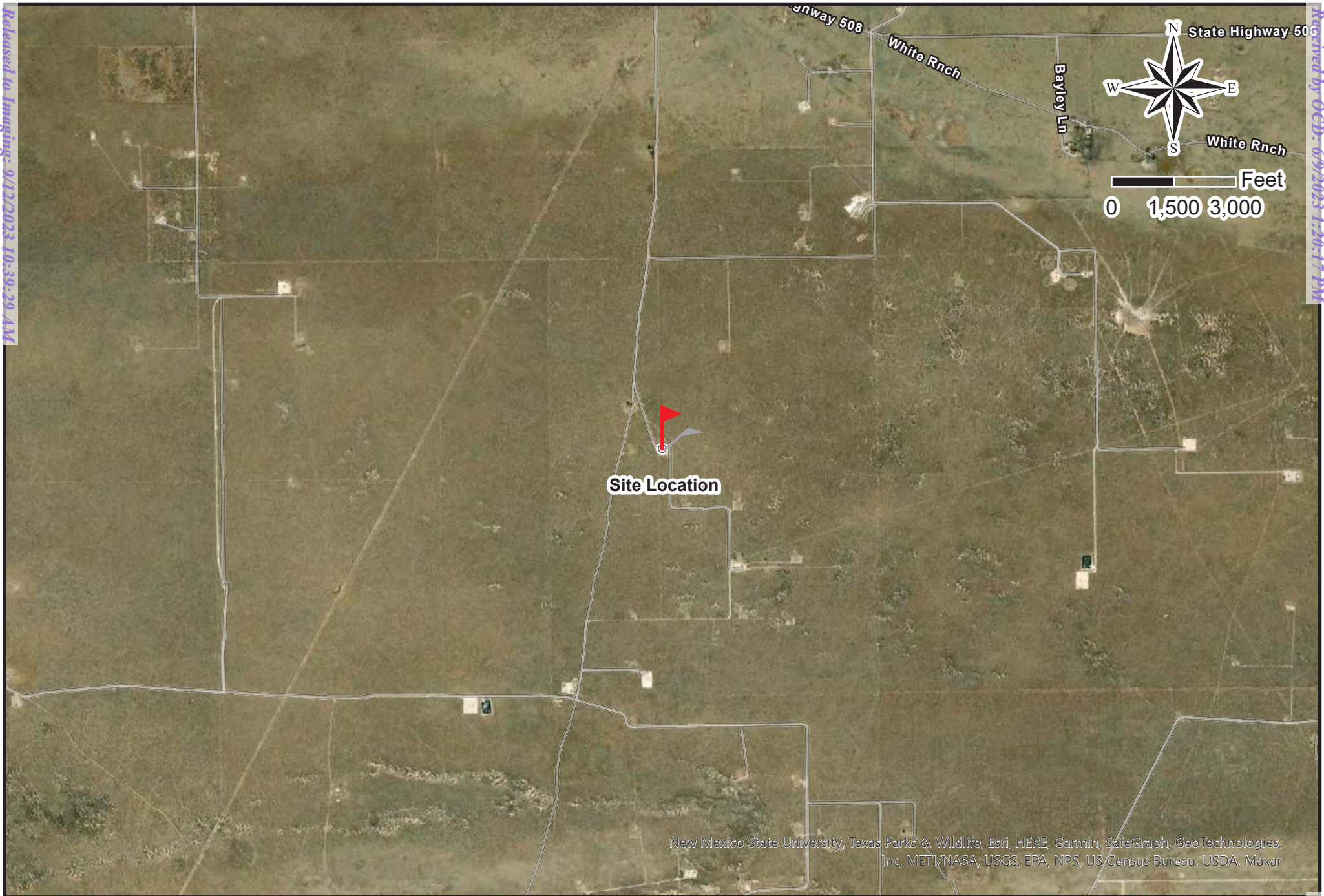
- Sample Location
- ▨ Deferment Area
- ▨ Excavation Area

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 1 in = 60 ft
 Drafted By: JAI

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

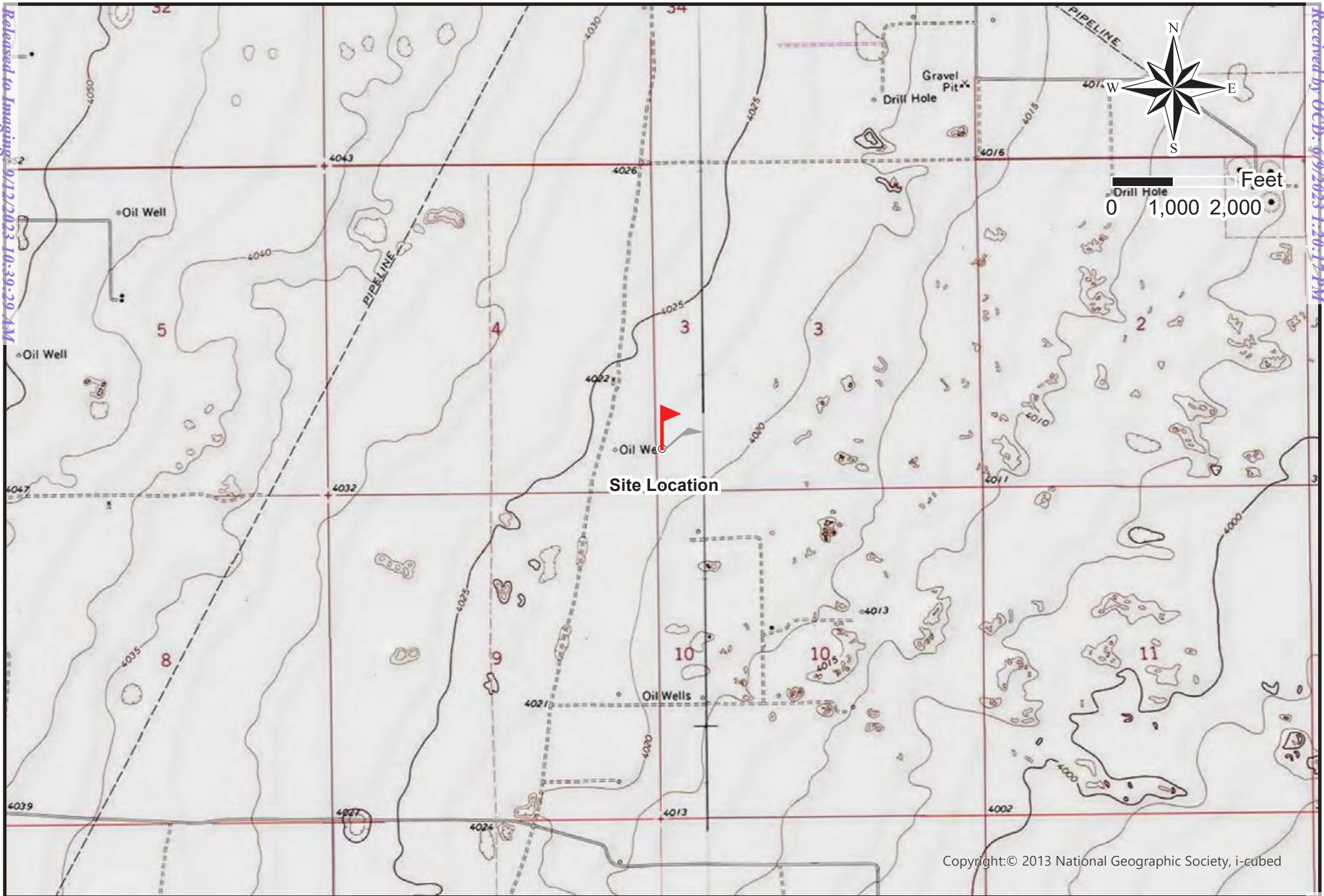


New Mexico State University, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar



Drafted: 3/3/2023
 1 in = 3,000 ft
 Drafted By: JAI

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

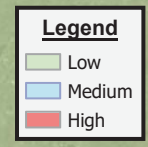


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Aspen Operating Company, LLC
 Lewis #1
 Lea County
 Figure 4 - Topographic Map



Site Location

A red flag icon with a white pole and a white circular base, positioned on a road intersection. A small blue arrow points from the text 'Site Location' to the flag.

Maxar



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 1 in = 2,000 ft
 Drafted By: JAI

Aspen Operating Company, LLC
 Lewis #1
 Lea County
 Figure 5 - Karst Map



APPENDIX II

Analytical Data Tables

Table 3
 Pad Closure 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 Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1,000 mg/kg			2,500 mg/kg	10,000 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 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 Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1,000 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 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 Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1,000 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 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 Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1,000 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
		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

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		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	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			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

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

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 Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1,000 mg/kg			2,500 mg/kg	10,000 mg/kg
Borehole Delineation Sample Results									
BH-1	10/21/2022	10'	ND	ND	ND	38.1	ND	38.1	688
	10/21/2022	16'	ND	ND	ND	20.5	ND	20.5	272
	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 Delineation Sample Results									
T-8	11/9/2022	6'	1.05	ND	721	9190	831	10742	1100
	11/9/2022	12'	ND	ND	ND	85.2	10.6	95.8	256
	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 Areas with Vertical Delineation Sample Results									
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	1/17/2023	6'	ND	ND	193	9410	723	10326	240
		8'	ND	ND	ND	439	17.8	456.8	272
S-4	10/19/2022	3'	0.0348	ND	29.0	994	ND	1020	129
S-4A	11/18/2022	4'	ND	ND	ND	4050	224	4274	416
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 Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1,000 mg/kg			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
S-27A	11/9/2022	6'	ND	ND	108	2590	297	2995	528
		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
		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
S-32	1/17/2023	6'	ND	ND	10.6	274	ND	284.6	32.0
		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

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 Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1,000 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 Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 1,000 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 Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO = 100 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	3'	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	4'	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

PROJECT: <u>Lewis #1</u>	DRILLING COMPANY: <u>Glenn's Water Well Service</u>
PROJECT NUMBER: <u>701048.015.01</u>	DRILLER: _____
CLIENT: <u>Aspen Operating</u>	DRILLING METHOD: <u>Air Rotary</u>
BORING / WELL NUMBER: <u>Temp Well</u>	BORE HOLE DIAMETER: <u>6 3/4"</u>
TOTAL DEPTH: <u>55'</u>	SCREEN: Diam. _____ Length _____ Slot Size _____
SURFACE ELEVATION: _____	CASING: Diam. _____ Length _____ Type _____
GEOLOGIST: <u>K. Taylor</u>	DATE DRILLED: <u>10/21/2022</u>
LATITUDE: <u>33.470894</u>	LONGITUDE: <u>-103.25351</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
0									
	SW							Silty Sand with Caliche, 40% Caliche Nodules, Dry, White.	
5									
	SW							Silty Sand; 15% Caliche Nodules, Dry, Tan.	
10									
	SW							Silty Sand, 10% Caliche Nodules, Dry, Light Brown.	
15									
20									
25									
	SW							Fine Grained, Dry, White to Light, Tan, Sandstone.	
30									

REMARKS: The borehole was advanced to 55' below ground surface (bgs). A 2-inch diameter temporary well was constructed of schedule 40 PVC thread coupled to 10-feet of slotted well screen was installed in the open borehole. 72-hours after installation, a Solinst water level meter was utilized to determine the presence or absence of groundwater. The temporary well casing was subsequently removed and the bore hole backfilled with hole plug and hydrated.



SOIL BORING / MONITORING WELL LOG

PROJECT: <u>Lewis #1</u>	DRILLING COMPANY: <u>Glenn's Water Well Service</u>
PROJECT NUMBER: <u>701048.015.01</u>	DRILLER: _____
CLIENT: <u>Aspen Operating</u>	DRILLING METHOD: <u>Air Rotary</u>
BORING / WELL NUMBER: <u>Temp Well</u>	BORE HOLE DIAMETER: <u>6 3/4"</u>
TOTAL DEPTH: <u>55'</u>	SCREEN: Diam. _____ Length _____ Slot Size _____
SURFACE ELEVATION: _____	CASING: Diam. _____ Length _____ Type _____
GEOLOGIST: <u>K. Taylor</u>	DATE DRILLED: <u>10/21/2022</u>
LATITUDE: <u>33.470894</u>	LONGITUDE: <u>-103.25351</u>

DEPTH (FT.)	USCS	Soil Symbol	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT)
35	SW							Fine Grained, 10% Caliche Nodules, Cemented, Dry, Light Tan, Limestone.	
40	SW							Fine Grained, Dry, Pinkish Brown, Sandstone.	
45									
50	SW							Fine Grained, Dry, Medium Brown, Sandstone.	
55							55'	Bottom of Hole - Groundwater Not Encountered.	
60									

REMARKS: The borehole was advanced to 55' below ground surface (bgs). A 2-inch diameter temporary well was constructed of schedule 40 PVC thread coupled to 10-foot of slotted well screen was installed in the open borehole. 72-hours after installation, a Solinst water level meter was utilized to determine the presence or absence of groundwater. The temporary well casing was subsequently removed and the bore hole backfilled with hole plug and hydrated.



KEY TO SYMBOLS

Symbol Description

Strata symbols



Well graded sand

Monitor Well Details



Plugged Soil Boring



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 Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water 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):

Eastings (X): 662372.52

Northing (Y): 3704824.73

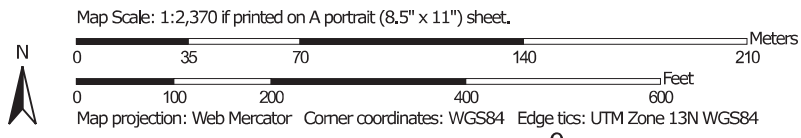
Radius: 5000

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

Custom Soil Resource Report Soil Map



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**
 -  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
- Water Features**
 -  Spoil Area
 -  Stony Spot
 -  Very Stony Spot
 -  Wet Spot
 -  Other
 -  Special Line Features
 -  Streams and Canals
- Transportation**
 -  Rails
 -  Interstate Highways
 -  US Routes
 -  Major Roads
 -  Local Roads
- Background**
 -  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 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.

Custom Soil Resource Report

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

Custom Soil Resource Report

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

Custom Soil Resource Report

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*

Custom Soil Resource Report

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

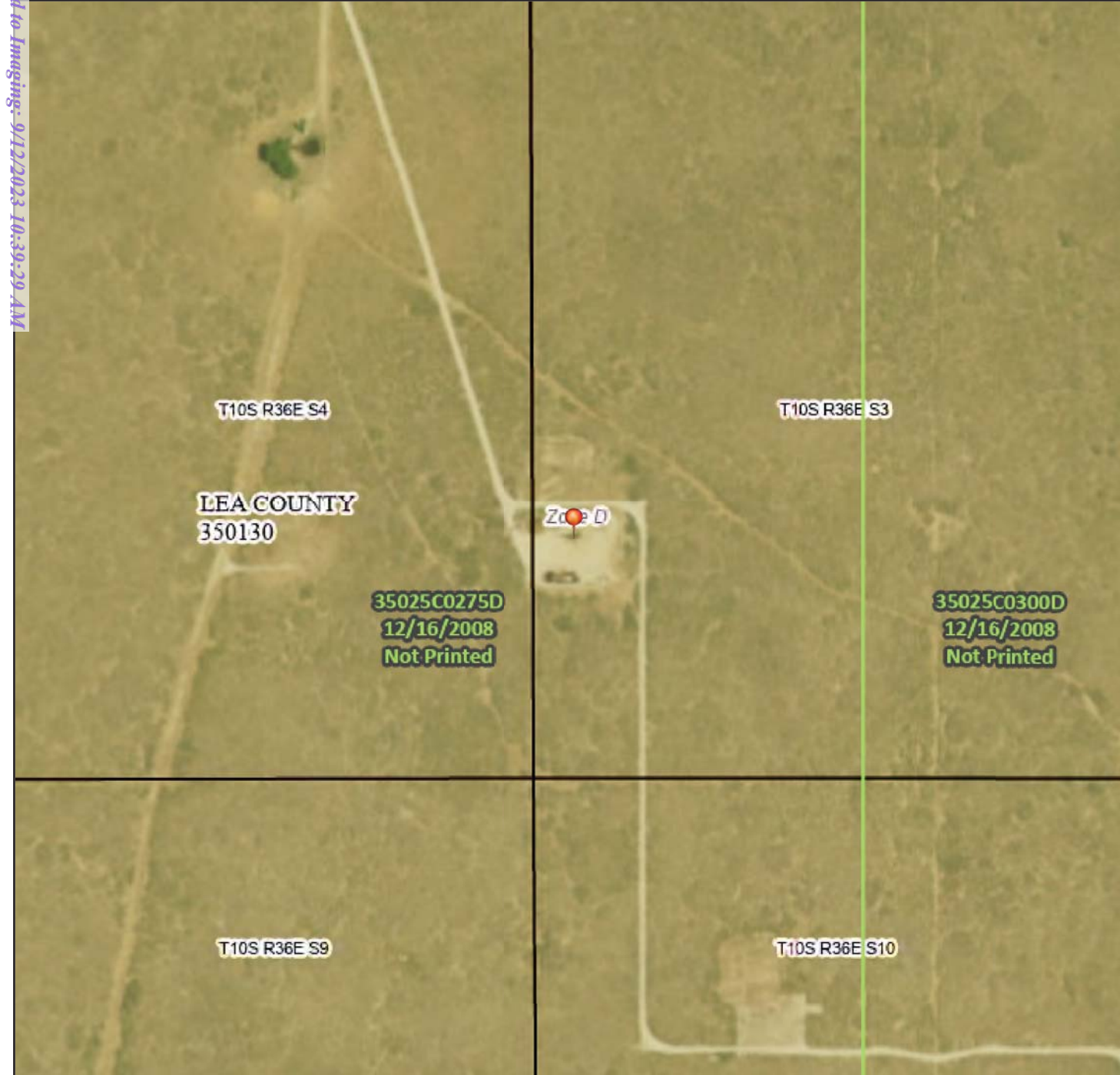
Amarose

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

National Flood Hazard Layer FIRMette



33°15'28"W 33°28'30"N



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

Received by OCD: 6/8/2023 1:20:17 PM

Legend

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

- | | |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPECIAL FLOOD HAZARD AREAS | <ul style="list-style-type: none"> Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i> Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | <ul style="list-style-type: none"> 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone K</i> Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> Area with Flood Risk due to Levee <i>Zone X</i> |
| OTHER AREAS | <ul style="list-style-type: none"> NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> Effective LOMRs Area of Undetermined Flood Hazard <i>Zone D</i> |
| GENERAL STRUCTURES | <ul style="list-style-type: none"> Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall |
| OTHER FEATURES | <ul style="list-style-type: none"> Cross Sections with 1% Annual Chance Water Surface Elevation
 Coastal Transect Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary Coastal Transect Baseline Profile Baseline Hydrographic Feature |
| MAP PANELS | <ul style="list-style-type: none"> Digital Data Available No 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.

0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°14'51"W 33°28'N
 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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.

Page 42 of 444



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

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

Release Notification

Responsible Party

Responsible Party: Aspen Operating Company LLC	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: 6777 Camp Bowie Blvd., Ste. 600 Forth Worth, TX 76116	

Location of Release Source

Latitude: 33.4707451 _____ Longitude -103.2526855 (location of source)
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Lewis #1	Site Type: Production Battery
Date Release Discovered: 5/26/2022	API# (if applicable) 30-025-33350

Unit Letter	Section	Township	Range	County
M	03	10S	36E	Lea

Surface Owner: State Federal Tribal Private (Name: Williams Family)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 130 bbls	Volume Recovered (bbls) 130
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf)3.8	Volume Recovered (Mcf)0
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Tank overflow.

Form C-141

State of New Mexico
Oil Conservation Division

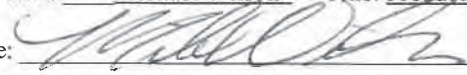
Page 2

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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The Produced Water release was >50 bbl
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notice was given 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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Michael Wilson</u> Title: <u>Production Manager/HSE Coordinator</u> Signature:  Date: <u>7/18/2022</u> email: <u>mwilson@aspen-oil.com</u> Telephone: <u>817-455-2311</u>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>07/25/2022</u>

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 points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Michael Wilson

Title: Production Manager/HSE Coordinator

Signature: 

Date: 5/24/2023

email: mwilson@aspen-oil.com

Telephone: 817-455-2311

mwilson@aspen-oil.com

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: 

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 [432-210-5443](tel:432-210-5443).

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](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 [432-210-5443](tel:432-210-5443).

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 clientrelations@talonlpe.com.



