





talonlpe.com • 866.742.0742



Remediation and Closure Report

Red Tank 4 Federal 1 Lea County, New Mexico Incident # NAPP2122123399

Prepared For:

Cimarex Energy Company 600 N. Marienfeld Street, Ste. 600 Midland, TX 79701

Prepared By:

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

December 15, 2021



Mike Bratcher
NMOCD
1301 W. Grand Avenue
Artesia, NM 88210

Jim Amos BLM 620 E. Greene St. Carlsbad, NM 88220

Subject:

Remediation and Closure Report

Red Tank 4 Federal 1 Lea County, New Mexico Incident #NAPP212212339

Dear Mr. Bratcher,

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

Site Information

The Red Tank 4 Federal 1 Battery is located approximately thirty-three (33) miles southeast of Carlsbad, New Mexico. The legal location for this release is Unit Letter D, Section 4, Township 23 South and Range 32 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.33921 and -103.68561. 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 made up of Pyote and Maljamar fine sands with 0-3 percent slopes. The referenced soil data is presented in Appendix II. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology consists of sandy eolian deposits from sedimentary rock, Halocene to middle Pleistocene in age. Drainage courses in this area are typically well drained.

Ground Water and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 400-feet below ground surface (bgs). See Appendix II for the referenced groundwater depth. Further research of the Bureau of Land Management Karst data indicates that this site is not situated within a potential Karst area.

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

Approximate Depth to	Groundwater	400 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 an area where the referenced groundwater exceeds .5-mile radius, therefore the cleanup criteria for this site is as follows.

	Tab		
	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
≤ 50 feet	Total Chlorides	EPA 300.0 or SM4500 CI B	600 mg/kg
	TPH (ODG DDG MDG)	EPA SW-846 Method 8015M	100 mg/kg
	(GRO+DRO+MRO)		
	BTEX	EPA SW-846 Method 8021B	50 mg/kg
		or 8260B	
	Benzene	EPA SW-846 Method 8021B	10 mg/kg
		or 8260B	

Incident Description

According to the C-141 Release Notification, on August 05, 2021 a release was discovered, whereby a poly flow line had developed a hole causing the release of approximately 75 bbls of produced water. The volume calculated is according to numbers provided by production. The majority of the fluid remained on the well pad. However, some fluid traversed the lease road, exited the road and impacted pasture area. The site map is presented in Appendix I.

Site Assessment

Due to the location and characteristics of the pasture impact: the BLM was notified. The site assessment activities for this area were postponed until the BLM could verify whether or not this site was of an archaeological concern and an archaeological survey could be conducted. It was ascertained that this location was not in an archaeological area of concern, however this delayed site assessment and site remediation efforts.

On August 06, 2021, Talon mobilized personnel and equipment to the site and conducted an initial site assessment, as well as a site safety walk with Cimarex Energy personnel. The impacted area was mapped, photographed and sampled utilizing a hand auger. All soil samples were properly packaged, preserved, and transported to Hall Laboratories via chain of custody for analysis of Total Chlorides (Method SM4500Cl-B), TPH (EPA Method 8015M), and BTEX (EPA Method 8021B). Sample locations are shown on the attached site plan and the results of our sampling event are presented on the following data table.