APPENDIX V

Photographic Documentation



Photograph No.1 Description:

Impact of Pad Area



Photograph No.2 Description:

Impact of Pad Area



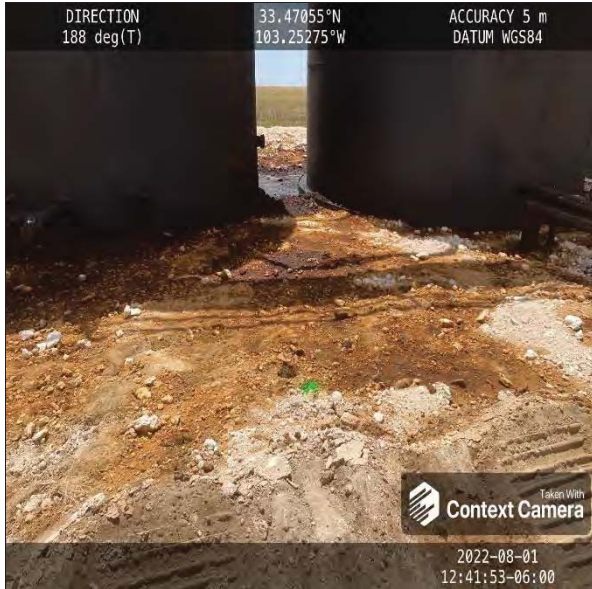
Photograph No.3 Description:

Wellhead area Impact



Photograph No.4 Description:

Location of BH-1 Assessment Sample



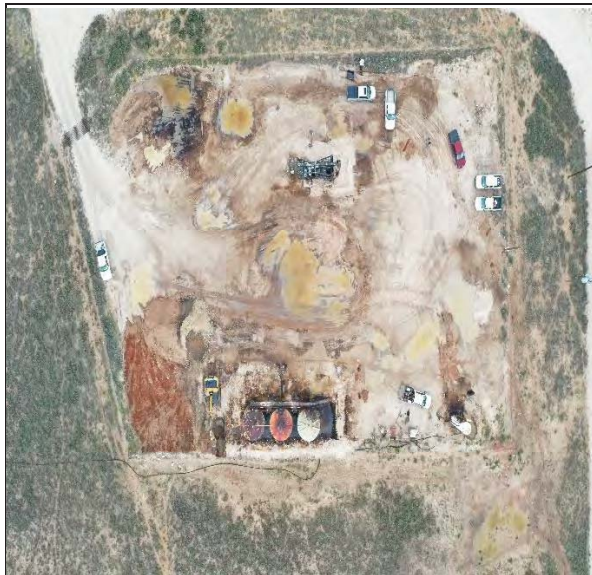
Photograph No.5 Description:

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



Remediation Report and Deferment Report
Aspen Lewis #1



Photograph No.9 Description:

Pad Excavation



Photograph No.10 Description:

Pad Excavation



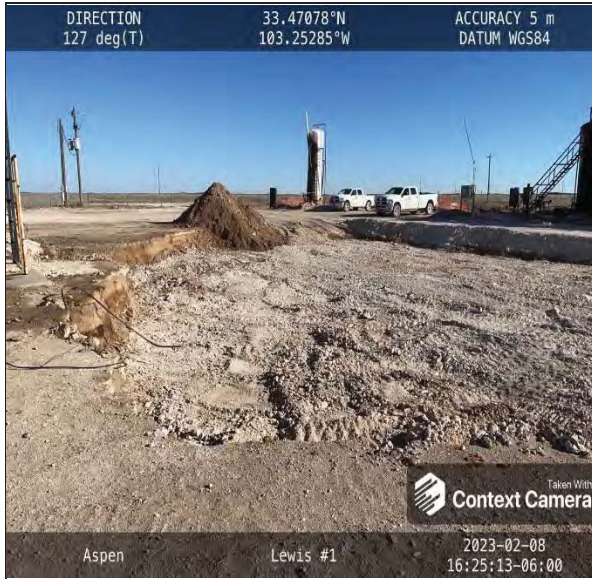
Photograph No.11 Description:

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



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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 - 1 1' (H223470-01)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		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		Analyzed 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 % 43-149

Surrogate: 1-Chlorooctadecane 1910 % 42.5-161

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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 - 1 7' R (H223470-02)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 42.5-161

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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 1' (H223470-03)

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	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 % 69.9-140

Chloride, SM4500CI-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		Analyzed 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 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-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		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	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

Surrogate: 1-Chlorooctadecane 123 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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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 - 3 1' (H223470-05)

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	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 % 69.9-140

Chloride, SM4500Cl-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		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	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

Surrogate: 1-Chlorooctadecane 107 % 42.5-161

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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 - 3 3' R (H223470-06)

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	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 % 69.9-140

Chloride, SM4500Cl-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		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	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 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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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 - 4 1' (H223470-07)

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	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 % 69.9-140

Chloride, SM4500Cl-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 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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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 - 4 3' R (H223470-08)

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	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 % 69.9-140

Chloride, SM4500Cl-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		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*	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 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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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 - 5 1' (H223470-09)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
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		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 % 42.5-161

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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 - 5 3' R (H223470-10)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
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		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 % 42.5-161

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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 1' (H223470-11)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-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 % 43-149

Surrogate: 1-Chlorooctadecane 102 % 42.5-161

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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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 100 % 43-149

Surrogate: 1-Chlorooctadecane 97.6 % 42.5-161

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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 - 2 0' (H223470-14)

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	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 % 69.9-140

Chloride, SM4500Cl-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		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*	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 % 42.5-161

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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 - 3 0' (H223470-15)

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	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 % 69.9-140

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	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*	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 % 42.5-161

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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 - 4 0' (H223470-16)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	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 % 42.5-161

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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-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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE		P.O. #:	
Project Manager: R. Pons		Company:	
Address: 408 W. Texas Ave		Attn:	
City: Artesia		Address:	
State: NM zip: 88210		City:	
Phone #: 575.746.8768		State:	
Fax #: Project Owner: Aspen Oil		Phone #:	
Project #: 701048.015.01		Zip:	
Project Name: Lewis Unit #01		PRESERV:	
Project Location: Lea County, NM		SAMPLING	
Sampler Name: J. Carnes, A. Parra		DATE	
FOR LAB USE ONLY		TIME	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
H22347D	BH-1 1'		1			X				8-1-22	12:05	X	Chlorides
	BH-1 7'R										12:15	X	TPH
	BH-2 1'										12:30	X	BTEX
	BH-2 3'R										12:33		
	BH-3 1'										12:48		
	BH-3 3'R										12:50		
	BH-4 1'										12:00		
	BH-4 3'R										12:02		
	BH-5 1'										11:50		
	BH-5 3'R										11:52		

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Retinquished By: <i>Diana Ruiz</i>	Date: <i>8/3/22</i>	Received By: <i>Shadriganery</i>
Retinquished By: _____	Date: _____	Received By: _____
Delivered By: (Circle One) <i>D.S.R./C.D.V.E.C.</i>	Sample Condition	CHECKED BY: <i>SR</i>
Sampler - UPS - Bus - Other: <i>-D.S.R. #113</i>	Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)
	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

REMARKS: *pg 1 of 2*

† 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

Company Name: Talon LPE		P.O. #:	
Project Manager: R. Pons		Company:	
Address: 408 W. Texas Ave		Attn:	
City: Artesia	State: NM zip: 88210	Address:	
Phone #: 575.746.8768	Fax #:	City:	
Project #: 701048.015.01	Project Owner: Aspen Oil	State:	
Project Name: Lewis Unit #01		Zip:	
Project Location: Lea County, NM		Phone #:	
Sampler Name: J. Carnes, A. Parra		Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H223470	BH-6 1'	G	1			X				8-1-22	11:40	X	Chlorides	
	BH-6 3'R										11:42	X	TAH	
	BG-1 0'										1:05		X	BTEX
	BG-2 0'										1:10			
	BG-3 0'										1:15			
	BG-4 0'										1:20			

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Relinquished By: *[Signature]* Date: *8/5/22* Time: *11:15*

Received By: *[Signature]* Date: *8-1-22* Time: *11:40*

Delivered By: (Circle One) *0.5% C - 0.1% O*

Sampler - UPS - Bus - Other: *-0.1% #113*

Sample Condition: Cool Intact

Checked By: *[Signature]*

REMARKS: *pg 2 of 2*

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



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:	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 (1') (H225353-01)

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	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 % 69.9-140

Chloride, SM4500Cl-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	11/14/2022	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*	<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 % 45.3-161

Surrogate: 1-Chlorooctadecane 68.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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 (2') (H225353-02)

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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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 (3') (H225353-03)

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) 100 % 69.9-140

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	11/14/2022	ND	400	100	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 65.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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 - 2 (1') (H225353-05)

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) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	11/14/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 143 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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 - 2 (2') (H225353-06)

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	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 % 69.9-140

Chloride, SM4500Cl-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	11/14/2022	ND	400	100	400	0.00		

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*	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 253 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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:	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 (3') (H225353-07)

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	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 % 69.9-140

Chloride, SM4500Cl-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	11/14/2022	ND	400	100	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*	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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 - 2 (4') (H225353-08)

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) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 46.3-178

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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 (1') (H225353-09)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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 (2') (H225353-10)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 132 % 46.3-178

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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		Analyzed 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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 46.3-178

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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 (4') (H225353-12)

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	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE
Project Manager: David Adkins
Address: 408 W. Texas Ave
City: Artesia **State:** NM **zip:**
Phone #: **Fax #:**
Project #: **Project Owner:**
Project Name: Aspen Lewis #1 - Pasture
Project Location: Tatum, NM
Sampler Name: K. Taylor
FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV				SAMPLING
H225353	1 P-1 (1')	G	1									11-10-22	1343	X BTEX
	2 P-1 (3')	G	1										1345	X TPH
	3 P-1 (3')	G	1										1350	X Chlorides
	4 P-1 (4')	G	1										1352	
	5 P-2 (1')	G	1										1327	
	6 P-2 (3')	G	1										1328	
	7 P-2 (3')	G	1										1333	
	8 P-2 (4')	G	1										1338	
	9 P-3 (1')	G	1										1315	
	10 P-3 (2')	G	1										1318	

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Relinquished By: *Shawla Stumpen* **Date:** 11-10-22
Received By: *James White*
Relinquished By: *Shawla Stumpen* **Date:** 11-10-22
Received By: *James White*

Delivered By: (Circle One) **Observed Temp. °C** 24.3 **Sample Condition**
Sampler - UPS - Bus - Other: **Corrected Temp. °C** 23.7 Cool Intact
 Yes No Yes No

Checked By: (Initials) **Turnaround Time:** **Standard** **Bacteria (only)**
Thermometer ID #113 **Cool Intact**
Correction Factor -0.8°C **Observed Temp. °C** **Corrected Temp. °C**



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: _____ Project Manager: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: Aspen Lewis #1 - Pasture Project Location: Tatum, NM Sampler Name: K. Taylor P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		BILL TO		ANALYSIS REQUEST	
Lab I.D. H225353 Sample I.D. 11 P-3 (3') 12 P-3 (4')		(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING DATE TIME	
RECEIVED BY: <i>[Signature]</i> Date: 11-10-22 Time: 16:18		RECEIVED BY: <i>[Signature]</i> Date: 11-10-22 Time: 13:22		BTEX TPH Chlorides	
Relinquished By: <i>[Signature]</i> Date: _____ Time: _____		Received By: <i>[Signature]</i> Date: _____ Time: _____		REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C: 24.3 Corrected Temp. °C: 23.7		Sample Condition Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: <i>[Signature]</i> (Initials)	
Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____		Sample Condition Observed Temp. °C: _____ Corrected Temp. °C: _____	



Environment Testing

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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

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
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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Definitions/Glossary

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Qualifiers

GC VOA

Qualifier	Qualifier 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.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
B	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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Eurofins Midland

Definitions/Glossary

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 12
- 13
- 14

Case Narrative

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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 type 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

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.

Client Sample Results

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

Client Sample ID: S-1

Lab Sample ID: 880-20623-1

Date Collected: 10/19/22 14:10

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

Method: SW846 8021B - Volatile Organic Compounds (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 BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	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	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	37.1	J	49.8	14.9	mg/Kg		10/24/22 09:00	10/24/22 11:37	1
Diesel Range Organics (Over C10-C28)	265		49.8	14.9	mg/Kg		10/24/22 09:00	10/24/22 11:37	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		10/24/22 09:00	10/24/22 11:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	10/24/22 09:00	10/24/22 11:37	1
o-Terphenyl	105		70 - 130	10/24/22 09:00	10/24/22 11:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103	F1	4.96	0.392	mg/Kg			10/24/22 18:49	1

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

Sample Depth: 3

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		10/24/22 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

Eurofins Midland

Client Sample Results

Client: Talon/LPE
 Project/Site: Lewis Unit #1

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

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

Sample Depth: 3

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	10/24/22 13:30	10/28/22 23:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

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

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	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
Oil 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

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

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		10/24/22 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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00388	J	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	873		49.8	14.9	mg/Kg			10/25/22 10:47	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

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	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
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	203		5.04	0.398	mg/Kg			10/24/22 19:22	1

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: SW846 8021B - Volatile Organic Compounds (GC)

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	1
Toluene	0.0338		0.00200	0.000455	mg/Kg		10/24/22 13:30	10/28/22 23:46	1
Ethylbenzene	0.000963	J * - *1	0.00200	0.000564	mg/Kg		10/24/22 13:30	10/28/22 23:46	1
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	1
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 BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1020		49.9	15.0	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	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	29.0	J	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 13:22	1
Diesel Range Organics (Over C10-C28)	994		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 13:22	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 13:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/24/22 09:00	10/24/22 13:22	1
o-Terphenyl	102		70 - 130				10/24/22 09:00	10/24/22 13:22	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Lab Sample ID: 880-20623-5

Date Collected: 10/19/22 13:56

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

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		10/24/22 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: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0231		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	2010		49.9	15.0	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	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
Oil 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

Client Sample Results

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

Client Sample ID: S-6

Lab Sample ID: 880-20623-6

Date Collected: 10/19/22 13:54

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

Method: SW846 8021B - Volatile Organic Compounds (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 13:30	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 BTEX - Total BTEX Calculation

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	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3410		49.9	15.0	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	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
Oil 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

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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244		4.97	0.393	mg/Kg			10/24/22 20:04	1

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

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

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

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

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

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 Total BTEX - Total BTEX Calculation

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

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

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	Qualifier	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
Oil 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
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	D	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

Date Collected: 10/19/22 13:50

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

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

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)	111		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			

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00433		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	431		50.0	15.0	mg/Kg			10/25/22 10:47	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

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	22.4	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
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	204		5.02	0.397	mg/Kg			10/24/22 17:15	1

Client Sample ID: S-9

Lab Sample ID: 880-20623-9

Date Collected: 10/19/22 13:48

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

Method: SW846 8021B - Volatile Organic Compounds (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 13:30	10/29/22 01:29	1
Toluene	0.00166	J	0.00201	0.000458	mg/Kg		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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00237	J	0.00402	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	204		49.9	15.0	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	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.2	J	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 15:06	1
Diesel Range Organics (Over C10-C28)	182		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 15:06	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/24/22 09:00	10/24/22 15:06	1
o-Terphenyl	105		70 - 130				10/24/22 09:00	10/24/22 15:06	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-9

Lab Sample ID: 880-20623-9

Date Collected: 10/19/22 13:48
Date Received: 10/21/22 12:10
Sample Depth: 3

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	374		5.03	0.397	mg/Kg			10/24/22 17:28	1

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

Matrix: Solid

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		10/24/22 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 - Diesel 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
Oil 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

Client Sample Results

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

Client Sample ID: S-11

Lab Sample ID: 880-20623-11

Date Collected: 10/19/22 13:44

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

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		10/24/22 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

Method: TAL SOP Total BTEX - Total BTEX 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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	116		49.9	15.0	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	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
Oil 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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

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

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

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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)

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 Total BTEX - Total BTEX Calculation

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)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2060		50.0	15.0	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	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	33.7	J	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:29	1
Diesel Range Organics (Over C10-C28)	2030		50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:29	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 16:29	1

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	Prepared	Analyzed	Dil Fac
Chloride	132		5.00	0.395	mg/Kg			10/24/22 17:53	1

Client Sample ID: S-13

Lab Sample ID: 880-20623-13

Date Collected: 10/19/22 13:40

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	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

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

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

Eurofins Midland

Client Sample Results

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

Client Sample ID: S-13

Lab Sample ID: 880-20623-13

Date Collected: 10/19/22 13:40

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

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	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
Oil 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, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		5.01	0.396	mg/Kg			10/24/22 17:58	1

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

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

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 BTEX Calculation

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 - Diesel 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 - 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 C10-C28)	1050		50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 17:11	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/24/22 09:00	10/24/22 17:11	1
o-Terphenyl	103		70 - 130				10/24/22 09:00	10/24/22 17:11	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-14
Date Collected: 10/19/22 13:38
Date Received: 10/21/22 12:10
Sample Depth: 3

Lab Sample ID: 880-20623-14
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - 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
Date Collected: 10/19/22 13:36
Date Received: 10/21/22 12:10
Sample Depth: 3

Lab Sample ID: 880-20623-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg		10/24/22 13:30	10/29/22 03:53	1
Toluene	0.0109		0.00202	0.000460	mg/Kg		10/24/22 13:30	10/29/22 03:53	1
Ethylbenzene	<0.000570	U * - *1	0.00202	0.000570	mg/Kg		10/24/22 13:30	10/29/22 03:53	1
m-Xylene & p-Xylene	<0.00102	U * - *1	0.00403	0.00102	mg/Kg		10/24/22 13:30	10/29/22 03:53	1
o-Xylene	<0.000347	U * - *1	0.00202	0.000347	mg/Kg		10/24/22 13:30	10/29/22 03:53	1
Xylenes, Total	<0.00102	U * - *1	0.00403	0.00102	mg/Kg		10/24/22 13:30	10/29/22 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/24/22 13:30	10/29/22 03:53	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/24/22 13:30	10/29/22 03:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0109		0.00403	0.00102	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	1640		50.0	15.0	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	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	43.3	J	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 17:31	1
Diesel Range Organics (Over C10-C28)	1600		50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 17:31	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/24/22 09:00	10/24/22 17:31	1
o-Terphenyl	108		70 - 130				10/24/22 09:00	10/24/22 17:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	193		4.97	0.393	mg/Kg			10/24/22 18:07	1

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

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

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	10
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 Fac
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 BTEX Calculation

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1340		49.9	15.0	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	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	38.3	J	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 17:52	1
Diesel Range Organics (Over C10-C28)	1300		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 17:52	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	10/24/22 09:00	10/24/22 17:52	1
o-Terphenyl	107		70 - 130	10/24/22 09:00	10/24/22 17:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	264		25.1	1.98	mg/Kg			10/24/22 18:12	5

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

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

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)	113		70 - 130	10/24/22 13:30	10/29/22 04:13	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
 Project/Site: Lewis Unit #1

Job ID: 880-20623-1
 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

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	109		70 - 130	10/24/22 13:30	10/29/22 04:13	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 10:08	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

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	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
Oil 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	D	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

Date Collected: 10/19/22 13:30

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

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		10/24/22 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: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	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

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

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

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

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	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
Oil 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, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	172		5.00	0.395	mg/Kg			10/24/22 18:32	1

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: SW846 8021B - Volatile Organic Compounds (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 13:30	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 BTEX Calculation

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	538		50.0	15.0	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	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
Oil 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
o-Terphenyl	101		70 - 130				10/24/22 09:00	10/24/22 18:54	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Date Collected: 10/19/22 13:26

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 3

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	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 - Diesel Range Organics (DRO) (GC)

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	137		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 19:15	1
Diesel Range Organics (Over C10-C28)	2440		49.9	15.0	mg/Kg		10/24/22 09:00	10/24/22 19:15	1
Oil 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

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job 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

Sample Depth: 1.5

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

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	1
Toluene	<0.000457	U	0.00200	0.000457	mg/Kg		10/24/22 13:48	10/29/22 16:25	1
Ethylbenzene	0.00627	F1	0.00200	0.000566	mg/Kg		10/24/22 13:48	10/29/22 16:25	1
m-Xylene & p-Xylene	0.00465	F1	0.00401	0.00101	mg/Kg		10/24/22 13:48	10/29/22 16:25	1
o-Xylene	0.00565		0.00200	0.000345	mg/Kg		10/24/22 13:48	10/29/22 16:25	1
Xylenes, Total	0.0103	F1	0.00401	0.00101	mg/Kg		10/24/22 13:48	10/29/22 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/24/22 13:48	10/29/22 16:25	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/24/22 13:48	10/29/22 16:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0166		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	822		49.8	14.9	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	144		49.8	14.9	mg/Kg		10/24/22 09:02	10/24/22 12:49	1
Diesel Range Organics (Over C10-C28)	678	B	49.8	14.9	mg/Kg		10/24/22 09:02	10/24/22 12:49	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		10/24/22 09:02	10/24/22 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	10/24/22 09:02	10/24/22 12:49	1
o-Terphenyl	76		70 - 130	10/24/22 09:02	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	368		4.98	0.393	mg/Kg			10/24/22 18:56	1

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

Sample Depth: 1.5

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

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

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Client Sample Results

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

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

Sample Depth: 1.5

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0646		0.00399	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	312		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	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	B	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:11	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:11	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

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

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		10/24/22 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			

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	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 - Diesel Range Organics (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

Eurofins Midland

Client Sample Results

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

Client Sample ID: S-23

Date Collected: 10/19/22 13:20

Date Received: 10/21/22 12:10

Sample Depth: 1.5

Lab Sample ID: 880-20623-23

Matrix: Solid

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	<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	J B	49.8	14.9	mg/Kg		10/24/22 09:02	10/24/22 11:45	1
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		5.03	0.397	mg/Kg			10/24/22 19:06	1

Client Sample ID: S-24

Date Collected: 10/19/22 13:18

Date Received: 10/21/22 12:10

Sample Depth: 1.5

Lab Sample ID: 880-20623-24

Matrix: Solid

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

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 BTEX - Total BTEX Calculation

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	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	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		10/24/22 09:02	10/24/22 13:32	1
Diesel Range Organics (Over C10-C28)	28.9	J B	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:32	1
Oil 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

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Sample Depth: 1.5

Lab Sample ID: 880-20623-24

Matrix: Solid

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

Date Collected: 10/19/22 13:16

Date Received: 10/21/22 12:10

Sample Depth: 1.5

Lab Sample ID: 880-20623-25

Matrix: Solid

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		10/24/22 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

Method: TAL SOP Total BTEX - Total BTEX 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 10:18	1

Method: SW846 8015 NM - Diesel 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

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	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	B	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 13:54	1
Oil 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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	370		5.02	0.397	mg/Kg			10/24/22 19:15	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

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

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 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 10:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1630		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	252		49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:16	1
Diesel Range Organics (Over C10-C28)	1380	B	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:16	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				10/24/22 09:02	10/24/22 14:16	1
o-Terphenyl	111		70 - 130				10/24/22 09:02	10/24/22 14:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	477		5.04	0.398	mg/Kg			10/24/22 19:20	1

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)

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

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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)

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

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 10:18	1

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

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

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	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	B	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:37	1
Oil 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
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

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

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		10/24/22 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: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00723		0.00398	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	906		50.0	15.0	mg/Kg			10/25/22 10:41	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

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	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	B	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 14:59	1
Oil 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, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	420		4.95	0.391	mg/Kg			10/25/22 13:40	1

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: SW846 8021B - Volatile Organic Compounds (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 BTEX Calculation

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1170		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	226		49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 15:21	1
Diesel Range Organics (Over C10-C28)	945	B	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 15:21	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/24/22 09:02	10/24/22 15:21	1
o-Terphenyl	99		70 - 130				10/24/22 09:02	10/24/22 15:21	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-29

Lab Sample ID: 880-20623-29

Date Collected: 10/19/22 13:08
Date Received: 10/21/22 12:10
Sample Depth: 1.5

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - 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

Matrix: Solid

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		10/24/22 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 - 130				10/24/22 13:48	10/29/22 19:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0697		0.00398	0.00100	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	1760		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	382		49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 15:42	1
Diesel Range Organics (Over C10-C28)	1380	B	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 15:42	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				10/24/22 09:02	10/24/22 15:42	1
o-Terphenyl	107		70 - 130				10/24/22 09:02	10/24/22 15:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.4		5.02	0.397	mg/Kg			10/25/22 13:50	1

Client Sample Results

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

Client Sample ID: S-31

Lab Sample ID: 880-20623-31

Date Collected: 10/19/22 13:04

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 1.5

Method: SW846 8021B - Volatile Organic Compounds (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 21:18	1
Toluene	<0.000459	U	0.00201	0.000459	mg/Kg		10/24/22 13:48	10/29/22 21:18	1
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 Fac
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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00399	J	0.00402	0.00102	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	478		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	62.6		49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 16:30	1
Diesel Range Organics (Over C10-C28)	415	B	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 16:30	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	10/24/22 09:02	10/24/22 16:30	1
o-Terphenyl	98		70 - 130	10/24/22 09:02	10/24/22 16:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		5.04	0.398	mg/Kg			10/25/22 13:55	1

Client Sample ID: S-32

Lab Sample ID: 880-20623-32

Date Collected: 10/19/22 13:02

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 1.5

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

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

Eurofins Midland

Client Sample Results

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

Client Sample ID: S-32

Lab Sample ID: 880-20623-32

Date Collected: 10/19/22 13:02

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 1.5

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

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

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	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	B	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 16:52	1
Oil 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

Lab Sample ID: 880-20623-33

Date Collected: 10/19/22 13:00

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 1.5

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		10/24/22 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			

Method: TAL SOP Total BTEX - Total BTEX 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)

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

Client Sample Results

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

Client Sample ID: S-33

Lab Sample ID: 880-20623-33

Date Collected: 10/19/22 13:00

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 1.5

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	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	B	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 17:13	1
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		4.99	0.394	mg/Kg			10/25/22 14:14	1

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

Sample Depth: 1.5

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

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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0224		0.00398	0.00100	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	2930		50.0	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	564		50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 17:35	1
Diesel Range Organics (Over C10-C28)	2370	B	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 17:35	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				10/24/22 09:02	10/24/22 17:35	1
o-Terphenyl	118		70 - 130				10/24/22 09:02	10/24/22 17:35	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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
Sample Depth: 1.5

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - 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

Lab Sample ID: 880-20623-35

Date Collected: 10/20/22 10:00
Date Received: 10/21/22 12:10
Sample Depth: 2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (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 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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	45.2	J	50.0	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	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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	739		4.97	0.393	mg/Kg			10/25/22 14:24	1

Client Sample Results

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

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

Sample Depth: 2

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

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 23:00	1
Toluene	<0.000455	U	0.00200	0.000455	mg/Kg		10/24/22 13:48	10/29/22 23:00	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		10/24/22 13:48	10/29/22 23:00	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:48	10/29/22 23:00	1
o-Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		10/24/22 13:48	10/29/22 23:00	1
Xylenes, Total	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:48	10/29/22 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/24/22 13:48	10/29/22 23:00	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/24/22 13:48	10/29/22 23:00	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 10:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	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	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 18:18	1
Diesel Range Organics (Over C10-C28)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 18:18	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	10/24/22 09:02	10/24/22 18:18	1
o-Terphenyl	115		70 - 130	10/24/22 09:02	10/24/22 18:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	756		4.96	0.392	mg/Kg			10/25/22 14:29	1

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

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		10/24/22 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	1

Eurofins Midland

Client Sample Results

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

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

Sample Depth: 2

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	10/24/22 13:48	10/29/22 23:21	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	0.00398	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	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
Oil 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
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

Client Sample ID: S-38

Lab Sample ID: 880-20623-38

Date Collected: 10/20/22 10:05

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (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			

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	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	<15.0	U	50.0	15.0	mg/Kg			10/25/22 10:41	1

Eurofins Midland

Client Sample Results

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

Client Sample ID: S-38

Lab Sample ID: 880-20623-38

Date Collected: 10/20/22 10:05

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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	<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
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1250		25.0	1.97	mg/Kg			10/25/22 14:48	5

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: SW846 8021B - Volatile Organic Compounds (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	10/30/22 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 BTEX Calculation

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	45.3	J	50.0	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	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 19:22	1
Diesel Range Organics (Over C10-C28)	45.3	J B	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 19:22	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:02	10/24/22 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				10/24/22 09:02	10/24/22 19:22	1
o-Terphenyl	102		70 - 130				10/24/22 09:02	10/24/22 19:22	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-39
Date Collected: 10/20/22 10:08
Date Received: 10/21/22 12:10
Sample Depth: 2

Lab Sample ID: 880-20623-39
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		25.1	1.98	mg/Kg			10/25/22 14:53	5

Client Sample ID: S-40
Date Collected: 10/20/22 10:10
Date Received: 10/21/22 12:10
Sample Depth: 2

Lab Sample ID: 880-20623-40
Matrix: Solid

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	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 - Diesel 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	B	49.9	15.0	mg/Kg		10/24/22 09:02	10/24/22 19:43	1
Oil 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 Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job 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

Date Received: 10/21/22 12:10

Sample Depth: 2

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

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 BTEX Calculation

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.1		49.8	14.9	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	25.1	J B *1	49.8	14.9	mg/Kg		10/24/22 09:05	10/24/22 11:45	1
Diesel Range Organics (Over C10-C28)	33.0	J	49.8	14.9	mg/Kg		10/24/22 09:05	10/24/22 11:45	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		10/24/22 09:05	10/24/22 11:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				10/24/22 09:05	10/24/22 11:45	1
o-Terphenyl	108		70 - 130				10/24/22 09:05	10/24/22 11:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	282		4.98	0.393	mg/Kg			10/25/22 15:12	1

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

Sample Depth: 2

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

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

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Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Sample Depth: 2

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

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

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	44.8	J	49.9	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	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
Oil 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

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

Client Sample ID: S-43

Lab Sample ID: 880-20623-43

Date Collected: 10/20/22 10:16

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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

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: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	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

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	49.8	14.9	mg/Kg			10/25/22 09:18	1

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Client Sample Results

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

Client Sample ID: S-43

Lab Sample ID: 880-20623-43

Date Collected: 10/20/22 10:16

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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	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
Oil 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
o-Terphenyl	104		70 - 130				10/24/22 09:05	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	307		5.00	0.395	mg/Kg			10/25/22 15:22	1

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: SW846 8021B - Volatile Organic Compounds (GC)

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00104	J	0.00402	0.00102	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	46.6	J	49.9	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	17.1	J B *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 13:32	1
Diesel Range Organics (Over C10-C28)	29.5	J	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 13:32	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				10/24/22 09:05	10/24/22 13:32	1
o-Terphenyl	114		70 - 130				10/24/22 09:05	10/24/22 13:32	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-44

Date Collected: 10/20/22 10:18
Date Received: 10/21/22 12:10
Sample Depth: 2

Lab Sample ID: 880-20623-44

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

Date Collected: 10/20/22 10:20
Date Received: 10/21/22 12:10
Sample Depth: 2

Lab Sample ID: 880-20623-45

Matrix: Solid

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

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

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	41.1	J	49.9	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	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
Oil 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

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Client Sample Results

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

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

Sample Depth: 2

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

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 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 10:19	1

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

Analyte	Result	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

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	18.8	J B *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 14:16	1
Diesel Range Organics (Over C10-C28)	76.6		49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 14:16	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 14:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/24/22 09:05	10/24/22 14:16	1
o-Terphenyl	100		70 - 130				10/24/22 09:05	10/24/22 14:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	839		5.02	0.397	mg/Kg			10/25/22 15:37	1

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

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

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

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	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	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
Oil 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			

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

Date Collected: 10/20/22 10:26

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (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)	116		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			

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-48
Date Collected: 10/20/22 10:26
Date Received: 10/21/22 12:10
Sample Depth: 2

Lab Sample ID: 880-20623-48
Matrix: Solid

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

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 - Diesel 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
Oil 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, Ion Chromatography - Soluble

Analyte	Result	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
Date Collected: 10/20/22 10:28
Date Received: 10/21/22 12:10
Sample Depth: 2

Lab Sample ID: 880-20623-49
Matrix: Solid

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

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 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	33.9	J	49.9	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	18.1	J B *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 15:21	1
Diesel Range Organics (Over C10-C28)	15.8	J	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 15:21	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 15:21	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-49

Date Collected: 10/20/22 10:28

Date Received: 10/21/22 12:10

Sample Depth: 2

Lab Sample ID: 880-20623-49

Matrix: Solid

Surrogate	%Recovery	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	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		4.98	0.393	mg/Kg			10/26/22 03:29	1

Client Sample ID: S-50

Date Collected: 10/20/22 10:30

Date Received: 10/21/22 12:10

Sample Depth: 2

Lab Sample ID: 880-20623-50

Matrix: Solid

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

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 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 10:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (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 - 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
Oil 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, Ion Chromatography - Soluble

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

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job 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

Sample Depth: 2

Method: SW846 8021B - Volatile Organic Compounds (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 BTEX Calculation

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	44.1	J	49.9	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	24.6	J B *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 16:30	1
Diesel Range Organics (Over C10-C28)	19.5	J	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 16:30	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	10/24/22 09:05	10/24/22 16:30	1
o-Terphenyl	100		70 - 130	10/24/22 09:05	10/24/22 16:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	319		5.04	0.398	mg/Kg			10/26/22 03:39	1

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

Sample Depth: 2

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

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)	112		70 - 130	10/24/22 13:52	10/29/22 23:19	1

Eurofins Midland

Client Sample Results

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

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

Sample Depth: 2

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

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

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

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

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
Oil 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

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	D	Prepared	Analyzed	Dil Fac
Chloride	962		4.98	0.393	mg/Kg			10/26/22 03:53	1

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

Sample Depth: 2

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

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

Method: TAL SOP Total BTEX - Total BTEX 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

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

Analyte	Result	Qualifier	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

Client Sample Results

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

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

Sample Depth: 2

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	18.3	J B *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 17:13	1
Diesel Range Organics (Over C10-C28)	627		49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 17:13	1
Oil Range Organics (Over C28-C36)	53.7		49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 17:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/24/22 09:05	10/24/22 17:13	1
o-Terphenyl	108		70 - 130				10/24/22 09:05	10/24/22 17:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2370		25.0	1.98	mg/Kg			10/26/22 03:58	5

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

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00264	J	0.00402	0.00102	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	242		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	26.8	J B *1	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 17:35	1
Diesel Range Organics (Over C10-C28)	199		50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 17:35	1
Oil Range Organics (Over C28-C36)	15.7	J	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 17:35	1
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

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-54

Date Collected: 10/20/22 10:38

Date Received: 10/21/22 12:10

Sample Depth: 2

Lab Sample ID: 880-20623-54

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	100		70 - 130	10/24/22 09:05	10/24/22 17:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	912		25.0	1.98	mg/Kg			10/26/22 04:03	5

Client Sample ID: S-55

Date Collected: 10/20/22 10:40

Date Received: 10/21/22 12:10

Sample Depth: 2

Lab Sample ID: 880-20623-55

Matrix: Solid

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	U	0.00200	0.000455	mg/Kg		10/24/22 13:52	10/30/22 00:21	1
Ethylbenzene	<0.000564	U	0.00200	0.000564	mg/Kg		10/24/22 13:52	10/30/22 00:21	1
m-Xylene & p-Xylene	<0.00101	U	0.00399	0.00101	mg/Kg		10/24/22 13:52	10/30/22 00:21	1
<i>o</i> -Xylene	<0.000343	U	0.00200	0.000343	mg/Kg		10/24/22 13:52	10/30/22 00:21	1
Xylenes, Total	<0.00101	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)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	18.1	J B *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
Oil 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

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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		5.01	0.396	mg/Kg			10/26/22 04:08	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

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

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 BTEX Calculation

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	41.9	J	49.9	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	20.9	J B *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 18:18	1
Diesel Range Organics (Over C10-C28)	21.0	J	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 18:18	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/24/22 09:05	10/24/22 18:18	1
o-Terphenyl	105		70 - 130				10/24/22 09:05	10/24/22 18:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	201		5.02	0.397	mg/Kg			10/26/22 04:13	1

Client Sample ID: S-57

Lab Sample ID: 880-20623-57

Date Collected: 10/20/22 10:44

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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

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

Eurofins Midland

Client Sample Results

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

Client Sample ID: S-57

Lab Sample ID: 880-20623-57

Date Collected: 10/20/22 10:44

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105		70 - 130	10/24/22 13:52	10/30/22 01:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 - Diesel Range Organics (DRO) (GC)

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

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	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
Oil 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

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

Client Sample ID: S-58

Lab Sample ID: 880-20623-58

Date Collected: 10/20/22 10:46

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	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	22.2	J	50.0	15.0	mg/Kg			10/25/22 09:18	1

Eurofins Midland

Client Sample Results

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

Client Sample ID: S-58

Lab Sample ID: 880-20623-58

Date Collected: 10/20/22 10:46

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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	<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
Oil 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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	172		5.02	0.397	mg/Kg			10/26/22 04:32	1

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: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00404	0.00102	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	32.7	J	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	17.3	J B *1	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 19:22	1
Diesel Range Organics (Over C10-C28)	15.4	J	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 19:22	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:05	10/24/22 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/24/22 09:05	10/24/22 19:22	1
o-Terphenyl	114		70 - 130				10/24/22 09:05	10/24/22 19:22	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-59

Date Collected: 10/20/22 10:48

Date Received: 10/21/22 12:10

Sample Depth: 2

Lab Sample ID: 880-20623-59

Matrix: Solid

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

Date Received: 10/21/22 12:10

Sample Depth: 2

Lab Sample ID: 880-20623-60

Matrix: Solid

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 - Diesel Range Organics (DRO) (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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17.9	J B *1	49.9	15.0	mg/Kg		10/24/22 09:05	10/24/22 19:43	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
Oil 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, Ion Chromatography - 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

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

Sample Depth: 2

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

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 Fac
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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.492		0.0402	0.0101	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	721		49.8	14.9	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	134		49.8	14.9	mg/Kg		10/24/22 11:10	10/24/22 22:37	1
Diesel Range Organics (Over C10-C28)	587		49.8	14.9	mg/Kg		10/24/22 11:10	10/24/22 22:37	1
Oil Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		10/24/22 11:10	10/24/22 22:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	10/24/22 11:10	10/24/22 22:37	1
o-Terphenyl	88		70 - 130	10/24/22 11:10	10/24/22 22:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	272		4.99	0.394	mg/Kg			10/26/22 04:56	1

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

Sample Depth: 2

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

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

Client Sample Results

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

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

Sample Depth: 2

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

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 SOP Total BTEX - Total BTEX Calculation

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

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

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

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	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
Oil 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

Client Sample ID: S-63

Lab Sample ID: 880-20623-63

Date Collected: 10/20/22 10:56

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.775		0.0398	0.0100	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	888		49.8	14.9	mg/Kg			10/25/22 10:41	1

Eurofins Midland

Client Sample Results

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

Client Sample ID: S-63

Lab Sample ID: 880-20623-63

Date Collected: 10/20/22 10:56

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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	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
Oil 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, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		4.98	0.393	mg/Kg			10/26/22 05:06	1

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: SW846 8021B - Volatile Organic Compounds (GC)

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.190		0.0402	0.0102	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	323		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	38.8	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/24/22 21:32	1
Diesel Range Organics (Over C10-C28)	284		49.9	15.0	mg/Kg		10/24/22 11:10	10/24/22 21:32	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/24/22 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/24/22 11:10	10/24/22 21:32	1
o-Terphenyl	101		70 - 130				10/24/22 11:10	10/24/22 21:32	1

Eurofins Midland

Client Sample Results

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

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - 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

Date Collected: 10/20/22 11:00
 Date Received: 10/21/22 12:10
 Sample Depth: 2

Matrix: Solid

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

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 Fac
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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.911		0.0396	0.0100	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	1630		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	297		49.9	15.0	mg/Kg		10/24/22 11:10	10/24/22 23:43	1
Diesel Range Organics (Over C10-C28)	1330		49.9	15.0	mg/Kg		10/24/22 11:10	10/24/22 23:43	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/24/22 23:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				10/24/22 11:10	10/24/22 23:43	1
o-Terphenyl	99		70 - 130				10/24/22 11:10	10/24/22 23:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		5.01	0.396	mg/Kg			10/26/22 05:16	1

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00384	U	0.0200	0.00384	mg/Kg		10/24/22 13:56	10/29/22 13:10	10
Toluene	0.0123	J	0.0200	0.00455	mg/Kg		10/24/22 13:56	10/29/22 13:10	10
Ethylbenzene	0.352		0.0200	0.00564	mg/Kg		10/24/22 13:56	10/29/22 13:10	10
m-Xylene & p-Xylene	0.0689		0.0399	0.0101	mg/Kg		10/24/22 13:56	10/29/22 13:10	10
o-Xylene	0.00468	J	0.0200	0.00343	mg/Kg		10/24/22 13:56	10/29/22 13:10	10
Xylenes, Total	0.0736		0.0399	0.0101	mg/Kg		10/24/22 13:56	10/29/22 13:10	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130	10/24/22 13:56	10/29/22 13:10	10
1,4-Difluorobenzene (Surr)	108		70 - 130	10/24/22 13:56	10/29/22 13:10	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.438		0.0399	0.0101	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	440		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	78.1		49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 00:26	1
Diesel Range Organics (Over C10-C28)	362		49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 00:26	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 00:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	10/24/22 11:10	10/25/22 00:26	1
o-Terphenyl	100		70 - 130	10/24/22 11:10	10/25/22 00:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	331		5.04	0.398	mg/Kg			10/26/22 05:20	1

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

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 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

Eurofins Midland

Client Sample Results

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

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

Sample Depth: 2

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

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 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	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	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 00:47	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
Oil 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
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

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

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		10/24/22 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

Method: TAL SOP Total BTEX - Total BTEX 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

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

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

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

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	<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
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.9		4.97	0.393	mg/Kg			10/26/22 00:38	1

Client Sample ID: NSW-3

Lab Sample ID: 880-20623-69

Date Collected: 10/19/22 14:34

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00401	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	19.8	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	<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 01:09	1
Diesel Range Organics (Over C10-C28)	19.8	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 01:09	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 01:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				10/24/22 11:10	10/25/22 01:09	1
o-Terphenyl	89		70 - 130				10/24/22 11:10	10/25/22 01:09	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: NSW-3
Date Collected: 10/19/22 14:34
Date Received: 10/21/22 12:10
Sample Depth: 2

Lab Sample ID: 880-20623-69
Matrix: Solid

Method: EPA 300.0 - Anions, Ion 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
Date Collected: 10/19/22 14:36
Date Received: 10/21/22 12:10
Sample Depth: 2

Lab Sample ID: 880-20623-70
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (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 13:56	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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 10:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	35.6	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	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
Oil 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, Ion Chromatography - 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

Client Sample Results

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

Client Sample ID: NSW-5

Lab Sample ID: 880-20623-71

Date Collected: 10/19/22 14:38

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 1.5

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		10/24/22 13:56	10/29/22 15:14	1
Toluene	<0.000454	U	0.00199	0.000454	mg/Kg		10/24/22 13:56	10/29/22 15:14	1
Ethylbenzene	0.00143	J	0.00199	0.000563	mg/Kg		10/24/22 13:56	10/29/22 15:14	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		10/24/22 13:56	10/29/22 15:14	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		10/24/22 13:56	10/29/22 15:14	1
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
1,4-Difluorobenzene (Surr)	102		70 - 130				10/24/22 13:56	10/29/22 15:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00143	J	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	41.3	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	21.4	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 03:39	1
Diesel Range Organics (Over C10-C28)	19.9	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 03:39	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/24/22 11:10	10/25/22 03:39	1
o-Terphenyl	93		70 - 130				10/24/22 11:10	10/25/22 03:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	193		5.00	0.395	mg/Kg			10/26/22 00:53	1

Client Sample ID: NSW-6

Lab Sample ID: 880-20623-72

Date Collected: 10/19/22 14:40

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 1.5

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		10/24/22 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)	101		70 - 130				10/24/22 13:56	10/29/22 15:56	1

Eurofins Midland

Client Sample Results

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

Client Sample ID: NSW-6

Lab Sample ID: 880-20623-72

Date Collected: 10/19/22 14:40

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 1.5

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

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

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	40.6	J	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:00	1
Diesel Range Organics (Over C10-C28)	163		50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:00	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:00	1
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

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

Sample Depth: 1.5

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

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			

Method: TAL SOP Total BTEX - Total BTEX 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

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

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

Eurofins Midland

Client Sample Results

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

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

Sample Depth: 1.5

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	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
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.1		5.00	0.395	mg/Kg			10/26/22 01:12	1

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

Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00200	0.000384	mg/Kg		10/24/22 13:56	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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0203		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	343		50.0	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	<15.0	U	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 03:17	1
Diesel Range Organics (Over C10-C28)	343		50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 03:17	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 11:10	10/25/22 03:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/24/22 11:10	10/25/22 03:17	1
o-Terphenyl	102		70 - 130				10/24/22 11:10	10/25/22 03:17	1

Eurofins Midland

Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: SSW-1
Date Collected: 10/19/22 14:30
Date Received: 10/21/22 12:10
Sample Depth: 3

Lab Sample ID: 880-20623-74
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	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
Date Received: 10/21/22 12:10
Sample Depth: 3