Table I 08-18-21 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg	
	NMOCD Table 1 Closure Criteria 19.15.29 NMAC		50 mg/kg	10 mg/kg	DRO + 0	DRO + GRO combined = 100				
S-1	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	4800	
• •	8/6/2021	2'	ND	ND	ND.	ND	ND	0	940	
S-2	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	2600	
	8/6/2021	2'	ND	ND	ND.	ND	ND	0	92	
	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	4600	
S-3	8/6/2021	2'	ND	ND	ND	ND	ND	0	4500	
	8/6/2021	3'	ND	ND	ND.	ND	ND	0	7000	
	8/17/2021	4'	ND	ND	ND.	ND	ND	0	390	
	8/6/2021	0-1' 2'	ND ND	ND ND	ND ND	ND ND	ND ND		2300	
S-4	8/6/2021	3'						0	3900	
	8/6/2021 8/17/2021	3' 4'	ND ND	ND ND	ND ND	ND ND	ND	0	4500	
	8/17/2021 8/6/2021	0-1'	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND 3300	
	8/6/2021	2'	ND ND	ND ND	ND ND	ND ND	ND ND	0	3300	
S-5	8/6/2021	3'	ND ND	ND ND	ND ND	ND ND	ND ND	0	2900	
3-3	8/17/2021	3 4'	ND ND	ND ND	ND	ND ND	ND ND	0	330	
	8/17/2021	5'	ND ND	ND ND	ND ND	ND ND	ND ND	0	.3.30 ND	
	8/6/2021	0-1'	ND ND	ND ND	ND ND	ND ND	ND ND	0	2300	
S-6	8/6/2021	2'	ND ND	ND ND	ND	ND ND	ND ND	0	270	
3-0	8/6/2021	3'	ND ND	ND ND	ND	ND ND	ND ND	0	84	
S-7	8/6/2021	0-1' R	ND ND	ND ND	ND	ND ND	ND ND	0	7100	
	8/6/2021	0-1 K	ND ND	ND ND	ND	ND ND	ND ND	0	4300	
S-8	8/6/2021	2' R	ND ND	ND ND	ND ND	ND ND	ND	0	980	
BG-1	8/6/2021	0-1'	ND ND	ND	ND	ND ND	ND	0	1000	
BG-1	8/6/2021	0-1	ND ND	ND	ND	ND ND	ND ND	0	ND	
BG-3	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	ND	
BG-4	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	ND	
BG-5	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	ND	
	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	1300	
BG-6	8/17/2021	2'	ND	ND	ND	ND	ND	0	ND	
BG-7	8/17/2021	0-1'	ND	ND	ND	ND	ND		71	
		ND = Analy	te Not Detecte	ed R = Refus	al with Hand	Auger BG = E	Background		• •	

See Appendix VI for the complete report of laboratory results.

On October 5th and 6th, 2021 respectively, based on the laboratory results from the initial site assessment and upon client authorization, Talon personnel were mobilized to the site in order to confirmation sample, map and photo document the excavated areas on the pad. Work completed by others indicated that the impacted areas had been excavated from depths of 3 feet to 10 feet bgs. respectively. Complete site plans with sample positions are attached in Appendix I on Figure 1. All soil samples were properly collected, and preserved for transport to Hall Laboratories in order to confirm that NMOCD clean-up criteria had been achieved. The confirmation results from the laboratory are tabulated below.

Table II10/15/2021 Soil Sample Laboratory Results

Sample Position	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCE	Table 1 Closure (19.15.29 NMAC	Criteria	50 mg/kg	10 mg/kg	DRO + 0	GRO combine mg/kg	ed = 100	100 mg/kg	600 mg/kg
S-1	10/5/2021	5'	ND	ND	ND	ND	ND	0	94
S-2	10/5/2021	5'	ND	ND	ND	ND	ND	0	88
S-3	10/5/2021	5'	ND	ND	ND	ND	ND	0	87
S-4	10/5/2021	7'	ND	ND	ND	ND	ND	0	300
S-5	10/6/2021	10'	ND	ND	ND	ND	ND	0	220
S-6	10/6/2021	10'	ND	ND	ND	ND	ND	0	220
S-7	10/6/2021	10'	ND	ND	ND	ND	ND	0	310
S-8	10/6/2021	10'	ND	ND	ND	ND	ND	0	290
S-9	10/6/2021	10'	ND	ND	ND	ND	ND	0	290
S-10	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	320
S-11	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	300
S-12	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	280
S-13	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	300
S-14	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	ND
S-15	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	ND
S-16	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	290
S-17	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	310
S-18	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	320
S-19	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	320
S-20	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	ND
S-21	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	320
S-22	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	320
S-23	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	310
S-24	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	330
S-25	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	310
S-26	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	150
S-27	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	150
S-28	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	150
S-29	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	ND
S-30	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	160
S-31	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	ND
S-32	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	ND
S-33	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	300
S-34	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	140
S-35	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	75
S-36	10/6/2021	3'	ND	ND	ND	ND	ND	0	ND
S-37	10/6/2021	3'	ND	ND	ND	ND	ND	0	140
S-38	10/6/2021	3'	ND	ND	ND	ND	ND	0	66