Lab Sample ID: 880-20623-75
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (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 13:56	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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 10:08	1

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

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

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

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

Sample Depth: 3

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		10/24/22 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

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	765		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	30.9	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 02:56	1
Diesel Range Organics (Over C10-C28)	734		49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 02:56	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 02:56	1
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	104		70 - 130	10/24/22 11:10	10/25/22 02:56	1			
o-Terphenyl	105		70 - 130	10/24/22 11:10	10/25/22 02:56	1			

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.0		4.98	0.393	mg/Kg			10/26/22 01:27	1

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 - Volatile Organic Compounds (GC)

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

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Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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 - Volatile Organic Compounds (GC) (Continued)

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 Calculation

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

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

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)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.5	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:22	1
Diesel Range Organics (Over C10-C28)	49.6	J	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:22	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/24/22 11:10	10/25/22 04:22	1
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

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

Sample Depth: 4

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

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-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

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

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

Eurofins Midland

Client Sample Results

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

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

Sample Depth: 4

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	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
Oil 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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360		5.03	0.397	mg/Kg			10/26/22 01:46	1

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

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

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
Xylenes, 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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.473		0.0398	0.0101	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	6150		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	455		49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 03:46	1
Diesel Range Organics (Over C10-C28)	3940		49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 03:46	1
Oil Range Organics (Over C28-C36)	1750		49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				10/21/22 13:50	10/22/22 03:46	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -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	Qualifier	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

Lab Sample ID: 880-20623-81

Date Collected: 10/19/22 14:44

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 1.5

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		10/24/22 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
Oil 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
<i>o</i> -Terphenyl	114		70 - 130	10/21/22 13:50	10/22/22 04:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.8		5.02	0.397	mg/Kg			10/26/22 02:05	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Lab Sample ID: 880-20623-82
Matrix: Solid

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

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

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			10/28/22 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	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
Oil 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
1-Chlorooctane	93		70 - 130	10/21/22 13:50	10/22/22 04:27	1
o-Terphenyl	105		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
Sample Depth: 2

Lab Sample ID: 880-20623-83
Matrix: Solid

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

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Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: WSW-1
Date Collected: 10/20/22 12:10
Date Received: 10/21/22 12:10
Sample Depth: 2

Lab Sample ID: 880-20623-83
Matrix: Solid

Surrogate	%Recovery	Qualifier	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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0849		0.00398	0.00101	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
Oil 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

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	D	Prepared	Analyzed	Dil Fac
Chloride	146		5.04	0.398	mg/Kg			10/26/22 02:15	1

Client Sample ID: WSW-2
Date Collected: 10/20/22 12:12
Date Received: 10/21/22 12:10
Sample Depth: 2

Lab Sample ID: 880-20623-84
Matrix: Solid

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		10/28/22 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
1,4-Difluorobenzene (Surr)	90		70 - 130	10/28/22 09:04	10/28/22 12:02	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			10/30/22 22:15	1

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

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

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Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

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	<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
Oil 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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.03	0.397	mg/Kg			10/26/22 02:20	1

Client Sample ID: NSW-7

Lab Sample ID: 880-20623-85

Date Collected: 10/20/22 12:14

Matrix: Solid

Date Received: 10/21/22 12:10

Sample Depth: 2

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

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 - 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			10/28/22 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	15.2	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	<15.0	U	49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 02:43	1
Diesel Range Organics (Over C10-C28)	15.2	J	49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 02:43	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		10/21/22 13:50	10/22/22 02:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				10/21/22 13:50	10/22/22 02:43	1
o-Terphenyl	99		70 - 130				10/21/22 13:50	10/22/22 02:43	1

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Client Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: NSW-7

Lab Sample ID: 880-20623-85

Date Collected: 10/20/22 12:14

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	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

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

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 BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	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	48.1	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	48.1	J	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
Oil 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
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
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

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Surrogate Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		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
880-20623-8	S-8	111	106
880-20623-9	S-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

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Surrogate Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-20623-44	S-44	118	103
880-20623-45	S-45	118	103
880-20623-46	S-46	112	106
880-20623-47	S-47	113	99
880-20623-48	S-48	116	107
880-20623-49	S-49	115	104
880-20623-50	S-50	109	101
880-20623-51	S-51	95	92
880-20623-52	S-52	112	110
880-20623-53	S-53	108	102
880-20623-54	S-54	115	95
880-20623-55	S-55	137 S1+	98
880-20623-56	S-56	119	104
880-20623-57	S-57	126	105
880-20623-58	S-58	117	103
880-20623-59	S-59	115	101
880-20623-60	S-60	126	99
880-20623-61	S-61	171 S1+	107
880-20623-62	S-62	204 S1+	108
880-20623-63	S-63	48 S1-	109
880-20623-64	S-64	110	111
880-20623-65	S-65	76	106
880-20623-66	S-66	176 S1+	108
880-20623-67	NSW-1	92	99
880-20623-67 MS	NSW-1	93	98
880-20623-67 MSD	NSW-1	78	93
880-20623-68	NSW-2	96	96
880-20623-69	NSW-3	92	88
880-20623-70	NSW-4	95	100
880-20623-71	NSW-5	114	102
880-20623-72	NSW-6	101	105
880-20623-73	ESW-1	110	102
880-20623-74	SSW-1	108	101
880-20623-75	SSW-2	93	96
880-20623-76	SSW-3	106	105
880-20623-78	SSW-5	91	107
880-20623-79	SSW-6	253 S1+	107
880-20623-80	SSW-6A	227 S1+	124
880-20623-81	SSW-7	148 S1+	94
880-20623-82	SSW-8	90	88
880-20623-83	WSW-1	91	86
880-20623-84	WSW-2	93	90
880-20623-84 MS	WSW-2	99	93
880-20623-84 MSD	WSW-2	96	92
880-20623-85	NSW-7	55 S1-	76
880-20623-86	NSW-8	103	90
890-3252-A-44-H MS	Matrix Spike	71	93
890-3252-A-44-I MSD	Matrix Spike Duplicate	95	92
LCS 880-37679/1-A	Lab Control Sample	95	100
LCS 880-37680/1-A	Lab Control Sample	95	97

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Surrogate Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
SDG: Lea Co., NM**Method: 8021B - Volatile Organic Compounds (GC) (Continued)****Matrix: Solid****Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (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
MB 880-38061/6-A	Method Blank	62 S1-	89

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)**Matrix: Solid****Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (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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Surrogate Summary

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-20623-22	S-22	93	93
880-20623-23	S-23	109	109
880-20623-23 MS	S-23	93	83
880-20623-23 MSD	S-23	94	83
880-20623-24	S-24	96	93
880-20623-25	S-25	97	94
880-20623-26	S-26	113	111
880-20623-27	S-27	99	98
880-20623-28	S-28	98	96
880-20623-29	S-29	100	99
880-20623-30	S-30	113	107
880-20623-31	S-31	99	98
880-20623-32	S-32	109	106
880-20623-33	S-33	98	96
880-20623-34	S-34	127	118
880-20623-35	S-35	124	119
880-20623-36	S-36	120	115
880-20623-37	S-37	121	115
880-20623-38	S-38	98	96
880-20623-39	S-39	105	102
880-20623-40	S-40	108	104
880-20623-41	S-41	99	108
880-20623-41 MS	S-41	89	83
880-20623-41 MSD	S-41	87	82
880-20623-42	S-42	108	121
880-20623-43	S-43	98	104
880-20623-44	S-44	105	114
880-20623-45	S-45	104	113
880-20623-46	S-46	94	100
880-20623-47	S-47	109	119
880-20623-48	S-48	95	101
880-20623-49	S-49	95	103
880-20623-50	S-50	121	131 S1+
880-20623-51	S-51	93	100
880-20623-52	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
880-20623-56	S-56	97	105
880-20623-57	S-57	106	116
880-20623-58	S-58	101	110
880-20623-59	S-59	104	114
880-20623-60	S-60	97	102
880-20623-61	S-61	88	88
880-20623-62	S-62	98	99
880-20623-63	S-63	87	89
880-20623-64	S-64	104	101
880-20623-64 MS	S-64	100	94
880-20623-64 MSD	S-64	104	82
880-20623-65	S-65	98	99

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Surrogate Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
SDG: Lea Co., NM**Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)****Matrix: Solid****Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-20623-66	S-66	98	100
880-20623-67	NSW-1	92	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 880-37641/2-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

QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-37679/5-A
Matrix: Solid
Analysis Batch: 38059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 37679

Analyte	MB Result	MB 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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	10		13 - 7/ 3	732 42 : 7/ ,/ 3	732 82 : : , ; /	7
7i4-Clfluorobenzene (Surr)	D7		13 - 7/ 3	732 42 : 7/ ,/ 3	732 82 : : , ; /	7

Lab Sample ID: LCS 880-37679/1-A
Matrix: Solid
Analysis Batch: 38059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	D0		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	733		13 - 7/ 3

Lab Sample ID: LCSD 880-37679/2-A
Matrix: Solid
Analysis Batch: 38059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 37679

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	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

Surrogate	LCSD %Recovery	LCSD Qualifier	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

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 37679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%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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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Lab Sample ID: 880-20623-1 MS
Matrix: Solid
Analysis Batch: 38059

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 37679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%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

Surrogate	MS %Recovery	MS Qualifier	MS 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

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 37679

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.000387	U F1	0.0996	<0.000383	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.000458	U F2 F1	0.0996	0.01226	F2 F1	mg/Kg		12	70 - 130	125	35
Ethylbenzene	<0.000567	U *- F1 *1	0.0996	<0.000563	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00101	U *- F1 *1	0.199	<0.00101	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.000345	U *- F1 *1	0.0996	<0.000343	U F1	mg/Kg		0	70 - 130	NC	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	1c		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	D3		13 - 7/ 3

Lab Sample ID: MB 880-37680/5-A
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 37680

Analyte	MB Result	MB 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

Surrogate	MB %Recovery	MB Qualifier	MB 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	732 D2 : 70,01	7

Lab Sample ID: LCS 880-37680/1-A
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Lab Sample ID: LCS 880-37680/1-A
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1017		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	D0		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	D1		13 - 7/ 3

Lab Sample ID: LCSD 880-37680/2-A
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 37680

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
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	1	35
m-Xylene & p-Xylene	0.200	0.1965		mg/Kg		98	70 - 130	1	35
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	D		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	D4		13 - 7/ 3

Lab Sample ID: 880-20623-21 MS
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: S-21
Prep Type: Total/NA
Prep Batch: 37680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000386	U	0.100	0.08147		mg/Kg		81	70 - 130
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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	7: /		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	D8		13 - 7/ 3

Lab Sample ID: 880-20623-21 MSD
Matrix: Solid
Analysis Batch: 38152

Client Sample ID: S-21
Prep Type: Total/NA
Prep Batch: 37680

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%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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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		10/24/22 13:52	10/29/22 18:06	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		10/24/22 13:52	10/29/22 18:06	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		10/24/22 13:52	10/29/22 18:06	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		10/24/22 13:52	10/29/22 18:06	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		10/24/22 13:52	10/29/22 18:06	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		10/24/22 13:52	10/29/22 18:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	D1		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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	D:		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	D0		13 - 7/ 3

Lab Sample ID: LCSD 880-37681/2-A
Matrix: Solid
Analysis Batch: 38164

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 37681

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	8D		13 - 7/ 3

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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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
Prep Type: Total/NA
Prep Batch: 37681

Surrogate	LCS D %Recovery	LCS D Qualifier	Limits
7i4-Clfluorobenzene (Surr)	D4		13 - 7/ 3

Lab Sample ID: 880-20623-41 MS
Matrix: Solid
Analysis Batch: 38164

Client Sample ID: S-41
Prep Type: Total/NA
Prep Batch: 37681

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Benzene	0.000845	J	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 - 130
m-Xylene & p-Xylene	<0.00102	U	0.201	0.1850		mg/Kg		92	70 - 130
o-Xylene	<0.000346	U	0.101	0.1075		mg/Kg		107	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	D		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	D1		13 - 7/ 3

Lab Sample ID: 880-20623-41 MSD
Matrix: Solid
Analysis Batch: 38164

Client Sample ID: S-41
Prep Type: Total/NA
Prep Batch: 37681

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD 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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	8/		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	8c		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

Analyte	MB Result	MB 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

Surrogate	MB %Recovery	MB 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

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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	D7		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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1113		mg/Kg		111	70 - 130	19	35
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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	D1		13 - 7/ 3
7i4-Clfluorobenzene (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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	D7		13 - 7/ 3
7i4-Clfluorobenzene (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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	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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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Lab Sample ID: 880-20623-67 MSD
Matrix: Solid
Analysis Batch: 38059

Client Sample ID: NSW-1
Prep Type: Total/NA
Prep Batch: 37682

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	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
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	18		13 - 7/3								
7i4-Clfluorobenzene (Surr)	D		13 - 7/3								

Lab Sample ID: MB 880-38022/5-A
Matrix: Solid
Analysis Batch: 38059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38022

Analyte	MB Result	MB 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	
Surrogate	MB %Recovery	MB Qualifier	MB 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				

Lab Sample ID: MB 880-38025/5-A
Matrix: Solid
Analysis Batch: 38039

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38025

Analyte	MB Result	MB 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	
Surrogate	MB %Recovery	MB Qualifier	MB 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
Matrix: Solid
Analysis Batch: 38039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38025

Analyte	Spike Added	LCS Result	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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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Lab Sample ID: LCS 880-38025/1-A
Matrix: Solid
Analysis Batch: 38039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38025

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08242		mg/Kg		82	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	733		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	734		13 - 7/ 3

Lab Sample ID: LCSD 880-38025/2-A
Matrix: Solid
Analysis Batch: 38039

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 38025

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
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	0.07823		mg/Kg		78	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1583		mg/Kg		79	70 - 130	5	35
o-Xylene	0.100	0.07805		mg/Kg		78	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	D4		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	DD		13 - 7/ 3

Lab Sample ID: 890-3252-A-44-H MS
Matrix: Solid
Analysis Batch: 38039

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 38025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000386	U F1 F2	0.0998	0.04703	F1	mg/Kg		47	70 - 130
Toluene	<0.000457	U F1 F2	0.0998	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	U F1 F2	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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	17		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	D		13 - 7/ 3

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%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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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Surrogate	%Recovery	MSD MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	D0		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	D		13 - 7/ 3

Lab Sample ID: MB 880-38061/6-A
Matrix: Solid
Analysis Batch: 38058

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38061

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		10/28/22 09:04	10/28/22 11:36	1
Toluene	<0.000458	U	0.00201	0.000458	mg/Kg		10/28/22 09:04	10/28/22 11:36	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		10/28/22 09:04	10/28/22 11:36	1
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		10/28/22 09:04	10/28/22 11:36	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		10/28/22 09:04	10/28/22 11:36	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		10/28/22 09:04	10/28/22 11:36	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	c: S7-		13 - 7/ 3	732 82 : 3D,34	732 82 : 77,/ c	7
7i4-Clfluorobenzene (Surr)	8D		13 - 7/ 3	732 82 : 3D,34	732 82 : 77,/ c	7

Lab Sample ID: LCS 880-38061/1-A
Matrix: Solid
Analysis Batch: 38058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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

Surrogate	%Recovery	LCS LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	773		13 - 7/ 3
7i4-Clfluorobenzene (Surr)	73c		13 - 7/ 3

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%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
o-Xylene	0.100	0.07852		mg/Kg		79	70 - 130	9	35

Surrogate	%Recovery	LCSD LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	738		13 - 7/ 3

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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
7i4-Cifluorobenzene (Surr)	733		13 - 7/ 3

Lab Sample ID: 880-20623-84 MS
Matrix: Solid
Analysis Batch: 38058

Client Sample ID: WSW-2
Prep Type: Total/NA
Prep Batch: 38061

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS 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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	DD		13 - 7/ 3
7i4-Cifluorobenzene (Surr)	D'		13 - 7/ 3

Lab Sample ID: 880-20623-84 MSD
Matrix: Solid
Analysis Batch: 38058

Client Sample ID: WSW-2
Prep Type: Total/NA
Prep Batch: 38061

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.000383	U	0.0990	0.08035		mg/Kg		81	70 - 130	1	35
Toluene	<0.000454	U *-	0.0990	0.07748		mg/Kg		78	70 - 130	0	35
Ethylbenzene	<0.000563	U	0.0990	0.07532		mg/Kg		76	70 - 130	1	35
m-Xylene & p-Xylene	<0.00101	U	0.198	0.1500		mg/Kg		76	70 - 130	1	35
o-Xylene	<0.000343	U	0.0990	0.07389		mg/Kg		75	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	Dc		13 - 7/ 3
7i4-Cifluorobenzene (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

Analyte	MB Result	MB 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
Oil 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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
7-t aloro09Tne	778		13 - 7/ 3	732 72 : 7/,03	732 72 : 7D,03	7
o-5er6aenH	777	S7y	13 - 7/ 3	732 72 : 7/,03	732 72 : 7D,03	7

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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Lab Sample ID: LCS 880-37503/2-A
Matrix: Solid
Analysis Batch: 37444

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	858.1		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	774.2		mg/Kg		77	70 - 130
Surrogate		LCS %Recovery	LCS Qualifier				Limits
7-t aloroo9Tne		D3					13 - 7/ 3
o-5er6aenH		733					13 - 7/ 3

Lab Sample ID: LCSD 880-37503/3-A
Matrix: Solid
Analysis Batch: 37444

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 37503

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1041		mg/Kg		104	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	902.2		mg/Kg		90	70 - 130	15	20
Surrogate		LCSD %Recovery	LCSD Qualifier				Limits		
7-t aloroo9Tne		DD					13 - 7/ 3		
o-5er6aenH		773					13 - 7/ 3		

Lab Sample ID: 890-3240-A-2-C MS
Matrix: Solid
Analysis Batch: 37444

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 37503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	998	1086		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	20.9	J	998	781.6		mg/Kg		76	70 - 130
Surrogate		MS %Recovery		MS Qualifier					Limits
7-t aloroo9Tne		8:							13 - 7/ 3
o-5er6aenH		84							13 - 7/ 3

Lab Sample ID: 890-3240-A-2-D MSD
Matrix: Solid
Analysis Batch: 37444

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 37503

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	998	1014		mg/Kg		102	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	20.9	J	998	762.1		mg/Kg		74	70 - 130	3	20
Surrogate		MSD %Recovery		MSD Qualifier					Limits		
7-t aloroo9Tne		1D							13 - 7/ 3		

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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Lab Sample ID: 890-3240-A-2-D MSD
Matrix: Solid
Analysis Batch: 37444

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 37503

Surrogate	%Recovery	MSD MSD Qualifier	Limits
<i>o</i> -5er6aen+I	87		13 - 7/ 3

Lab Sample ID: MB 880-37619/1-A
Matrix: Solid
Analysis Batch: 37609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 37619

Analyte	Result	MB MB 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 09:00	10/24/22 10:35	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 09:00	10/24/22 10:35	1
Oil 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

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>7</i> -t aloroo9pne	73/		13 - 7/ 3	732 42 : 3D,33	732 42 : 73,/ 0	7
<i>o</i> -5er6aen+I	778		13 - 7/ 3	732 42 : 3D,33	732 42 : 73,/ 0	7

Lab Sample ID: LCS 880-37619/2-A
Matrix: Solid
Analysis Batch: 37609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37619

Analyte	Spike Added	LCS LCS Result Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	926.0	mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1128	mg/Kg		113	70 - 130

Surrogate	%Recovery	LCS LCS Qualifier	Limits
<i>7</i> -t aloroo9pne	7: 4		13 - 7/ 3
<i>o</i> -5er6aen+I	7/ 0	S7y	13 - 7/ 3

Lab Sample ID: LCSD 880-37619/3-A
Matrix: Solid
Analysis Batch: 37609

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 37619

Analyte	Spike Added	LCSD LCSD Result Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1030	mg/Kg		103	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1232	mg/Kg		123	70 - 130	9	20

Surrogate	%Recovery	LCSD LCSD Qualifier	Limits
<i>7</i> -t aloroo9pne	7/ 7	S7y	13 - 7/ 3
<i>o</i> -5er6aen+I	741	S7y	13 - 7/ 3

QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Lab Sample ID: 880-20623-1 MS
Matrix: Solid
Analysis Batch: 37609

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 37619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	37.1	J	998	1155		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)	265		998	1173		mg/Kg		91	70 - 130
		MS MS							
Surrogate	%Recovery	Qualifier	Limits						
7-t aloroo9pne	730		13 - 7/ 3						
o-5er6aenH	73:		13 - 7/ 3						

Lab Sample ID: 880-20623-1 MSD
Matrix: Solid
Analysis Batch: 37609

Client Sample ID: S-1
Prep Type: Total/NA
Prep Batch: 37619

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	37.1	J	998	1176		mg/Kg		114	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	265		998	1145		mg/Kg		88	70 - 130	2	20
		MSD MSD									
Surrogate	%Recovery	Qualifier	Limits								
7-t aloroo9pne	734		13 - 7/ 3								
o-5er6aenH	733		13 - 7/ 3								

Lab Sample ID: MB 880-37620/1-A
Matrix: Solid
Analysis Batch: 37605

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 37620

Analyte	MB Result	MB 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
Oil 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 aloroo9pne	733		13 - 7/ 3	732 42 : 3D,3:	732 42 : 73,43	7			
o-5er6aenH	734		13 - 7/ 3	732 42 : 3D,3:	732 42 : 73,43	7			

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	876.4		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	930.9		mg/Kg		93	70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
7-t aloroo9pne	D		13 - 7/ 3
o-5er6aenH	8c		13 - 7/ 3

Lab Sample ID: LCSD 880-37620/3-A
Matrix: Solid
Analysis Batch: 37605

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 37620

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	890.9		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	956.2		mg/Kg		96	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
7-t aloroo9pne	Dc		13 - 7/ 3
o-5er6aenH	81		13 - 7/ 3