ND=Analyted Not Detected
Sidewall results continued:

Sample Position	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCI	Table 1 Closure (19.15.29 NMAC	Criteria	50 mg/kg	10 mg/kg	DRO + G	RO combine mg/kg	ed = 100	100 mg/kg	600 mg/kg
N.SW-1	10/6/2021	10'	ND	ND	ND	ND	ND	0	150
N.SW-2	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	300
N.SW-3	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	150
N.SW-4	10/5/2021	3-4'	ND	ND	ND	ND	ND	0	ND
S.SW-1	10/5/2021	5'	ND	ND	ND	ND	ND	0	ND
S.SW-2	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	67
S.SW-3	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	200
S.SW-4	10/6/2021	3-4'	ND	ND	ND	ND	ND	0	ND
E.SW-1	10/5/2021	5-7'	ND	ND	ND	ND	ND	0	ND
E.SW-2	10/6/2021	10'	ND	ND	ND	ND	ND	0	81
E.SW-3	10/6/2021	10'	ND	ND	ND	ND	ND	0	ND
E.SW-4	10/6/2021	3'	ND	ND	ND	ND	ND	0	160
W.SW-1	10/5/2021	5-7'	ND	ND	ND	ND	ND	0	85
W.SW-2	10/6/2021	10'	ND	ND	ND	ND	ND	0	180
W.SW-3	10/6/2021	10'	ND	ND	ND	ND	ND	0	79
W.SW-4	10/6/2021	4'	ND	ND	ND	ND	ND	0	290
	ND = Analyte Not Detected SW = Side Wall								

On October 12, 2021 Talon personnel returned to the site in order to confirmation sample the lease road area. Work completed by others indicated that the lease road had been excavated to depths of 1.5 feet, in accordance with assessment data. A complete site plan of the lease road remediation can be viewed on Figure 2 in Appendix I. All samples were collected on a five point composite basis. Soil samples were properly retrieved, packaged, and preserved for transport via Chain of Custody to Eurofins for analyses of BTEX (EPA Method 8021B), TPH (EPA Method 8015/8015B), and Total Chlorides (EPA Method 300.0). The confirmation results from the laboratory are tabulated below.

Table III10/25/2021 Soil Sample Laboratory Results

Sample	Sample Date	Depth	BTEX	Benzene	GRO	DRO	MRO	Total	Cl
NMOCD	Table 1 Closure	Criteria	50	10 mg/kg	DRO	+ GRO + I	MRO	100	600
R-1	10/12/2021	1.5'	0.00226	0.00049	ND	ND	30.9	30.9	222
R-2	10/12/2021	1.5'	0.00191	ND	ND	ND	ND	0	162
R-3	10/12/2021	1.5'	0.00263	0.000447	ND	ND	ND	0	83.2
R-4	10/12/2021	1.5'	0.0021	ND	ND	ND	ND	0	200
R-5	10/12/2021	1.5'	0.00224	0.000562	36.4	ND	ND	36.4	200
R-6	10/12/2021	1.5'	ND	ND	ND	ND	ND	0	209
R-7	10/12/2021	1.5'	0.00457	0.00108	ND	ND	ND	0	199
R-8	10/12/2021	1.5'	ND	ND	ND	ND	ND	0	203
R-9	10/12/2021	1.5'	0.00118	0.000432	ND	ND	ND	0	223
R-10	10/12/2021	1.5'	0.00404	ND	ND	ND	ND	0	228
R-11	10/12/2021	1.5'	ND	ND	ND	ND	ND	0	101
R-12	10/12/2021	1.5'	ND	ND	ND	ND	ND	0	45.7
R-13	10/12/2021	1.5'	0.00316	0.000613	ND	ND	ND	0	34.5
R-14	10/12/2021	1.5'	0.00244	ND	ND	ND	ND	,0	75.1
R-15	10/12/2021	1.5'	0.00175	0.00062	ND	ND	ND	0	83.1
R-16	10/12/2021	1.5'	0.00141	0.000886	16.2	ND	ND	16.2	66.9
R-17	10/12/2021	1.5'	0.00127	0.000535	15.7	ND	ND	15.7	99.3
SW-1	10/12/2021	1.5'	0.00354	0.000685	ND	ND	ND	0	44.7
SW-2	10/12/2021	1.5'	0.00266	0.000868	16.9	ND	ND	16.9	38.4
SW-3	10/12/2021	1.5'	0.00303	0.00172	ND	ND	ND	0	232
SW-4	10/12/2021	1.5'	ND	ND	ND	ND	ND	0	102
SW-5	10/12/2021	1.5'	ND	ND	ND	ND	ND	0	104
SW-6	10/12/2021	1.5'	ND	ND	ND	ND	ND	0	92.4
SW-7	10/12/2021	1.5'	ND	ND	ND	ND	ND	0	87.6
SW-8	10/12/2021	1.5'	ND	ND	ND	ND	ND	0	34.4
SW-9	10/12/2021	1.5'	ND	ND	ND	ND	ND	0	54.7
		ND = Ana	lyte Not Det	ected, R = Roa	d Sample, S	SW = Sidew	rall		

On October 13, 2021 Talon personnel returned to the location in order to confirmation sample the excavated area located behind the tank containment on the east side of the pad area. The impacted area behind the containment had been excavated by others to depths of 1.5 feet bgs., to 5 feet bgs. Field titrations were utilized to guide the excavation to the extint that soil remediation levels were in accordance with NMAC Table I guidelines. Below is a table recapping the laboratory results for soil analyte levels. The excavated area and sample positions can be viewed on site map denoted as Figure 3 in Appendix I.

Table IV 10/25/2021 Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
	NMOCD Table 1 Closure Criteria 19.15.29 NMAC		50 mg/kg	10 mg/kg	DRO + GRO) + MRO comb mg/kg	oined = 100	100 mg/kg	600 mg/kg
S-39	10/13/2021	5'	0.00178	ND	36.2	30	ND	66.2	214
S-40	10/13/2021	5'	0.00231	ND	38	28.6	ND	66.6	214
S-41	10/13/2021	3-4'	0.00383	ND	31.9	32.5	ND	64.4	223
S-42	10/13/2021	3'	0.00441	0.000848	ND	50.4	ND	50.4	200
S-43	10/13/2021	1.5-2'	ND	ND	22.7	34.1	ND	56.8	201
S-44	10/13/2021	1.5-2'	0.00215	ND	31.5	30.5	ND	62	193
S-45	10/13/2021	1.5'	ND	ND	35.4	39.1	ND	74.5	197
SW-10	10/13/2021	5'	ND	ND	51.4	28.7	ND	80.1	195
SW-11	10/13/2021	5'	ND	ND	34.4	29.9	ND	64.3	15.7
SW-12	10/13/2021	3-4'	ND	ND	41.2	16.4	ND	57.6	15.1
SW-13	10/13/2021	3-4'	ND	ND	39.7	26.1	ND	65.8	157
SW-14	10/13/2021	1.5-2'	ND	ND	46.7	26.1	ND	72.8	12.7
SW-15	10/13/2021	1.5-2'	0.00117	0.000467	39.1	24.7	ND	63.8	15.4
SW-16	10/13/2021	1.5-2'	ND	ND	33.8	24.7	ND	58.5	13.4

ND=Analyte Not Detected

See Appendix VI for the complete report of laboratory results.