Lab Sample ID: 880-20623-23 MS
Matrix: Solid
Analysis Batch: 37605

Client Sample ID: S-23
Prep Type: Total/NA
Prep Batch: 37620

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.9	U	998	893.4		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	32.8	J B	998	1095		mg/Kg		106	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
7-t aloroo9pne	D/		13 - 7/ 3
o-5er6aenH	8/		13 - 7/ 3

Lab Sample ID: 880-20623-23 MSD
Matrix: Solid
Analysis Batch: 37605

Client Sample ID: S-23
Prep Type: Total/NA
Prep Batch: 37620

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	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 C10-C28)	32.8	J B	998	1098		mg/Kg		107	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
7-t aloroo9pne	D4		13 - 7/ 3
o-5er6aenH	8/		13 - 7/ 3

QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Lab Sample ID: MB 880-37621/1-A
Matrix: Solid
Analysis Batch: 37607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 37621

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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
Oil 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

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
7-t aloroo9Tne	D8		13 - 7/ 3	732 42 : 3D,30	732 42 : 73,43	7
o-5er6aenH	77:		13 - 7/ 3	732 42 : 3D,30	732 42 : 73,43	7

Lab Sample ID: LCS 880-37621/2-A
Matrix: Solid
Analysis Batch: 37607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37621

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1131		mg/Kg		113	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
7-t aloroo9Tne	7: :		13 - 7/ 3
o-5er6aenH	7/4	S7y	13 - 7/ 3

Lab Sample ID: LCSD 880-37621/3-A
Matrix: Solid
Analysis Batch: 37607

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 37621

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1049		mg/Kg		105	70 - 130	8	20

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
7-t aloroo9Tne	77:		13 - 7/ 3
o-5er6aenH	7: 7		13 - 7/ 3

Lab Sample ID: 880-20623-41 MS
Matrix: Solid
Analysis Batch: 37607

Client Sample ID: S-41
Prep Type: Total/NA
Prep Batch: 37621

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	33.0	J	998	1088		mg/Kg		106	70 - 130

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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Lab Sample ID: 880-20623-41 MS
Matrix: Solid
Analysis Batch: 37607

Client Sample ID: S-41
Prep Type: Total/NA
Prep Batch: 37621

Surrogate	%Recovery	MS MS Qualifier	Limits
7-t aloroo9pne	80	D	13 - 7/ 3
o-5er6aenH	80		13 - 7/ 3

Lab Sample ID: 880-20623-41 MSD
Matrix: Solid
Analysis Batch: 37607

Client Sample ID: S-41
Prep Type: Total/NA
Prep Batch: 37621

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

Surrogate	%Recovery	MSD MSD Qualifier	Limits
7-t aloroo9pne	81		13 - 7/ 3
o-5er6aenH	80		13 - 7/ 3

Lab Sample ID: MB 880-37641/1-A
Matrix: Solid
Analysis Batch: 37605

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 37641

Analyte	MB Result	MB 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	10/24/22 20:27	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 11:10	10/24/22 20:27	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		10/24/22 11:10	10/24/22 20:27	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
7-t aloroo9pne	737		13 - 7/ 3	732 42 : 77,73	732 42 : : 3; : 1	7
o-5er6aenH	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

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37641

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	846.2		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	876.2		mg/Kg		88	70 - 130

Surrogate	%Recovery	LCS LCS Qualifier	Limits
7-t aloroo9pne	730		13 - 7/ 3
o-5er6aenH	88		13 - 7/ 3

QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Lab Sample ID: LCSD 880-37641/3-A
Matrix: Solid
Analysis Batch: 37605

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 37641

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	811.3		mg/Kg		81	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	1000	958.2		mg/Kg		96	70 - 130	9	20	
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
7-t aloroo9pne	734		13 - 7/ 3							
o-5er6aenH	733		13 - 7/ 3							

Lab Sample ID: 880-20623-64 MS
Matrix: Solid
Analysis Batch: 37605

Client Sample ID: S-64
Prep Type: Total/NA
Prep Batch: 37641

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	38.8	J	998	901.2		mg/Kg		86	70 - 130			
Diesel Range Organics (Over C10-C28)	284		998	1195		mg/Kg		91	70 - 130			
		MS	MS									
Surrogate	%Recovery	Qualifier	Limits									
7-t aloroo9pne	733		13 - 7/ 3									
o-5er6aenH	D4		13 - 7/ 3									

Lab Sample ID: 880-20623-64 MSD
Matrix: Solid
Analysis Batch: 37605

Client Sample ID: S-64
Prep Type: Total/NA
Prep Batch: 37641

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	38.8	J	998	892.2		mg/Kg		86	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	284		998	1066		mg/Kg		78	70 - 130	11	20	
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
7-t aloroo9pne	734		13 - 7/ 3									
o-5er6aenH	8:		13 - 7/ 3									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-37513/1-A
Matrix: Solid
Analysis Batch: 37653

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-37513/2-A
Matrix: Solid
Analysis Batch: 37653

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.2		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-37513/3-A
Matrix: Solid
Analysis Batch: 37653

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.8		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-20623-1 MS
Matrix: Solid
Analysis Batch: 37653

Client Sample ID: S-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	103	F1	248	326.1		mg/Kg		90	90 - 110

Lab Sample ID: 880-20623-1 MSD
Matrix: Solid
Analysis Batch: 37653

Client Sample ID: S-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	103	F1	248	316.5	F1	mg/Kg		86	90 - 110	3	20

Lab Sample ID: MB 880-37561/1-A
Matrix: Solid
Analysis Batch: 37661

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	5.00	0.395	mg/Kg			10/24/22 16:46	1

Lab Sample ID: LCS 880-37561/2-A
Matrix: Solid
Analysis Batch: 37661

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.5		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-37561/3-A
Matrix: Solid
Analysis Batch: 37661

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-20623-7 MS
Matrix: Solid
Analysis Batch: 37661

Client Sample ID: S-7
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	172		252	424.9		mg/Kg		101	90 - 110

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QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-20623-7 MSD
Matrix: Solid
Analysis Batch: 37661

Client Sample ID: S-7
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	172		252	423.8		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-20623-17 MS
Matrix: Solid
Analysis Batch: 37661

Client Sample ID: S-17
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	306	F1	250	526.1	F1	mg/Kg		88	90 - 110

Lab Sample ID: 880-20623-17 MSD
Matrix: Solid
Analysis Batch: 37661

Client Sample ID: S-17
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	306	F1	250	525.6	F1	mg/Kg		88	90 - 110	0	20

Lab Sample ID: MB 880-37562/1-A
Matrix: Solid
Analysis Batch: 37662

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	5.00	0.395	mg/Kg			10/25/22 13:11	1

Lab Sample ID: LCS 880-37562/2-A
Matrix: Solid
Analysis Batch: 37662

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.0		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-37562/3-A
Matrix: Solid
Analysis Batch: 37662

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.9		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-20623-27 MS
Matrix: Solid
Analysis Batch: 37662

Client Sample ID: S-27
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	440		248	670.3		mg/Kg		93	90 - 110

Lab Sample ID: 880-20623-27 MSD
Matrix: Solid
Analysis Batch: 37662

Client Sample ID: S-27
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	440		248	672.1		mg/Kg		93	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-20623-37 MS
Matrix: Solid
Analysis Batch: 37662

Client Sample ID: S-37
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%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

Client Sample ID: S-37
Prep Type: Soluble

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

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB 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

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.2		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-37563/3-A
Matrix: Solid
Analysis Batch: 37789

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	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

Client Sample ID: S-47
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	843	F1	252	1066	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-20623-47 MSD
Matrix: Solid
Analysis Batch: 37789

Client Sample ID: S-47
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	843	F1	252	1061	F1	mg/Kg		87	90 - 110	0	20

Lab Sample ID: 880-20623-57 MS
Matrix: Solid
Analysis Batch: 37789

Client Sample ID: S-57
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	336		249	586.0		mg/Kg		101	90 - 110

Eurofins Midland

QC Sample Results

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-20623-57 MSD
Matrix: Solid
Analysis Batch: 37789

Client Sample ID: S-57
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	336		249	582.4		mg/Kg		99	90 - 110	1	20

Lab Sample ID: MB 880-37564/1-A
Matrix: Solid
Analysis Batch: 37799

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB 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
Matrix: Solid
Analysis Batch: 37799

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	260.9		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-37564/3-A
Matrix: Solid
Analysis Batch: 37799

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.6		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 880-20623-67 MS
Matrix: Solid
Analysis Batch: 37799

Client Sample ID: NSW-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	27.3		248	284.6		mg/Kg		104	90 - 110

Lab Sample ID: 880-20623-67 MSD
Matrix: Solid
Analysis Batch: 37799

Client Sample ID: NSW-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.3		248	279.5		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 880-20623-78 MS
Matrix: Solid
Analysis Batch: 37799

Client Sample ID: SSW-5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	96.1		249	334.0		mg/Kg		96	90 - 110

Lab Sample ID: 880-20623-78 MSD
Matrix: Solid
Analysis Batch: 37799

Client Sample ID: SSW-5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	96.1		249	329.9		mg/Kg		94	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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 Batch
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	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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 Batch
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 Batch
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	
880-20623-73	ESW-1	Total/NA	Solid	5035	
880-20623-74	SSW-1	Total/NA	Solid	5035	
880-20623-75	SSW-2	Total/NA	Solid	5035	
880-20623-76	SSW-3	Total/NA	Solid	5035	
880-20623-78	SSW-5	Total/NA	Solid	5035	
880-20623-79	SSW-6	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-84	WSW-2	Total/NA	Solid	8021B	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

Eurofins Midland

QC Association Summary

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

GC VOA (Continued)

Analysis Batch: 38059 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-5	S-5	Total/NA	Solid	8021B	37679
880-20623-6	S-6	Total/NA	Solid	8021B	37679
880-20623-7	S-7	Total/NA	Solid	8021B	37679
880-20623-8	S-8	Total/NA	Solid	8021B	37679
880-20623-9	S-9	Total/NA	Solid	8021B	37679
880-20623-10	S-10	Total/NA	Solid	8021B	37679
880-20623-11	S-11	Total/NA	Solid	8021B	37679
880-20623-12	S-12	Total/NA	Solid	8021B	37679
880-20623-13	S-13	Total/NA	Solid	8021B	37679
880-20623-14	S-14	Total/NA	Solid	8021B	37679
880-20623-15	S-15	Total/NA	Solid	8021B	37679
880-20623-16	S-16	Total/NA	Solid	8021B	37679
880-20623-17	S-17	Total/NA	Solid	8021B	37679
880-20623-18	S-18	Total/NA	Solid	8021B	37679
880-20623-19	S-19	Total/NA	Solid	8021B	37679
880-20623-20	S-20	Total/NA	Solid	8021B	37679
880-20623-61	S-61	Total/NA	Solid	8021B	37682
880-20623-62	S-62	Total/NA	Solid	8021B	37682
880-20623-63	S-63	Total/NA	Solid	8021B	37682
880-20623-64	S-64	Total/NA	Solid	8021B	37682
880-20623-65	S-65	Total/NA	Solid	8021B	37682
880-20623-66	S-66	Total/NA	Solid	8021B	37682
880-20623-67	NSW-1	Total/NA	Solid	8021B	37682
880-20623-68	NSW-2	Total/NA	Solid	8021B	37682
880-20623-69	NSW-3	Total/NA	Solid	8021B	37682
880-20623-70	NSW-4	Total/NA	Solid	8021B	37682
880-20623-71	NSW-5	Total/NA	Solid	8021B	37682
880-20623-72	NSW-6	Total/NA	Solid	8021B	37682
880-20623-73	ESW-1	Total/NA	Solid	8021B	37682
880-20623-74	SSW-1	Total/NA	Solid	8021B	37682
880-20623-75	SSW-2	Total/NA	Solid	8021B	37682
880-20623-76	SSW-3	Total/NA	Solid	8021B	37682
880-20623-78	SSW-5	Total/NA	Solid	8021B	37682
880-20623-79	SSW-6	Total/NA	Solid	8021B	37682
880-20623-80	SSW-6A	Total/NA	Solid	8021B	37682
880-20623-81	SSW-7	Total/NA	Solid	8021B	37682
MB 880-37679/5-A	Method Blank	Total/NA	Solid	8021B	37679
MB 880-37682/5-A	Method Blank	Total/NA	Solid	8021B	37682
MB 880-38022/5-A	Method Blank	Total/NA	Solid	8021B	38022
LCS 880-37679/1-A	Lab Control Sample	Total/NA	Solid	8021B	37679
LCS 880-37682/1-A	Lab Control Sample	Total/NA	Solid	8021B	37682
LCSD 880-37679/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	37679
LCSD 880-37682/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	37682
880-20623-1 MS	S-1	Total/NA	Solid	8021B	37679
880-20623-1 MSD	S-1	Total/NA	Solid	8021B	37679
880-20623-67 MS	NSW-1	Total/NA	Solid	8021B	37682
880-20623-67 MSD	NSW-1	Total/NA	Solid	8021B	37682

Prep Batch: 38061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20623-84	WSW-2	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

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

GC VOA (Continued)

Prep Batch: 38061 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-38061/6-A	Method Blank	Total/NA	Solid	5035	
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 Batch
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-41	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	

Eurofins Midland

QC Association Summary

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

GC VOA (Continued)

Analysis Batch: 38090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Eurofins Midland

QC Association Summary

Client: Talon/LPE
 Project/Site: Lewis Unit #1

Job ID: 880-20623-1
 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

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	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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	
LCS 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	
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	
LCS 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	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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 Batch
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	

Eurofins Midland

QC Association Summary

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)

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	
880-20623-61	S-61	Total/NA	Solid	8015 NM	
880-20623-62	S-62	Total/NA	Solid	8015 NM	
880-20623-63	S-63	Total/NA	Solid	8015 NM	
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	

Eurofins Midland

QC Association Summary

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

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	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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 Batch
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	
880-20623-38	S-38	Soluble	Solid	DI Leach	
880-20623-39	S-39	Soluble	Solid	DI Leach	
880-20623-40	S-40	Soluble	Solid	DI Leach	
880-20623-41	S-41	Soluble	Solid	DI Leach	
880-20623-42	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	
880-20623-27 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	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1Job ID: 880-20623-1
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	
880-20623-81	SSW-7	Soluble	Solid	DI Leach	
880-20623-82	SSW-8	Soluble	Solid	DI Leach	
880-20623-83	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	

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

HPLC/IC (Continued)

Leach Batch: 37564 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-37564/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
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

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1Job 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

Eurofins Midland

QC Association Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Lab Chronicle

Client: Talon/LPE
 Project/Site: Lewis Unit #1

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

Client Sample ID: S-1

Lab Sample ID: 880-20623-1

Date Collected: 10/19/22 14:10

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			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

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		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

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	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			5.01 g	5 mL	37679	10/24/22 13:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38059	10/28/22 23:46	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
 Project/Site: Lewis Unit #1

Job ID: 880-20623-1
 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Date Collected: 10/19/22 13:56

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			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

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			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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 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	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 14:24	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-7

Date Collected: 10/19/22 13:52

Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Client Sample ID: S-8

Date Collected: 10/19/22 13:50

Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 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

Client Sample ID: S-9

Date Collected: 10/19/22 13:48

Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 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

Client Sample ID: S-10

Date Collected: 10/19/22 13:46

Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-10

Matrix: Solid

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		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

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-11

Lab Sample ID: 880-20623-11

Date Collected: 10/19/22 13:44

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			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

Lab Sample ID: 880-20623-12

Date Collected: 10/19/22 13:42

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			4.97 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 05:15	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 16:29	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 17:53	CH	EET MID

Client Sample ID: S-13

Lab Sample ID: 880-20623-13

Date Collected: 10/19/22 13:40

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			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

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			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

Lab Chronicle

Client: Talon/LPE
 Project/Site: Lewis Unit #1

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

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			37632	10/25/22 10:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 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 17:11	SM	EET MID
Soluble	Leach	DI Leach			4.95 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 18:02	CH	EET MID

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 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

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 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 05:56	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 17:52	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		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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 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	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 18:12	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 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 18:17	CH	EET MID

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

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		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

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

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	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 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 18:54	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 18:36	CH	EET MID

Client Sample ID: S-20

Lab Sample ID: 880-20623-20

Date Collected: 10/19/22 13:26

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			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

Lab Chronicle

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 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

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	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

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			5.05 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 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-24

Lab Sample ID: 880-20623-24

Date Collected: 10/19/22 13:18

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	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	EET MID

Client Sample ID: S-25

Lab Sample ID: 880-20623-25

Date Collected: 10/19/22 13:16

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			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

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			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

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			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	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 14:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

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	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

Lab Sample ID: 880-20623-29

Date Collected: 10/19/22 13:08

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			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

Lab Sample ID: 880-20623-30

Date Collected: 10/19/22 13:06

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			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

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-31

Lab Sample ID: 880-20623-31

Date Collected: 10/19/22 13:04

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			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

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			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

Date Collected: 10/19/22 13:00

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			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

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			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

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
 Project/Site: Lewis Unit #1

Job ID: 880-20623-1
 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Client Sample ID: S-35

Lab Sample ID: 880-20623-35

Date Collected: 10/20/22 10:00

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			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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 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 MID

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

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	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	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 18:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Client Sample ID: S-38

Lab Sample ID: 880-20623-38

Date Collected: 10/20/22 10:05

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			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

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	37680	10/24/22 13:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38152	10/30/22 00:02	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 19:22	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 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 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

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1Job 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

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	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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 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 18:49	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 12:49	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 15:17	CH	EET MID

Client Sample ID: S-43

Lab Sample ID: 880-20623-43

Date Collected: 10/20/22 10:16

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			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

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

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
 Project/Site: Lewis Unit #1

Job ID: 880-20623-1
 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 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	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 13:54	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		5	50 mL	50 mL	37662	10/25/22 15:32	CH	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

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	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

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			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	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 14:37	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

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			4.96 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 20:53	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 14:59	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		5			37789	10/26/22 03:24	CH	EET MID

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 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

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	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

Lab Chronicle

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

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 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

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	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

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	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

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			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

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Lab Sample ID: 880-20623-55

Date Collected: 10/20/22 10:40

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			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

Lab Sample ID: 880-20623-56

Date Collected: 10/20/22 10:42

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			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

Lab Sample ID: 880-20623-57

Date Collected: 10/20/22 10:44

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			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	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 18:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Client Sample ID: S-57

Lab Sample ID: 880-20623-57

Date Collected: 10/20/22 10:44

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
Soluble	Leach	DI Leach			5.03 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 04:17	CH	EET MID

Client Sample ID: S-58

Lab Sample ID: 880-20623-58

Date Collected: 10/20/22 10:46

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			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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 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

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 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

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	37682	10/24/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	38059	10/29/22 11:03	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	10/24/22 22:59	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 05:01	CH	EET MID

Client Sample ID: S-63

Lab Sample ID: 880-20623-63

Date Collected: 10/20/22 10:56

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			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

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			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

Eurofins Midland

Lab Chronicle

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 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 12:50	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	10/24/22 23:43	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37563	10/22/22 12:31	SMC	EET MID
Soluble	Analysis	300.0		1			37789	10/26/22 05:16	CH	EET MID

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 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

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	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	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 00:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared 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	CH	EET MID

Client Sample ID: NSW-2

Date Collected: 10/19/22 14:32

Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-68

Matrix: Solid

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	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

Client Sample ID: NSW-3

Date Collected: 10/19/22 14:34

Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-69

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 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

Client Sample ID: NSW-4

Date Collected: 10/19/22 14:36

Date Received: 10/21/22 12:10

Lab Sample ID: 880-20623-70

Matrix: Solid

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		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

Eurofins Midland

Lab Chronicle

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

Client Sample ID: NSW-5

Lab Sample ID: 880-20623-71

Date Collected: 10/19/22 14:38

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			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

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			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 15:56	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 04:00	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 01:07	CH	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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 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			5.01 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 16:37	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			38090	10/31/22 10:08	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

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	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
Soluble	Analysis	300.0		1			37799	10/26/22 01:17	CH	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

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		1	5 mL	5 mL	38059	10/29/22 14:32	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 10:41	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 02:34	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37564	10/22/22 12:34	SMC	EET MID
Soluble	Analysis	300.0		1			37799	10/26/22 01:22	CH	EET MID

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

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	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

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			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 17:18	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 04:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Talon/LPE
Project/Site: Lewis Unit #1

Job ID: 880-20623-1
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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
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 01:31	CH	EET MID

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

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 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

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	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

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	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

Lab Chronicle

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

Client Sample ID: SSW-8

Lab Sample ID: 880-20623-82

Date Collected: 10/20/22 12:08

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			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 21:54	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			10.01 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 04:27	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 02:10	CH	EET MID

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

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	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

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	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

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			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

Lab Chronicle

Client: Talon/LPE
 Project/Site: Lewis Unit #1

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

Client Sample ID: NSW-7

Lab Sample ID: 880-20623-85

Date Collected: 10/20/22 12:14

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	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

Lab Sample ID: 880-20623-86

Date Collected: 10/20/22 12:16

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			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

Accreditation/Certification Summary

Client: Talon/LPE
Project/Site: Lewis Unit #1

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

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	12-19-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