On October 18, 2021 the excavation for the remaining pad, pasture, and lease road area was complete. Talon personnel again returned to the site in order to confirmation sample the remainder of the impacted area. Excavation work completed by others indicated that this area was excavated from depths of 2 feet to 3 feet bgs., respectively. The excavated area as well as sample positions are mapped on Figure 4 in Appendix 1. These areas were sampled on a five point composite basis. All samples were properly retrieved, contained, preserved, and transported to Eurofins Laboratory for analysis. The results area tabulated below for ease of reference.

Table VI 10/26/2021 Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
	Table 1 Closu 19.15.29 NM/	re Criteria	50 mg/kg	10 mg/kg	DRO + GF	RO + MRO co = 100 mg/kg	ombined	100 mg/kg	600 mg/kg
S-46	10/18/2021	. 2'	0.00109	0.0004	ND	19.3	ND	19.3	102
S-47	10/18/2021	. 2'	0.00273	0.000397	27.4	19.4	ND	46.8	189
S-48	10/18/2021	. 2'	0.00392	0.000722	23.3	18.4	ND	41.7	5.41
S-48	10/18/2021	. 3'	ND	ND	46.8	17.9	ND	64.7	234
S-50	10/18/2021	. 3'	0.00165	0.000932	35.9	17.7	ND	53.6	197
S-51	10/18/2021	. 3'	ND	ND	34.1	17.2	ND	51.3	187
S-52	10/18/2021	. 2'	ND	ND	31.5	18.1	ND	49.6	227
S-53	10/18/2021	. 2'	<0.00401	0.000817	19.9	16.2	ND	36.1	181
S-54	10/18/2021	. 2'	0.00305	ND	34.2	17.4	ND	51.6	235
S-55	10/18/2021	. 2'	<0.00398	0.000393	44.7	17.5	ND	62.2	181
SW-17	10/18/2021	. 2'	0.00258	ND	31.1	17.3	ND	48.4	232
SW-18	10/18/2021	. 2'	0.00121	ND	43.2	17.5	ND	60.7	181
SW-19	10/18/2021	. 2'	0.0013	0.000765	34.8	18.3	ND	53.1	187
SW-20	10/18/2021	. 2-3'	0.00325	0.000397	24.1	17.3	ND	41.4	221
SW-21	10/18/2021	. 2'	0.00141	0.000801	24.5	17.7	ND	42.2	181
SW-22	10/18/2021	. 2'	ND	ND	43.6	17.1	ND	60.7	186
SW-23	10/18/2021	. 2-3'	0.00144	0.000468	38	17.7	ND	55.7	251
			ND = Analy	te Not Dete	cted, SW =	Sidewall			

See Appendix VI for the complete report of laboratory results.

Remedial Actions

- The spill footprint areas were excavated from depths of 3 to 10 feet bgs., and to the horizontal extent that all sidewalls and bottoms of excavated areas were remediated to Table I Standards. All samples were collected on a composite basis. Laboratory analysis confirms that NMOCD remediation guidelines for soil remediation were achieved.
- Sidewall and background samples were obtained in order to confirm horizontal delineation.
- The excavated pad area was backfilled with clean caliche and compacted to grade.
- The impacted pasture area was excavated, backfilled with native clean sand, restored to Dunal like features, terraced to prevent erosion, and seeded with BLM LPC seed mixture as can bee seen in photographic photo documentation (Appendix V).
- All contaminated soil was transported to Lea Land, LLC, a NMOCD approved disposal facility.