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



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	10/19/22 13:52	10/21/22 12:10	3
880-20623-8	S-8	Solid	10/19/22 13:50	10/21/22 12:10	3
880-20623-9	S-9	Solid	10/19/22 13:48	10/21/22 12:10	3
880-20623-10	S-10	Solid	10/19/22 13:46	10/21/22 12:10	3
880-20623-11	S-11	Solid	10/19/22 13:44	10/21/22 12:10	3
880-20623-12	S-12	Solid	10/19/22 13:42	10/21/22 12:10	3
880-20623-13	S-13	Solid	10/19/22 13:40	10/21/22 12:10	3
880-20623-14	S-14	Solid	10/19/22 13:38	10/21/22 12:10	3
880-20623-15	S-15	Solid	10/19/22 13:36	10/21/22 12:10	3
880-20623-16	S-16	Solid	10/19/22 13:34	10/21/22 12:10	3
880-20623-17	S-17	Solid	10/19/22 13:32	10/21/22 12:10	3
880-20623-18	S-18	Solid	10/19/22 13:30	10/21/22 12:10	3
880-20623-19	S-19	Solid	10/19/22 13:28	10/21/22 12:10	3
880-20623-20	S-20	Solid	10/19/22 13:26	10/21/22 12:10	3
880-20623-21	S-21	Solid	10/19/22 13:24	10/21/22 12:10	1.5
880-20623-22	S-22	Solid	10/19/22 13:22	10/21/22 12:10	1.5
880-20623-23	S-23	Solid	10/19/22 13:20	10/21/22 12:10	1.5
880-20623-24	S-24	Solid	10/19/22 13:18	10/21/22 12:10	1.5
880-20623-25	S-25	Solid	10/19/22 13:16	10/21/22 12:10	1.5
880-20623-26	S-26	Solid	10/19/22 13:14	10/21/22 12:10	1.5
880-20623-27	S-27	Solid	10/19/22 13:12	10/21/22 12:10	1.5
880-20623-28	S-28	Solid	10/19/22 13:10	10/21/22 12:10	1.5
880-20623-29	S-29	Solid	10/19/22 13:08	10/21/22 12:10	1.5
880-20623-30	S-30	Solid	10/19/22 13:06	10/21/22 12:10	1.5
880-20623-31	S-31	Solid	10/19/22 13:04	10/21/22 12:10	1.5
880-20623-32	S-32	Solid	10/19/22 13:02	10/21/22 12:10	1.5
880-20623-33	S-33	Solid	10/19/22 13:00	10/21/22 12:10	1.5
880-20623-34	S-34	Solid	10/19/22 12:58	10/21/22 12:10	1.5
880-20623-35	S-35	Solid	10/20/22 10:00	10/21/22 12:10	2
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	10/20/22 10:34	10/21/22 12:10	2
880-20623-53	S-53	Solid	10/20/22 10:36	10/21/22 12:10	2
880-20623-54	S-54	Solid	10/20/22 10:38	10/21/22 12:10	2
880-20623-55	S-55	Solid	10/20/22 10:40	10/21/22 12:10	2



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
880-20623-56	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
880-20623-86	NSW-8	Solid	10/20/22 12:16	10/21/22 12:10	2

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Environment Testing
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Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 985-3199

Chain of Custody

Work Order No: 20623

www.xenco.com Page 1 of 9

Project Manager	David Adkins	Bill to (if different)	
Company Name	Talon LPE	Company Name	
Address	408 W Texas Ave	Address	
City, State ZIP	Artesia, NM 88210	City, State ZIP	
Phone	575 746 8768	Email	dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@
Project Name	Lewis Unit #1	Turn Around	
Project Number	701048 015 01	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code
Project Location	Lea Co. NM	Due Date:	
Sampler's Name	K. Taylor, M. Gomez	TAT starts the day received by the lab, if received by 4:30pm	
PO #:		Temp Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
SAMPLE RECEIPT		Wet Ice	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Thermometer ID		Thermometer ID	
Correction Factor		Correction Factor	
Temperature Reading		Temperature Reading	
Corrected Temperature		Corrected Temperature	

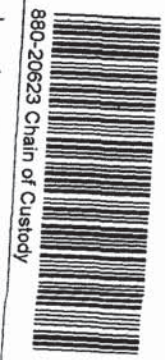
ANALYSIS REQUEST

Program: UST/PST PRP Brownfields RRC Superfund

State of Project: Level II Level III PST/UST TRRP Level IV

Reporting Level Deliverables EDD ADAPT Other

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab Comp	# of Cont	Parameters	Preservative Codes	Sample Comments
S-1	S	10/19/22	1410	3	C	1	BTEX 8021B	None NO	DI Water H ₂ O
S-2	S	10/19/22	1408	3	C	1	TPH 8015 NM	Cool Cool	MeOH Me
S-3	S	10/19/22	1400	3	C	1	Chlorides 300.0	HCL, HC	HNO ₃ HN
S-4	S	10/19/22	1358	3	C	1		H ₂ SO ₄ , H ₂	NaOH, Na
S-5	S	10/19/22	1356	3	C	1		H ₃ PO ₄ , HP	
S-6	S	10/19/22	1354	3	C	1		NaHSO ₄ , NABIS	
S-7	S	10/19/22	1352	3	C	1		Na ₂ S ₂ O ₃ , NaSO ₃	
S-8	S	10/19/22	1355	3	C	1		Zn Acetate+NaOH Zn	
S-9	S	10/19/22	1348	3	C	1		NaOH+Ascorbic Acid SACP	
S-10	S	10/19/22	1346	3	C	1			



Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10/21/22 1210			



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Chain of Custody

Work Order No: 20023

www.xenco.com Page 2 of 9

Project Manager	David Adkins	Bill to (if different)	
Company Name	Talon LPE	Company Name	
Address	408 W Texas Ave	Address	
City, State ZIP	Artesia, NM 88210	City, State ZIP	
Phone	575 746 8768	Email	dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@
Project Name	Lewis Unit #1	Turn Around	
Project Number	701048 015.01	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code
Project Location	Lea Co, NM	Due Date	
Sampler's Name	K Taylor, M Gomez	TAT starts the day received by the lab if received by 4:30pm	
PO #			

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables EDD <input type="checkbox"/> AD&PT <input type="checkbox"/> Other

SAMPLE RECEIPT	Temp Blank	Yes	No	Wet Ice	Yes	No	Parameters	
							Thermometer ID	Correction Factor
Samples Received Intact:	Yes	No	DA				180.5	
Cooler Custody Seals	Yes	No	DA				18.5	
Sample Custody Seals	Yes	No	DA				3.0	
Total Containers								

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
S-11	S	10/19/22	1344	3	C	1	X	DI Water- H ₂ O	BTEX
S-12	S	10/19/22	1342	3	C	1	X	MeOH Me	TPH
S-13	S	10/19/22	1340	3	C	1	X	HNO ₃ HN	Chlorides
S-14	S	10/19/22	1338	3	C	1	X	H ₂ SO ₄ H ₂	
S-15	S	10/19/22	1336	3	C	1	X	H ₃ PO ₄ HP	
S-16	S	10/19/22	1334	3	C	1	X	NaHSO ₄ , NABIS	
S-17	S	10/19/22	1332	3	C	1	X	Na ₂ S ₂ O ₃ , NaSO ₃	
S-18	S	10/19/22	1330	3	C	1	X	Zn Acetate+NaOH Zn	
S-19	S	10/19/22	1328	3	C	1	X	NaOH+Ascorbic Acid SAPC	
S-20	S	10/19/22	1326	3	C	1	X		

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>OS</i>	<i>BOV</i>	10/21/22 12:00			

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Environment Testing
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Chain of Custody

Work Order No: 20023

www.xenco.com Page 3 of 9

Project Manager	David Adkins	Bill to (if different)	
Company Name	Talon LPE	Company Name	
Address	408 W Texas Ave	Address	
City, State ZIP	Artesia, NM 88210	City, State ZIP	
Phone	575 746 8768	Email	dadkins@talonlpe.com, klaylor@talonlpe.com, mgomez@
Project Name	Lewis Unit #1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number	701048 015 01	Due Date:	
Project Location	Lea Co., NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name	K Taylor, M Gomez		
PO #			

Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	

Temp Blank:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Wet Ice:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Samples Received Intact:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Thermometer ID:	<u>105</u>
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Correction Factor:	<u>-0.5</u>
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Temperature Reading:	<u>3.3</u>
Total Containers		Corrected Temperature	<u>3.0</u>

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters
S-21	S	10/19/22	1324	1.5	C	1	BTEX
S-22	S	10/19/22	1322	1.5	C	1	TPH
S-23	S	10/19/22	1320	1.5	C	1	Chlorides
S-24	S	10/19/22	1318	1.5	C	1	
S-25	S	10/19/22	1316	1.5	C	1	
S-26	S	10/19/22	1314	1.5	C	1	
S-27	S	10/19/22	1312	1.5	C	1	
S-28	S	10/19/22	1310	1.5	C	1	
S-29	S	10/19/22	1308	1.5	C	1	
S-30	S	10/19/22	1306	1.5	C	1	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by: (Signature)	<u>DA</u>	Received by: (Signature)	<u>BA</u>	Date/Time	<u>10/21/22 1216</u>



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Work Order No: 20623

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Project Manager	David Adkins	Bill to (if different)	
Company Name	Talon LPE	Company Name	
Address	408 W Texas Ave	Address	
City, State ZIP	Artesia, NM 88210	City, State ZIP	
Phone	575 746 8768	Email	dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@

Program: UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RRC	<input type="checkbox"/> Superfund
State of Project:				
Reporting Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> PST/UST	<input type="checkbox"/> TRRP	<input type="checkbox"/> Level IV
Deliverables EDD	<input type="checkbox"/> ABAPT	<input type="checkbox"/> Other		

Project Name	Lewis Unit #1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number	701048 015 01	Due Date			
Project Location	Lea Co., NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name	K Taylor, M Gomez				
PO #:					

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST											Preservative Codes								
							BTEX	TPH	Chlorides																	
S-31	S	10/19/22	1304	1.5	C	1	X	X	X																	
S-32	S	10/19/22	1362	1.5	C	1	X	X	X																	
S-33	S	10/19/22	1360	1.5	C	1	X	X	X																	
S-34	S	10/19/22	1258	1.5	C	1	X	X	X																	
S-35	S	10/20/22	1000	2	C	1	X	X	X																	
S-36	S	10/20/22	1002	2	C	1	X	X	X																	
S-37	S	10/20/22	1004	2	C	1	X	X	X																	
S-38	S	10/20/22	1005	2	C	1	X	X	X																	
S-39	S	10/20/22	1008	2	C	1	X	X	X																	
S-40	S	10/20/22	1010	2	C	1	X	X	X																	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP/SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245 1 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/21/22 1216			



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Chain of Custody

Work Order No: 201023

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Page 5 of 9

Project Manager	David Adkins	Bill to (if different)	
Company Name	Talon LPE	Company Name	
Address	408 W Texas Ave	Address	
City, State ZIP	Artesia, NM 88210	City, State ZIP	
Phone	575 746 8768	Email	dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@
Project Name	Lewis Unit #1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number	701048 015 01	Due Date	
Project Location	Lea Co., NM	TAT starts the day received by the lab, if received by 4 30pm	
Sampler's Name	K Taylor, M Gomez		
PO #			

Program: UST/PST	<input type="checkbox"/>	PRP	<input type="checkbox"/>	Brownfields	<input type="checkbox"/>	RRC	<input type="checkbox"/>	Superfund	<input type="checkbox"/>
State of Project:									
Reporting Level II	<input type="checkbox"/>	Level III	<input type="checkbox"/>	PST/UST	<input type="checkbox"/>	TRRP	<input type="checkbox"/>	Level IV	<input type="checkbox"/>
Deliverables EDD	<input type="checkbox"/>	ADAPT	<input type="checkbox"/>	Other					

SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice	Thermometer ID:	Correction Factor	Temperature Reading	Corrected Temperature	Parameters	
									BTEX	TPH
Temp Blank:	<input checked="" type="checkbox"/>									
Samples Received Intact:	<input checked="" type="checkbox"/>									
Cooler Custody Seals:	Yes	No	NA							
Sample Custody Seals:	Yes	No	NA							
Total Containers										

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
S-41	S	10/20/22	1012	2	C	1			
S-42	S	10/20/22	1014	2	C	1			
S-43	S	10/20/22	1016	2	C	1			
S-44	S	10/20/22	1018	2	C	1			
S-45	S	10/20/22	1020	2	C	1			
S-46	S	10/20/22	1022	2	C	1			
S-47	S	10/20/22	1024	2	C	1			
S-48	S	10/20/22	1026	2	C	1			
S-49	S	10/20/22	1028	2	C	1			
S-50	S	10/20/22	1030	2	C	1			

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010, 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>AS</i>	<i>BAW</i>	10/21/22 1210			



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Chain of Custody

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Hobbs NM (575) 392-7550 Carlsbad NM (575) 998-3199

Work Order No: 20023

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Project Manager	David Adkins	Bill to (if different)	
Company Name	Talon LPE	Company Name	
Address	408 W Texas Ave	Address	
City, State ZIP	Artesia, NM 88210	City, State ZIP	
Phone	575 746 8768	Email	dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@
Project Name	Lewis Unit #1	Turn Around	
Project Number	701048 015.01	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code
Project Location	Lea Co., NM	Due Date.	
Sampler's Name	K. Taylor, M Gomez	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other

SAMPLE RECEIPT	Temp Blank.	Yes No	Wet Ice.	Yes No	Parameters	ANALYSIS REQUEST		Preservative Codes
						Thermometer ID.	Correction Factor	
Samples Received Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			BTEX			
Cooler Custody Seals	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			TPH			
Sample Custody Seals	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			Chlorides			
Total Containers:	Yes No	Temperature Reading	Corrected Temperature					

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	Zn
S-51	S	10/20/22	1032	2	C	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S-52	S	10/20/22	1034	2	C	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S-53	S	10/20/22	1036	2	C	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S-54	S	10/20/22	1038	2	C	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S-55	S	10/20/22	1040	2	C	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S-56	S	10/20/22	1042	2	C	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S-57	S	10/20/22	1044	2	C	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S-58	S	10/20/22	1046	2	C	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S-59	S	10/20/22	1048	2	C	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S-60	S	10/20/22	1050	2	C	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 AI Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245 1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenoco 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 Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10/21/22 1210			

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Environment Testing
Xenco

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) 988-3199

Work Order No: 201023

www.xenco.com Page 7 of 9

Project Manager	David Adkins	Bill to: (if different)	
Company Name	Talon LPE	Company Name	
Address	408 W Texas Ave	Address	
City, State Zip	Artesia, NM 88210	City, State Zip	
Phone	575 746 8768	Email	dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@

Program: UST/PST	<input type="checkbox"/>	PRP	<input type="checkbox"/>	Brownfields	<input type="checkbox"/>	RRC	<input type="checkbox"/>	Superfund	<input type="checkbox"/>
State of Project:		Reporting Level II	<input type="checkbox"/>	Level III	<input type="checkbox"/>	PST/UST	<input type="checkbox"/>	TRRP	<input type="checkbox"/>
Deliverables	EDD	<input type="checkbox"/>	ADAPT	<input type="checkbox"/>	Other			Level IV	<input type="checkbox"/>

Project Name	Lewis Unit #1	Turn Around	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code	
Project Number	701048 015 01	Due Date:				
Project Location	Lea Co., NM	TAT starts the day received by the lab, if received by 4:30pm				
Sampler's Name	K. Taylor, M Gomez					
PO #:						

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters															
							BTEX	TPH	Chlorides													
S-61	S	10/20/22	1052	2	C	1	X	X	X													
S-62	S	10/20/22	1054	2	C	1	X	X	X													
S-63	S	10/20/22	1056	2	C	1	X	X	X													
S-64	S	10/20/22	1058	2	C	1	X	X	X													
S-65	S	10/20/22	1100	2	C	1	X	X	X													
S-66	S	10/20/22	1102	2	C	1	X	X	X													
NSW-1	S	10/19/22	1430	3	C	1	X	X	X													
NSW-2	S	10/19/22	1432	3	C	1	X	X	X													
NSW-3	S	10/19/22	1434	3	C	1	X	X	X													
NSW-4	S	10/19/22	1436	1.5	C	1	X	X	X													

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>DA</i>	<i>BA</i>	10/21/22 12:10			

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Environment Testing
Xenco

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El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs NM (575) 392-7550 Carlsbad NM (575) 988-3199

Chain of Custody

Work Order No: 201023

www.xenco.com Page 8 of 9

Project Manager	David Adkins	Bill to (if different)	
Company Name	Talon LPE	Company Name	
Address	408 W Texas Ave	Address	
City, State Zip	Artesia, NM 88210	City, State Zip	
Phone	575 746 8768	Email	dadkins@talonlpe.com, ktaylor@talonlpe.com, mgomez@
Project Name	Lewis Unit #1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number	701048 015 01	Due Date:	
Project Location	Lea Co., NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name	K. Taylor, M Gomez		
PO #:			

Program: UST/PST PRP Brownfields RRC Superfund

State of Project: _____

Reporting Level I Level II Level III PST/UST TRRP Level IV

Deliverables EDD ADAPT Other _____

SAMPLE RECEIPT	Temp Blank	Yes (S)	No (N/A)	Well Ice	Yes (S)	No (N/A)	Thermometer ID	Correction Factor	Sample Custody Seals	Yes	No	Temperature Reading	Corrected Temperature	Parameters		
														TPH	BTEX	
NSW-5	S															
NSW-6	S															
ESW-1	S															
SSW-1	S															
SSW-2	S															
SSW-3	S															
SSW-4	S															
SSW-5	S															
SSW-6	S															
SSW-6A	S															

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Sample Comments
NSW-5	S	10/19/22	1438	1.5	C	1	
NSW-6	S	10/19/22	1440	1.5	C	1	
ESW-1	S	10/19/22	1442	1.5	C	1	
SSW-1	S	10/19/22	1430	3	C	1	
SSW-2	S	10/19/22	1432	3	C	1	
SSW-3	S	10/19/22	1434	3	C	1	
SSW-4	S	10/19/22	1436	3	C	1	
SSW-5	S	10/19/22	1438	1.5	C	1	
SSW-6	S	10/19/22	1440	4	C	1	
SSW-6A	S	10/19/22	1442	4	C	1	

Total	200.7 / 6010	200.8 / 6020:	8RCRA 13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Ti	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed	TC1P / SPLP 6010		8RCRA	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu <td>Pb</td> <td>Mn</td> <td>Mo</td> <td>Ni</td> <td>K</td> <td>Se</td> <td>Ag</td> <td>SiO₂</td> <td>Na</td> <td>Sr</td> <td>Ti</td> <td>Sn</td> <td>U</td> <td>V</td> <td>Zn</td>	Pb	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Ti	Sn	U	V	Zn				

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/21/22 12:10			



Environment Testing
Xenco

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) 988-3199

Work Order No: 201023

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Page 9

of 9

Project Manager	David Adkins	Bill to (if different)	
Company Name	Talon LPE	Company Name	
Address	408 W. Texas Ave	Address	
City, State ZIP	Artesia, NM 88210	City, State ZIP	
Phone	575 746 8768	Email	dadkins@talonline.com, ktaylor@talonline.com, mgomez@

Program: UST/PST PRP Brownfields RRC Superfund

State of Project: Level II Level III PST/UST TRRP Level IV

Deliverables EDD ADAPT Other

Project Name	Lewis Unit #1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number	701048 015 01	Due Date:			
Project Location	Lea Co., NM	TAT starts the day received by the lab if received by 4:30pm			
Sampler's Name	K. Taylor, M Gomez	Temp Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
PO #:		Samples Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	123
		Cooler Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor	-0.3
		Sample Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading	3.3
		Total Containers	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature	3.0

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Preservative Codes
SSW-7	S	10/19/22	1444	1.5	C	1	BTEX	DI Water H ₂ O
SSW-8	S	10/20/22	1265	2	C	1	X	Cool Cool MeOH Me
WSW-1	S	10/20/22	1210	2	C	1	X	HCL HC HNO ₃ HN
WSW-2	S	10/20/22	1212	2	C	1	X	H ₂ SO ₄ H ₂ NaOH Na
NSW-7	S	10/20/22	1214	2	C	1	X	H ₃ PO ₄ HP
NSW-8	S	10/20/22	1216	2	C	1	X	NAHSO ₄ , NABIS
								Na ₂ S ₂ O ₃ , NaSO ₃
								Zn Acetate+NaOH Zn
								NaOH+Ascorbic Acid SAPC

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 AI SB AS BA BE B CD CA CR CO CU FE PB MG MN MO NI K SE AG SIO₂ NA SR TI SN U V ZN

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U 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. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/21/22 12:00			

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 880-20623-1

SDG Number: Lea Co., NM

Login Number: 20623

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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	

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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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:	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		Analyzed 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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/11/2022	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	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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:	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 - 9 (H225346-02)

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	11/13/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: David Adkins
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: Aspen Lewis #1 - Pasture
 Project Location: Tatum, NM
 Sampler Name: R-Taylor
 P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>H225346</u>	<u>SSW-8 (2')</u>	<u>C</u>	<u>1</u>			<u>X</u>				<u>11-10-22</u>	<u>1136</u>	<u>X</u>	<u>X</u>	<u>X</u>
	<u>SSW-9</u>	<u>C</u>	<u>1</u>			<u>X</u>				<u>11-10-22</u>	<u>1132</u>	<u>X</u>	<u>X</u>	<u>X</u>

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Relinquished By: Karla Aspin Date: 11-10-22 Received By: Jessica Alvarado
 Relinquished By: _____ Date: _____ Received By: _____
 Turnaround Time: _____ Standard Add'l Phone #: _____
 Thermometer ID #113 Bacteria (only) Sample Condition
 Correction Factor -0.6°C Cool Intact Yes No Yes No No No No No

Delivered By: (Circle One) Observed Temp. °C 4.8 Sample Condition Intact Cool Intact Yes No No No
 Corrected Temp. °C 4.2 CHECKED BY: _____ (Initials)
 Sampler - UPS - Bus - Other: _____
 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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
Project Location:	ASPEN OIL - LEA COUNTY, NM		

Sample ID: BH - 1 10' (H224989-01)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	ASPEN OIL - LEA COUNTY, NM		

Sample ID: BH - 1 16' (H224989-02)

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	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	ASPEN OIL - LEA COUNTY, NM		

Sample ID: BH - 1 20' (H224989-03)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	ASPEN OIL - LEA COUNTY, NM		

Sample ID: BH - 1 24' (H224989-04)

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	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

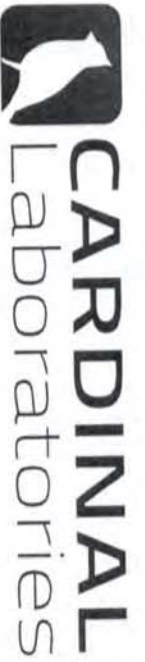
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: D. Adkins		Company:					
Address: 408 W. Texas Ave		Attn:					
City: Artesia		Address:					
Phone #: 575.746.8768		City:					
Fax #: _____		State:					
Project #: 701048.015.01		Zip:					
Project Name: Lewis Unit #1		Phone #:					
Project Location: Lea County, NM		Fax #:					
Sampler Name: M. Gomez, K. Taylor		PRESERV:					
FOR LAB USE ONLY		SAMPLING					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	ANALYSIS
H224989	BH-1 10'	G	1	GROUNDWATER	10/21/22	10:15	Chlorides
	BH-1 16'			WASTEWATER		10:21	TPH
	BH-1 20'			SOIL		10:25	BTEX
	BH-1 24'			OIL		10:29	
				SLUDGE			
				OTHER:			
				ACID/BASE:			
				ICE / COOL			
				OTHER:			

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Relinquished By: Matthew Gomez Date: 10/21/22 Time: 14:32
 Received By: Stephany... Date: _____ Time: _____

Delivered By: (Circle One) #13 Sample Condition: Intact Cool Yes No Yes No
 Checked By: SK (Initials)

REMARKS: Email results to mgomez@talonlpe.com, ktaylor@talonlpe.com, and dadkins@talonlpe.com

Page 1 of 1



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



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:	11/09/2022
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 - 62 A (3') (H225352-01)

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	2.00	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 224 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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:	11/09/2022
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 - 65 A (3') (H225352-02)

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*	0.288	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 197 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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:	11/09/2022
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 - 65 A (4') (H225352-03)

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*	<0.150	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 166 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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:	11/09/2022
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: NSW - 2 (1') (H225352-04)

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*	<0.150	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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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		Analyzed 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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 159 % 46.3-178

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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 - 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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/11/2022	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*	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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 - 32 A (2.5') (H225352-07)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Analytical Results For:

TALON LPE
 DAVID ADKINS
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 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)

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) 106 % 69.9-140

Chloride, SM4500Cl-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		Analyzed 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*	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-Chlorooctane 77.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.0 % 46.3-178

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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: 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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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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: ESW - 1 (2') (H225352-10)

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) 98.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.0 % 46.3-178

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Analytical Results For:

TALON LPE
 DAVID ADKINS
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 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: 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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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: 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 % 69.9-140

Chloride, SM4500Cl-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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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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 - 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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 166 % 46.3-178

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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 - 27 A (8') (H225352-14)

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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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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 - 27 A (10') (H225352-15)

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) 99.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.6 % 46.3-178

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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 (6') (H225352-16)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 341 % 46.3-178

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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 (12') (H225352-17)

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) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.0 % 46.3-178

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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		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) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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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		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) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.0 % 46.3-178

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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: David Adkins
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip:
 Phone #: Fax #:
 Project #: Project Owner:
 Project Name: Aspen Lewis #1
 Project Location: Tatum, NM
 Sampler Name: K. Taylor
 P.O. #: Company:
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:					
H225355A	1 S-62A (3')	C	1	X						11-9-22	0835	X	X	X
	2 S-65A (3')	C	1	X							0900	X	X	X
	3 S-65A (4')	C	1	X							1030	X	X	X
	4 NSW-2 (11')	C	1	X							1130	X	X	X
	5 S-29A (2.5')	C	1	X							1132	X	X	X
	6 S-30A (2.5')	C	1	X							1135	X	X	X
	7 S-32A (2.5')	C	1	X							1138	X	X	X
	8 S-34A (2.5')	C	1	X							1145	X	X	X
	9 NSW-6 (11')	C	1	X							1148	X	X	X
	10 FSW-1 (2')	C	1	X								X	X	X

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Relinquished By: *Karla Taylor* Date: 11-10-22
 Received By: *Sumera Akbar* Date: 11-10-22

Delivered By: (Circle One) Observed Temp. °C: 4.8
 Sampler - UPS - Bus - Other: Corrected Temp. °C: 4.2

Sample Condition: Intact Cool Yes No

Turnaround Time: _____ Standard Rush
 Thermometer ID #113 Correction Factor -0.5°C

Bacteria (only) Sample Condition: Intact Observed Temp. °C: _____
 Yes No Corrected Temp. °C: _____

Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____

REMARKS: _____

FOR LAB USE ONLY

* Cardinal cannot accept verbal changes. Please email changes to c@ey.keene@cardinallabsnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: _____		BILL TO		P.O. #: _____		ANALYSIS REQUEST	
Project Manager: _____		Company: _____		City: _____		State: _____ Zip: _____	
Address: _____		Attn: _____		Address: _____		City: _____ State: _____ Zip: _____	
City: _____ State: _____ Zip: _____		Phone #: _____		Project Name: _____		Project Location: _____	
Phone #: _____		Project Owner: _____		Project Name: Aspen Lewis #1		Project Location: _____	
Project #: _____		City: _____		State: _____		Zip: _____	
Project Name: _____		State: _____		Phone #: _____		Fax #: _____	
Project Location: _____		Fax #: _____		Project Name: _____		Project Location: _____	
Sampler Name: K. Taylor		FOR LAB USE ONLY		Project Name: _____		Project Location: _____	
Lab I.D. _____		Sample I.D. _____		Project Name: _____		Project Location: _____	
HA25552		SSW-6A (11')		Project Name: _____		Project Location: _____	
11		SSW-7 (3')		Project Name: _____		Project Location: _____	
12		S-27A (8')		Project Name: _____		Project Location: _____	
13		S-27A (8')		Project Name: _____		Project Location: _____	
14		S-27A (10')		Project Name: _____		Project Location: _____	
15		T-8 (6')		Project Name: _____		Project Location: _____	
16		T-8 (13')		Project Name: _____		Project Location: _____	
17		T-8 (15')		Project Name: _____		Project Location: _____	
18		T-8 (18.5')		Project Name: _____		Project Location: _____	
19		R		Project Name: _____		Project Location: _____	

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Relinquished By: _____ Date: 11-10-22 Received By: _____
 Relinquished By: _____ Date: 16:00 Received By: _____

Delivered By: (Circle One) Observed Temp. °C _____ Corrected Temp. °C _____
 Sampler - UPS - Bus - Other: _____

Sample Condition: Cool Intact Yes No Yes No No No

Turnaround Time: _____ Standard Rush
 Thermometer ID #113 Bacteria (only) Sample Condition: Cool Intact Yes No Yes No No No
 Correction Factor -0.6°C. Corrected Temp. °C _____

REMARKS: _____

Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____

FORN0000 K 33 071022 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, written on a light-colored background.

Mike Snyder For Celey D. Keene
Lab Director/Quality Manager



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
Project Location:	TATUM, NM		

Sample ID: S - 2 A (4') (H225469-01)

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	11/22/2022	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 226 % 46.3-178

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* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	TATUM, NM		

Sample ID: S - 4 A (4') (H225469-02)

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	11/22/2022	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 281 % 46.3-178

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	TATUM, NM		

Sample ID: S - 5 A (4') (H225469-03)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500Cl-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		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*	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 166 % 46.3-178

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	TATUM, NM		

Sample ID: S - 6 A (4') (H225469-04)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500Cl-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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 172 % 46.3-178

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	TATUM, NM		

Sample ID: S - 7 A (4') (H225469-05)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 183 % 46.3-178

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* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	TATUM, NM		

Sample ID: S - 10 A (4') (H225469-06)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500Cl-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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	TATUM, NM		

Sample ID: S - 12 A (4') (H225469-07)

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	11/22/2022	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 % 69.9-140

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		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*	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 176 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: S - 14 A (4') (H225469-08)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500Cl-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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: S - 15 A (4') (H225469-09)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500Cl-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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 145 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: S - 16 A (4') (H225469-10)

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	11/22/2022	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: S - 17 A (4') (H225469-11)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500Cl-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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 141 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: S - 29 B (4') (H225469-12)

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	11/22/2022	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 160 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: S - 30 B (4') (H225469-13)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500Cl-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		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 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: S - 32 B (4') (H225469-14)

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	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 % 69.9-140

Chloride, SM4500Cl-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	11/22/2022	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 % 45.3-161

Surrogate: 1-Chlorooctadecane 236 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: S - 62 B (4') (H225469-15)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500Cl-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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 132 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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.
- 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

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 1 of 1

Company Name: Talyn LPE		P.O. #:		BILL TO		ANALYSIS REQUEST												
Project Manager: David Adkins		Company:																
Address: 408 W. Texas Ave		Attn:																
City: Artesia		Address:																
State: NM		City:																
Zip: 87003		State:																
Phone #: 432-210-5443		Fax #:																
Project #: _____		Project Owner:																
Project Name: Aspen Lewis Unit #1		City:																
Project Location: Tatum, NM		State:																
Sampler Name: K. Taylor		Phone #:																
FOR LAB USE ONLY		Fax #:																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH	BTEX	Chlorides							
1	S-2A	4'	1	SOIL			11-18-22	0915	X	X	X							
2	S-4A	4'	1	SOIL				0920	X	X	X							
3	S-5A	4'	1	SOIL				0925	X	X	X							
4	S-6A	4'	1	SOIL				0930	X	X	X							
5	S-7A	4'	1	SOIL				0945	X	X	X							
6	S-10A	4'	1	SOIL				1010	X	X	X							
7	S-12A	4'	1	SOIL				1015	X	X	X							
8	S-14A	4'	1	SOIL				1020	X	X	X							
9	S-15A	4'	1	SOIL				1020	X	X	X							
10	S-16A	4'	1	SOIL				1020	X	X	X							

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Relinquished By: **K. Taylor** Date: **11-18-22** Received By: **Shedrickery**

Time: **5:43**

Delivered By: (Circle One) Sample Condition Cool Intact

Sampler - UPS - Bus - Other: Corrected Temp. °C **1.52** Yes No

Turnaround Time: _____ Standard Rush Bacteria (only) Sample Condition Cool Intact Yes No

Thermometer ID #113 Correction Factor -0.6°C Yes No

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 2 of 2

Company Name: <u>Talon</u> Project Manager: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: _____ State: _____ City: _____ Project Location: _____ State: _____ Zip: _____ Project Name: _____ Phone #: _____ Project Location: _____ Fax #: _____		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____																			
Sampler Name: _____ FOR LAB USE ONLY		BILL TO ANALYSIS REQUEST																			
Lab I.D. <u>H0254109</u> Sample I.D. <u>S-17A 4'</u> <u>18 S-29B 4'</u> <u>13 S-30B 4'</u> <u>14 S-32B 4'</u> <u>15 S-62B 4'</u>	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	TPH	BTEX	Chlorides													
					11-18-20	345	X	X	X												
						1230	X	X	X												
						1234	X	X	X												
						1238	X	X	X												
					1045	X	X	X													
Relinquished By: <u>David Sawyer</u> Date: <u>11-18-22</u> Time: <u>1543</u>		Received By: <u>Spedriquet</u> Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:		Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> Rush Thermometer ID #113 Correction Factor -0.6°C		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C		CHECKED BY: <u>[Signature]</u> (Initials)		REMARKS:		Delivered By: (Circle One) UPS - Bus - Other:		Observed Temp. °C <u>2.10</u> Corrected Temp. °C <u>1.50</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Corrected Temp. °C	

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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, written on a light-colored background.

Mike Snyder For Celey D. Keene
Lab Director/Quality Manager



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:	TATUM, NM	Sample Received By:	Shalyn Rodriguez
Project Location:	TATUM, NM		

Sample ID: S - 67 (3') (H225471-01)

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	11/22/2022	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 % 69.9-140

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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 199 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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:	TATUM, NM	Sample Received By:	Shalyn Rodriguez
Project Location:	TATUM, NM		

Sample ID: S - 68 (3') (H225471-02)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500Cl-B		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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 170 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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:	TATUM, NM	Sample Received By:	Shalyn Rodriguez
Project Location:	TATUM, NM		

Sample ID: S - 69 (3') (H225471-03)

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	11/22/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 178 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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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.
- 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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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE

BILL TO

ANALYSIS REQUEST

Project Manager: David Adkins

Address: 408 W. Texas Ave

City: Artesia State: NM Zip:

Phone #: Fax #:

Project #: Project Owner:

Project Name: Aspen Lewis Unit #1

Project Location: Tatum NM

Sampler Name: K. Taylor

FOR LAB USE ONLY

MATRIX PRESERV SAMPLING

Lab I.D. Sample I.D.

HA25471
5-67 (3')
5-68 (3')
5-69 (3')

(G)RAB OR (C)OMP.
 # CONTAINERS
 GROUNDWATER
 WASTEWATER
 SOIL
 OIL
 SLUDGE
 OTHER:
 ACID/BASE:
 ICE / COOL
 OTHER:

DATE TIME
11-18-22 1320
1325
1330

TPH
BTEX
Chlorides

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Relinquished By: Karla Taylor

Received By: Spodiquest

Date: 11-18-22
 Time: 1343

Received By: Spodiquest

Delivered By: (Circle One)

Observed Temp. °C: 21.0

Sample Condition
 Cool Intact
 Yes No

CHECKED BY: [Signature]

Sampler - UPS - Bus - Other:

Corrected Temp. °C: 15.0

Sample Condition
 Cool Intact
 Yes No

Turnaround Time: Standard
 Thermometer ID #113
 Correction Factor -0.6°C

Rush

Bacteria (only) Sample Condition
 Cool Intact
 Yes No

Observed Temp. °C
 Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



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
Project Number:	701048.015.01	Sample Received By:	Tamara Oldaker
Project Location:	TATUM, NM		

Sample ID: NSW - 9 (H225624-01)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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
Project Number:	701048.015.01	Sample Received By:	Tamara Oldaker
Project Location:	TATUM, NM		

Sample ID: NSW - 10 (H225624-02)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 205 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: ESW - 2 (H225624-03)

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	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 % 69.9-140

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/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 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	TATUM, NM		

Sample ID: S - 70 (3') (H225624-04)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 508 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: S - 71 (3') (H225624-05)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 45.3-161

Surrogate: 1-Chlorooctadecane 452 % 46.3-178

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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
Project Location:	TATUM, NM		

Sample ID: S - 72 (3') (H225624-06)

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	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 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS						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 % 45.3-161

Surrogate: 1-Chlorooctadecane 200 % 46.3-178

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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: D. Adkins
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: 88210
 Phone #: 432-210-5443 Fax #:
 Project #: 701048, DIS. 01 Project Owner:
 Project Name: Aspen Lewis #1
 Project Location: Tatum, NM
 Sampler Name: K. Taylor

P.O. #:
 Company:
 Attn:
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV			
A225624	1 NSWS-9	C 1	1			X					11-22-22	1430	BTEX 8021B
	2 NSWS-10	C 1	1			X						1435	TPH 8005
	3 ESW-2	C 1	1			X						1440	Chlorides
	4 S-TD (3')	C 1	1			X						1515	
	5 S-T1 (3')	C 1	1			X						1530	
	6 S-72 (3')	C 1	1			X						1545	

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Relinquished By: [Signature] Date: 12-1-22 Time: 0905
 Relinquished By: [Signature] Date: 12-1-22 Time: 0905
 Received By: [Signature] Date: 12-1-22 Time: 0905
 Received By: [Signature] Date: 12-1-22 Time: 0905

Delivered By: (Circle One) Observed Temp. °C 0.9 Sample Condition: Cool Intact Yes No
 Corrected Temp. °C 0.3 Checked BY: [Signature] (Initials)
 Turnaround Time: 48 hr Standard Rush
 Bacteria (only) Sample Condition: Cool Intact Yes No

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



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:	01/17/2023	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 A 4' (H230237-01)

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		
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						

Surrogate: 4-Bromofluorobenzene (PID) 137 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/19/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	47.2	10.0	01/18/2023	ND	208	104	200	5.46		
DRO >C10-C28*	561	10.0	01/18/2023	ND	193	96.5	200	4.50		
EXT DRO >C28-C36	39.9	10.0	01/18/2023	ND						

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 26 A 4' (H230237-02)

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	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 % 71.5-134

Chloride, SM4500CI-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Tabor LPE Project Manager: David Adkins Address: 408 W. Texas Ave. City: Artesia State: NM Zip: _____ Phone #: 432-210-5443 Fax #: _____ Project #: 701048.015.0 Project Owner: _____ Project Name: Aspen Lewis #1 Project Location: Lea Co. NM Sampler Name: K. Taylor		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
BILL TO		ANALYSIS REQUEST	
Lab I.D. H230237	Sample I.D. 1 S-2D A 4' 2 S-26 A 4'	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	MATRIX ACID/BASE: ICE / COOL OTHER :
		DATE 1-17-23	TIME 1145
		DATE 1-17-23	TIME 1120
		BTEX 8021 B TPH 8012 Chlorides	

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Relinquished By: Hayla Jaubert Date: 1-17-23 Time: 1540	Received By: Jamara White Date: _____ Time: _____	Observed Temp. °C 20.4 Corrected Temp. °C 19.8	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: _____ (Initials)	Turnaround Time: _____ Thermometer ID #113 Correction Factor -0.6°C
REMARKS: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____			

Delivered By: (Circle One) UPS Bus Other: _____
 Form 1000 Rev 07/10/22



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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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 - 2 (6') (H230238-01)

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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 258 % 49.1-148

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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 - 2 (8') (H230238-02)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 4 (6') (H230238-03)

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	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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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 - 5 (6') (H230238-04)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 6 (6') (H230238-05)

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	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 % 71.5-134

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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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		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 % 71.5-134

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		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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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	GC-NC	
Total BTEX	<0.300	0.300	01/20/2023	ND					GC-NC	

Surrogate: 4-Bromofluorobenzene (PID) 134 % 71.5-134

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	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		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) 120 % 71.5-134

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		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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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 (6') (H230238-09)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	<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 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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		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 % 71.5-134

Chloride, SM4500Cl-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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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 - 32 (6') (H230238-11)

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	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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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 - 32 (8') (H230238-12)

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	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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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 - 32 (10') (H230238-13)

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	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 % 71.5-134

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	01/19/2023	ND	448	112	400	11.3	

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	01/19/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

BILL TO

ANALYSIS REQUEST

Company Name: Talam/LPE
 Project Manager: David Atkins
 Address: 408 W Texas Ave
 City: Artesia State: NM Zip: _____
 Phone #: 432-210-5443 Fax #: _____
 Project #: 1048-DIS-D1 Project Owner: _____
 Project Name: Aspen Lewis #1
 Project Location: Lea Co, NM
 Sampler Name: K. Taylor

P.O. #: _____
 Company: _____
 Attn: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			DATE	TIME	BTEX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :					
H230238	-a (6')	A	1			X							1-17-23	1245	X	X	X
	-a (8')	A	1			X								1255	X	X	X
	-4 (6')	A	1			X								1241	X	X	X
	-5 (6')	A	1			X								1210	X	X	X
	-6 (6')	A	1			X								1225	X	X	X
	-7 (6')	A	1			X								1230	X	X	X
	-12 (6')	A	1			X								1200	X	X	X
	-20 (6')	A	1			X								1156	X	X	X
	-29 (6')	A	1			X								1055	X	X	X
	-29 (8')	A	1			X								1100	X	X	X

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Relinquished By: Karla Taylor Date: 1-17-23 Time: 1540
 Relinquished By: Karla Taylor Date: _____ Time: _____
 Received By: Shirley Webster Date: _____ Time: _____

Delivered By: (Circle One) Observed Temp. °C 20.4 Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: Corrected Temp. °C 19.8 Yes No

Checked By: (Initials) VT
 Turnaround Time: _____ Standard Rush
 Thermometer ID #113 Bacteria (only) Sample Condition Cool Intact Yes No
 Correction Factor -0.6°C Corrected Temp. °C _____



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 2 of 2

BILL TO

ANALYSIS REQUEST

Company Name: _____
 Project Manager: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: _____
 Project Location: _____
 Sampler Name: _____
 FOR LAB USE ONLY

P.O. #: _____
 Company: _____
 Attn: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H230238														
	11	\$-32 (6')	G 1			X				1-17-23	1630	X	X	X
	12	\$-32 (8')	G 1			X				1035		X	X	
	13	\$-32 (10')	G 1			X				1040		X	X	

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Relinquished By: Yousha Dupla Date: 1-17-23 Time: 1540
 Received By: Yousha Dupla Date: _____ Time: _____
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____

Delivered By: (Circle One) Observed Temp. °C 20.4 Sample Condition: Intact Cool Yes No Yes No
 Corrected Temp. °C 19.8 Checked By: YD
 Turnaround Time: Standard Rush Bacteria (only) Sample Condition Observed Temp. °C
 Thermometer ID #113 Correction Factor -0.5°C Cool Intact Yes No Corrected Temp. °C



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



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
Project Location:	LEA CO., NM		

Sample ID: S - 70 (5') (H230359-01)

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	01/27/2023	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*	0.172	0.050	01/27/2023	ND	2.12	106	2.00	11.7	GC-NC1	
Total Xylenes*	1.45	0.150	01/27/2023	ND	6.52	109	6.00	11.9	GC-NC1	
Total BTEX	1.63	0.300	01/27/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 207 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	01/27/2023	ND	432	108	400	0.00		

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*	365	50.0	01/27/2023	ND	205	103	200	0.887		
DRO >C10-C28*	7130	50.0	01/27/2023	ND	208	104	200	1.48		
EXT DRO >C28-C36	553	50.0	01/27/2023	ND						

Surrogate: 1-Chlorooctane 146 % 48.2-134

Surrogate: 1-Chlorooctadecane 170 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 70 (6') (H230359-02)

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	01/27/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 73 (5') (H230359-03)

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	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 % 71.5-134

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	01/27/2023	ND	432	108	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	01/27/2023	ND	205	103	200	0.887	
DRO >C10-C28*	101	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 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 74 (5') (H230359-04)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 76 (5') (H230359-05)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 81 (5') (H230359-06)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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 - 82 (5') (H230359-07)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 84 (6') (H230359-09)

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	01/27/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 468 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	LEA CO., NM		

Sample ID: S - 84 (8') (H230359-10)

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	01/27/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-04	
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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 225 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 84 (10') (H230359-11)

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	01/27/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

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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 - 86 (6') (H230359-12)

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	01/27/2023	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 % 71.5-134

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	01/27/2023	ND	416	104	400	0.00		

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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 157 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 86 (8') (H230359-13)

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	01/27/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

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	01/27/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 1 of 2

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: David Adkins
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: _____
 Phone #: 432-210-5443 Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: Aspen Lewis #1
 Project Location: Loa Co, NM
 Sampler Name: K. Taylor
 P.O. #: _____ Company: _____
 City: _____ Address: _____
 State: _____ City: _____
 Phone #: _____ Zip: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H230359	S-7D (5')	G	1							1-19-23	1308	X	X	X
	S-7B (6')	G	1								1312	X	X	X
	S-73 (5')	G	1								1318	X	X	X
	S-74 (5')	G	1								1325	X	X	X
	S-76 (5')	G	1								1324	X	X	X
	S-81 (5')	G	1								1335	X	X	X
	S-82 (5')	G	1								1420	X	X	X
	S-83 (6')	G	1								1332	X	X	X
	S-84 (6')	G	1								1235	X	X	X

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Relinquished By: [Signature] Date: 6/9/23 Received By: [Signature] Date: 6/9/23
 Reinstated By: _____ Date: _____ Received By: _____ Date: _____

Delivered By: (Circle One) Observed Temp. °C 5.6 Sample Condition: Intact Cool Yes No
 Corrected Temp. °C 5.0 Checked By: [Signature]
 Turnaround Time: _____ Standard Rush
 Bacteria (only) Sample Condition: Intact Cool Yes No No No

Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 2 of 2

Company Name:		Project Manager:		P.O. #:		BILL TO		ANALYSIS REQUEST	
Address:		City:		Company:		P.O. #:			
State:		Zip:		Attn:		Company:			
Phone #:		Fax #:		Address:		City:			
Project #:		Project Owner:		State:		Zip:			
Project Name: Aspen Lewis #1		Project Location:		Phone #:		Fax #:			
Sampler Name:		FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS			
H230954		11 -84 (10')		G		1			
		12 -86 (6')		G		1			
		13 -86 (8')		G		1			
		14 -85 (5')		G		1			
DATE		TIME		BTEX		TPH		Chlorides	
11-23		1238		X		X		X	
1358		1410		X		X		X	
1340				X		X		X	
Turnaround Time:		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) <input type="checkbox"/>		Sample Condition <input type="checkbox"/>			
Thermometer ID #113		Cool Intact <input type="checkbox"/>		Cool Intact <input type="checkbox"/>		Observed Temp. °C			
Correction Factor -0.5°C		No <input type="checkbox"/> Yes <input type="checkbox"/>		No <input type="checkbox"/> Yes <input type="checkbox"/>		Corrected Temp. °C			
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Phone #:		All Results are emailed. Please provide Email address:		REMARKS:			
Relinquished By: <i>Rouba Stumpen</i>		Date:		Received By:		Time:			
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)			
Cool Intact <input type="checkbox"/>		Corrected Temp. °C		Cool Intact <input type="checkbox"/>					
Sampler - UPS - Bus - Other:				Yes <input type="checkbox"/> No <input type="checkbox"/>					

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com



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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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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:	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 - 4 (H230593-01)

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	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 % 71.5-134

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	02/11/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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	Sampling Condition:	Cool & Intact
Project Number:	701048.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: WSW - 3 (H230593-02)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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	Sampling Condition:	Cool & Intact
Project Number:	701048.015.01	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: ESW - 3 (H230593-03)

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	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 % 71.5-134

Chloride, SM4500CI-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	02/11/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: TADON/LPPE Project Manager: D. Adkins Address: 408 W. TEXAS AVE City: Artesia State: NM Zip: Phone #: 432-210-5443 Fax #: Project #: 761048.015.01 Project Owner: Project Name: Aspen Lewis #1 Project Location: Leago, NM Sampler Name: K. Taylor <small>FOR LAB USE ONLY</small>		BILL TO P.O. #: Company: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
Lab I.D. H230524 1 2 3 4	Sample I.D. 218123 SSW-4 WSW-3 ESW-3 SSW-2 (21)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV SAMPLING	DATE 2-8-23 TIME 1400 1405 1410 1400	TPH BTEX Chlorides
Relinquished By: Paula Taylor Date: 2-8-23 Time: 1700		Received By: [Signature] Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: 5.7 Corrected Temp. °C: 5.1		Sample Condition Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: [Signature]	
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Correction Factor -0.6°C		Bacteria (only) Sample Condition Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: _____ Corrected Temp. °C: _____		Add'l Phone #: _____ Email Address: _____	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



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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 - 70 (8') (H230650-01)

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	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 % 71.5-134

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	02/15/2023	ND	432	108	400	3.64	

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 77 (6') (H230650-02)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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 - 77 (8') (H230650-03)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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 - 78 (5') (H230650-04)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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 - 79 (5') (H230650-05)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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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 (6') (H230650-06)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 327 % 49.1-148

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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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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 (10') (H230650-08)

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	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 % 71.5-134

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	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 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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 - 84 (12') (H230650-09)

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	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 % 71.5-134

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	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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 - 86 (10') (H230650-10)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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 - 86 (12') (H230650-11)

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	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 % 71.5-134

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	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 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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 - 87 (6') (H230650-12)

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	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 % 71.5-134

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	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 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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:	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 - 87 (8') (H230650-13)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 87 (10') (H230650-14)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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: TT - 89 (2') (H230650-16)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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-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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Handwritten signature of Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

Company Name: Falom/LLP
 Project Manager: David Adkins
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: _____
 Phone #: 432-210-5443 Fax #: _____
 Project #: 701048.015.01 Project Owner: _____
 Project Name: Aspen Lewis #1
 Project Location: Log Co, NM
 Sampler Name: K. Taylor
 P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											
H23065D	1 S-70 (8')	G	1							0-8-23	1300	TPH								
	2 S-77 (6')	G	1									X	BTEX							
	3 S-77 (8')	G	1									X	Chlorides							
	4 S-78 (5')	G	1									X								
	5 S-79 (5')	G	1									X								
	6 S-80 (6')	G	1									X								
	7 S-80 (8')	G	1									X								
	8 S-80 (10')	G	1									X								
	9 S-84 (12')	G	1									X								
	10 S-86 (10')	G	1									X								

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Relinquished By: Randa Sawyer Date: 5-10-23 Time: 1535
 Received By: Monica Colletts
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____

Delivered By: (Circle One) UPS Observed Temp. °C 6.6 Corrected Temp. °C 6.0
 Sampler - UPS - Bus - Other: _____
 Sample Condition: Intact Cool Yes No Yes No
 CHECKED BY: (Initials) RS
 Turnaround Time: _____ Standard RUSH
 Thermometer ID #113 Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes No Corrected Temp. °C Yes No



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 2 of 2

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager:
 Address:
 City: State: Zip:
 Phone #: Fax #:
 Project #: 701048.015.01 Project Owner:
 Project Name: Aspen Lewis #1
 Project Location: Lea Co NM
 Sampler Name: K. Taylor
 P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	TAPH	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
H230650	S-86 (1a')	G	1									2-8-23	1355	X	X	X
	S-87 (6')	G	1										1150	X	X	X
	S-87 (8')	G	1										1155	X	X	X
	S-87 (10')	G	1										1208	X	X	X
	S-88 (5')	G	1										1225	X	X	X
	TT-89 (2')	G	1										1442	X	X	X

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Relinquished By: Karla Sawyer Date: 2-10-23 Time: 1535
 Received By: Jamara Delatorre
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS:

Delivered By: (Circle One) Observed Temp. °C: 6.6 Sample Condition: Intact Cool Yes No
 Corrected Temp. °C: 6.0 Checked BY: JD
 Turndown Time: Standard Rush Bacteria (only) Sample Condition: Intact Cool Yes No
 Thermometer ID #113 Correction Factor -0.5°C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



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:	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
Project Location:	ASPEN OIL - LEA COUNTY, NM		

Sample ID: NSW - 9 D (2') (H230651-01)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	ASPEN OIL - LEA COUNTY, NM		

Sample ID: ESW - 2 D (2') (H230651-02)

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	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 % 71.5-134

Chloride, SM4500CI-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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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:	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
Project Location:	ASPEN OIL - LEA COUNTY, NM		

Sample ID: ESW - 3 D (2') (H230651-03)

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	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 % 71.5-134

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 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	ASPEN OIL - LEA COUNTY, NM		

Sample ID: SSW - 1 D (2') (H230651-04)

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	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 % 71.5-134

Chloride, SM4500CI-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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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
Project Location:	ASPEN OIL - LEA COUNTY, NM		

Sample ID: SSW - 2 D (2') (H230651-05)

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	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 % 71.5-134

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 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	ASPEN OIL - LEA COUNTY, NM		

Sample ID: WSW - 3 D (2') (H230651-06)

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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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.
- 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.
- *** 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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: David Adkins
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: _____
 Phone #: _____ Fax #: _____
 Project #: 761048.015.01 Project Owner: _____
 Project Name: Lewis #1
 Project Location: Lea Co NM
 Sampler Name: K. Taylor
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV			DATE	TIME	BTEX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :					
H230657	NSW-9D (2')	G	1										08-23	1605	X	X	X
	ESW-2D (2')	G	1											1415	X	X	X
	ESW-3D (2')	G	1											1420	X	X	X
	SSW-1D (2')	G	1											1545	X	X	X
	SSW-2D (2')	G	1											1600	X	X	X
	WSW-3D (2')	G	1											1432	X	X	X

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Relinquished By: Karla Sawyer Date: 8-10-23 Time: 15:35
 Received By: Murphy
 Relinquished By: _____ Date: _____ Time: _____
 Received By: _____

Delivered By: (Circle One) Observed Temp. °C 14 Sample Condition Cool Intact Yes No
 Corrected Temp. °C 14.0 Checked BY: AO (Initials)
 Turnaround Time: _____ Standard Rush
 Bacteria (only) Sample Condition Observed Temp. °C _____
 Corrected Temp. °C _____

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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 accredited 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)

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



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 Fax To: (575) 745-8905	Reported: 05-May-23 11:14
-----------------------------------------------------	---------------------------------------------------------------------------------------------------------------------	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 67 (4')	H232108-01	Soil	28-Apr-23 13:30	28-Apr-23 15:20
S - 67 (5')	H232108-02	Soil	28-Apr-23 13:35	28-Apr-23 15:20
S - 68 (4')	H232108-03	Soil	28-Apr-23 13:15	28-Apr-23 15:20
S - 68 (5')	H232108-04	Soil	28-Apr-23 13:20	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 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
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Cardinal Laboratories

Inorganic Compounds

Chloride	1720		16.0	mg/kg	4	3050141	AC	01-May-23	4500-Cl-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %		71.5-134	3050104	JH/	01-May-23	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			68.3 %		48.2-134	3050107	MS	02-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			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 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
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Cardinal Laboratories

Inorganic Compounds

Chloride	2240		16.0	mg/kg	4	3050433	AC	04-May-23	4500-CI-B	
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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)			101 %	71.5-134		3050407	JH	04-May-23	8021B	
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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	
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Surrogate: 1-Chlorooctadecane			107 %	49.1-148		3050411	MS	04-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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 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
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Cardinal Laboratories

Inorganic Compounds

Chloride	3120		16.0	mg/kg	4	3050141	AC	01-May-23	4500-CI-B	
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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)			107 %	71.5-134		3050104	JH/	01-May-23	8021B	
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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	
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Surrogate: 1-Chlorooctadecane			75.3 %	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 Fax To: (575) 745-8905	Reported: 05-May-23 11:14
-----------------------------------------------------	---------------------------------------------------------------------------------------------------------------------	------------------------------

**S - 68 (5')
H232108-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	2520		16.0	mg/kg	4	3050433	AC	04-May-23	4500-CI-B	
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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	
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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			91.6 %	48.2-134		3050411	MS	04-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	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 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										
Chloride	ND	16.0	mg/kg							
LCS (3050141-BS1) Prepared & Analyzed: 01-May-23										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3050141-BSD1) Prepared & Analyzed: 01-May-23										
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										
Chloride	ND	16.0	mg/kg							
LCS (3050433-BS1) Prepared & Analyzed: 04-May-23										
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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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**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3050104 - Volatiles**Blank (3050104-BLK1)**

Prepared & Analyzed: 01-May-23

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-23

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-23

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-23

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							

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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
Fax To: (575) 745-8905

Reported:
05-May-23 11:14

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3050407 - Volatiles**Blank (3050407-BLK1)**

Prepared & Analyzed: 04-May-23

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

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

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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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**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3050107 - General Prep - Organics**Blank (3050107-BLK1)**

Prepared & Analyzed: 01-May-23

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-23

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-23

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-23

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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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
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3050411 - General Prep - Organics

LCS (3050411-BS1)

Prepared & Analyzed: 04-May-23

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 & Analyzed: 04-May-23

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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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **Talbot LP**
 Project Manager: **D. Adkins**
 Address: **488 W. Texas Ave**
 City: **Artesia** State: **NM** Zip:
 Phone #: **432-210-5443** Fax #:
 Project #: **761048-015-01** Project Owner:
 Project Name: **Aspen Lewis #1**
 Project Location: **Lea Co. NM**
 Sampler Name: **K. Taylor**

P.O. #:
 Company:
 Attn:
 Address:
 City: Zip:
 State: Zip:
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							PRESERV	SAMPLING	DATE	TIME	Chlorides	TPH	BTEX	HOLD	HOLD
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:									
H033108	S-67 (4')	C	1			X					X	4-28-23	1336	X	X	X	HOLD	✓	
	S-67 (5')	C	1			X					X	4-28-23	1335	X	X	X	HOLD	✓	
	S-68 (4')	C	1			X					X	4-28-23	1315	X	X	X	HOLD	✓	
	S-68 (5')	C	1			X					X	4-28-23	1320	X	X	X	HOLD	✓	

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Relinquished By: **K. Taylor** Date: **4-28-23** Time: **15:20**
 Relinquished By: **K. Taylor** Date: **4-28-23** Time: **15:20**
 Received By: **D. Adkins**
 Received By: **D. Adkins**
 Remarks: **HOLD! email to request after review of 4' logs data**

Delivered By: (Circle One) Observed Temp. °C: **1.0°C** Sample Condition: Cool Intact
 Cooler: Yes No
 Corrected Temp. °C: **1.0°C** Checked By: **SK**
 Turnaround Time: **Standard** **Rush**
 Thermometer ID #113 Bacteria (only) Yes No
 Correction Factor -0.5°C Sample Condition: Cool Intact
 Corrected Temp. °C: Yes No

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



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:	01/27/2023	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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 2 (4') (H230419-02)

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	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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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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 - 3 (4') (H230419-03)

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	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 % 71.5-134

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	01/31/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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 - 4 (4') (H230419-04)

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	01/31/2023	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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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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 - 5 (4') (H230419-05)

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	01/31/2023	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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/31/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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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 - 9 (4') (H230419-09)

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	01/31/2023	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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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: CWSW - 1 (4') (H230419-10)

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	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 % 71.5-134

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		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/30/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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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 - 1 (4') (H230419-11)

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	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 % 71.5-134

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	01/31/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
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 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 - 2 (4') (H230419-12)

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	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 % 71.5-134

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
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 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		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	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 % 71.5-134

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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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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 - 1 (4') (H230419-14)

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	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 % 71.5-134

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	01/31/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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 - 2 (4') (H230419-15)

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	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 % 71.5-134

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	01/31/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

TALON LPE
 DAVID ADKINS
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 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		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	01/31/2023	ND	448	112	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 1 of 2

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: David Atkins
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: _____
 Phone #: 432-215-5443 Fax #: _____
 Project #: 02 Project Owner: _____
 Project Name: Aspen Lewis #1 Pasture
 Project Location: Lea Co. NM
 Sampler Name: K. Taylor
 P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H330419	C-1 (4')	C	1							1-27-23	1256	X	X	X
	C-2 (4')	C	1								1258	X	X	X
	C-3 (4')	C	1								1314	X	X	X
	C-4 (4')	C	1								1320	X	X	X
	C-5 (4')	C	1								1327	X	X	X
	C-6 (4')	C	1								1334	X	X	X
	C-7 (4')	C	1								1338	X	X	X
	C-8 (4')	C	1								1340	X	X	X
	C-9 (4')	C	1								1300	X	X	X
	CWSK-1 (4')	C	1											

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Relinquished By: [Signature] Date: 1-31-23
 Received By: [Signature] Date: 1-31-23
 Relinquished By: [Signature] Date: 1-31-23
 Received By: [Signature] Date: 1-31-23

Delivered By: (Circle One) UPS Observed Temp. °C 50 Sample Condition Cool Intact
 Corrected Temp. °C 41.4 Yes No Yes No No
 Checked By: [Signature]
 Turnaround Time: _____ Standard Rush
 Thermometer ID #113 Bacteria (only) Sample Condition Cool Intact
 Correction Factor .05°C Yes No Yes No No
 Corrected Temp. °C _____

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

page 20 of 2

BILL TO

ANALYSIS REQUEST

Company Name: _____ P.O. #: _____
 Project Manager: _____ Company: _____
 Address: _____ Attn: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: Aspen Lewis #1 Pasture
 Project Location: _____ City: _____ State: _____ Zip: _____
 Sampler Name: _____ Phone #: _____
 FOR LAB USE ONLY: _____ Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HA30419	CNSW-1	(4')	1			1				1-31-23	1308	X	X	X
11	CNSW-2	(4')	1			1					1356	X	X	X
13	CNSW-3	(4')	1			1					1400	X	X	X
14	CSSW-1	(4')	1			1					1302	X	X	X
15	CSSW-2	(4')	1			1					1345	X	X	X
16	CSSW-3	(4')	1			1					1352	X	X	X

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Relinquished By: Yanika Swain Date: 1-31-23 Received By: Yanika Swain
 Relinquished By: _____ Date: _____ Received By: _____

Delivered By: (Circle One) Observed Temp. °C 5.0 Sample Condition: Intact Cool Yes No Yes No
 Corrected Temp. °C 4.4 CHECKED BY: Y
 Sampler - UPS - Bus - Other: _____ Turnaround Time: _____ Standard Rush
 Thermometer ID #113 Bacteria (only) Sample Condition: Cool Intact Observed Temp. °C _____
 Correction Factor -0.8°C Yes No Yes No Corrected Temp. °C _____

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



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:	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
Project Location:	LEA CO., NM		

Sample ID: C - 7 (5') (H230592-01)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 160 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	LEA CO., NM		

Sample ID: C - 8 (6') (H230592-02)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	LEA CO., NM		

Sample ID: CNSW - 3 (1') (H230592-03)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	LEA CO., NM		

Sample ID: CSSW - 2 (1') (H230592-04)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2023	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	LEA CO., NM		

Sample ID: CSSW - 3 (1') (H230592-05)

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	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 % 71.5-134

Chloride, SM4500CI-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	02/11/2023	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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.
- 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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Talon LPE
 Project Manager: David Adkins
 Address: 408 W. Texas Ave
 City: Artesia State: NM Zip: _____
 Phone #: 432-210-5443 Fax #: _____
 Project #: 701048.016.01 Project Owner: _____
 Project Name: Aspen Lewis #1 Pasture
 Project Location: Lea Co. NM
 Sampler Name: K Taylor

P.O. #: _____
 Company: _____
 Attn: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH	BTEX	Chlorides	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						ICE / COOL
H230592	C-7 (5')	C	1									2-8-23	1240	X	X	X
	C-8 (6')	C	1									1245	X	X	X	
	CNSW-3 (1')	C	1									1255	X	X	X	
	CSSW-2 (1')	C	1									1248	X	X	X	
	CSSW-3 (1')	C	1									1250	X	X	X	

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Relinquished By: Karla Sampa Date: 2-8-23
 Time: 1:05
 Received By: [Signature]

Delivered By: (Circle One) Observed Temp. °C 57 Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: Corrected Temp. °C 51 CHECKED BY: [Signature]
 Turnaround Time: _____ Standard Rush
 Thermometer ID #113 Bacteria (only) Cool Intact Yes No
 Correction Factor -0.6°C Yes No Sample Condition: Observed Temp. °C _____ Corrected Temp. °C _____

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



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:	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
Project Location:	LEA CO., NM		

Sample ID: C - 7 (6') (H232109-01)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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
Project Location:	LEA CO., NM		

Sample ID: CNSW - 3 (2') (H232109-02)

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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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.
- 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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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Talony LPE</u> Project Manager: <u>D. Adkins</u> Address: <u>408 W. Texas Ave</u> City: <u>Artesia</u> State: <u>NM</u> Zip: _____ Phone #: <u>432-210-5443</u> Fax #: _____ Project #: <u>761048.016.01</u> Project Owner: _____ Project Name: <u>Aspen Lewis #1 Pasture</u> Project Location: <u>Lea Co, NM</u> Sampler Name: <u>K. Taylor</u>		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <u>H33109</u> Sample I.D. <u>C-7 (6') 2 CWSW-5 (5')</u>		(G)RAB OR (C)OMP. <u>C 1</u> # CONTAINERS <u>1</u>	MATRIX GROUNDWATER _____ WASTEWATER _____ SOIL <u>X</u> OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL <u>X</u> OTHER: _____
Date: <u>4-28-23</u> Time: <u>1530</u> Date: _____ Time: _____		DATE <u>4-28-23</u> TIME <u>0930</u>	DATE <u>4-28-23</u> TIME <u>0930</u>
Relinquished By: <u>Shayla Sawyer</u> Date: _____ Time: _____		Received By: <u>Shodriquest</u> Date: _____ Time: _____	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: _____
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C <u>11.0</u> Corrected Temp. °C <u>1.0</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <u>SYL</u> Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Correction Factor -0.6°C Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C _____

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 225966

CONDITIONS

Operator: ASPEN OPERATING COMPANY LLC 6777 Camp Bowie Blvd. Fort Worth, TX 76116	OGRID: 217598
	Action Number: 225966
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Deferral request is approved. Remediation Due date left open until the well site has been plugged and abandoned.	9/12/2023