Closure

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

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

Respectfully submitted,

Talon/LPE

Rebecca S. Pons Senior Environmental Project Manager

Attachments:

Appendix I Site Plans

Appendix II Groundwater Data, Soil Survey, Karst Map, FEMA Map

Appendix III C-141 Forms

Appendix IV Photographic Documentation

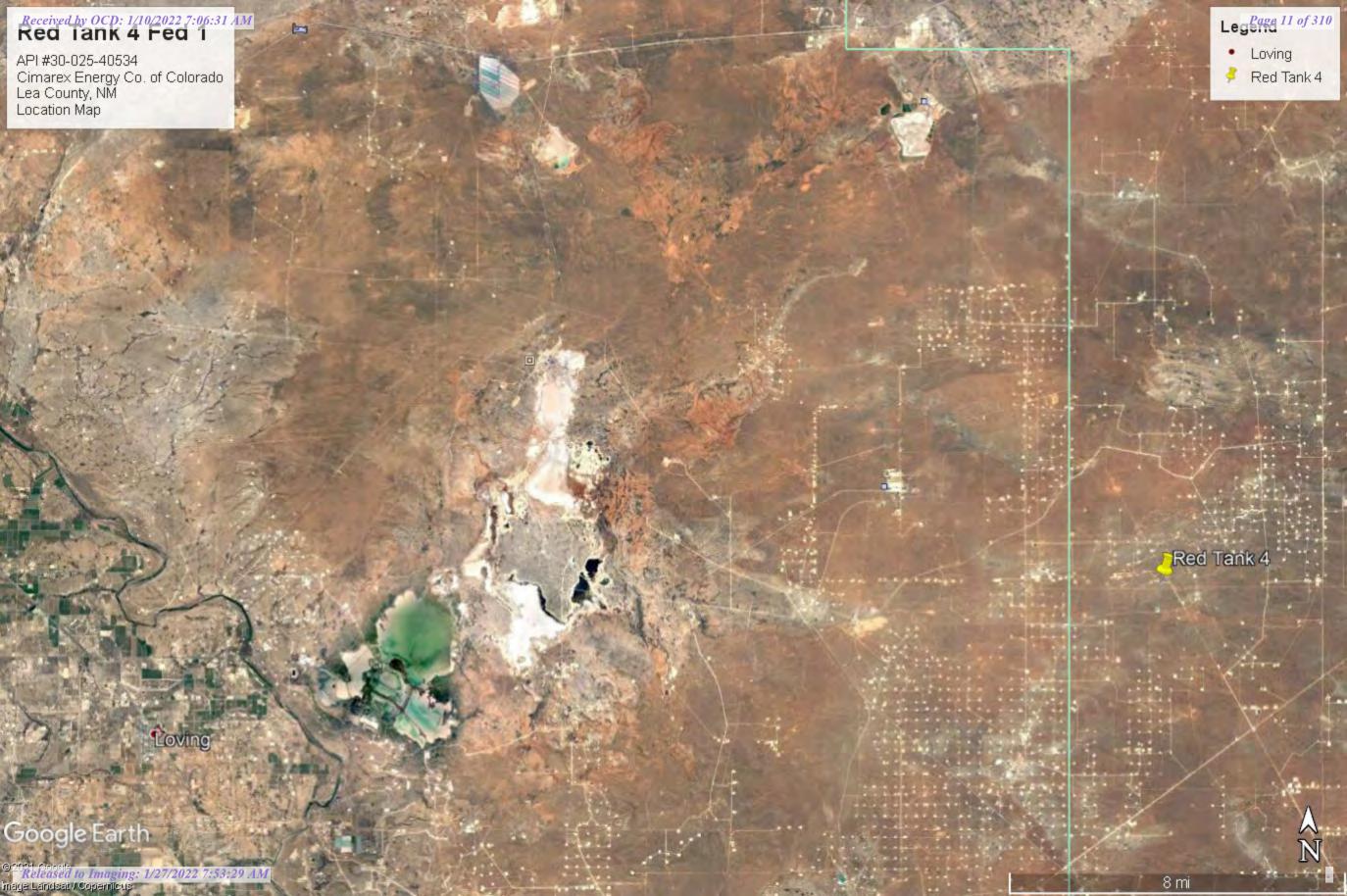
Appendix V Seed Tag

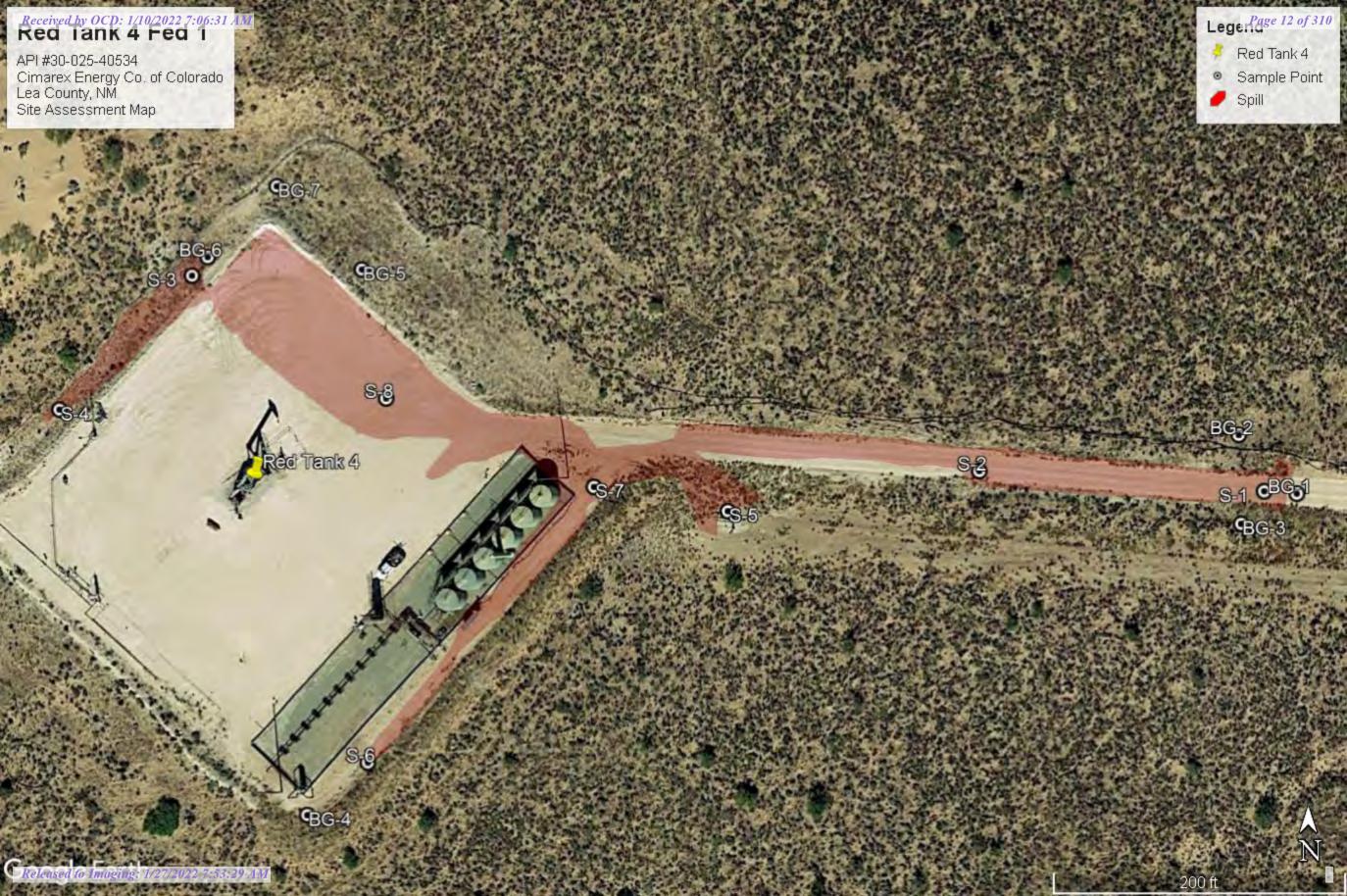
Appendix VI Laboratory Data

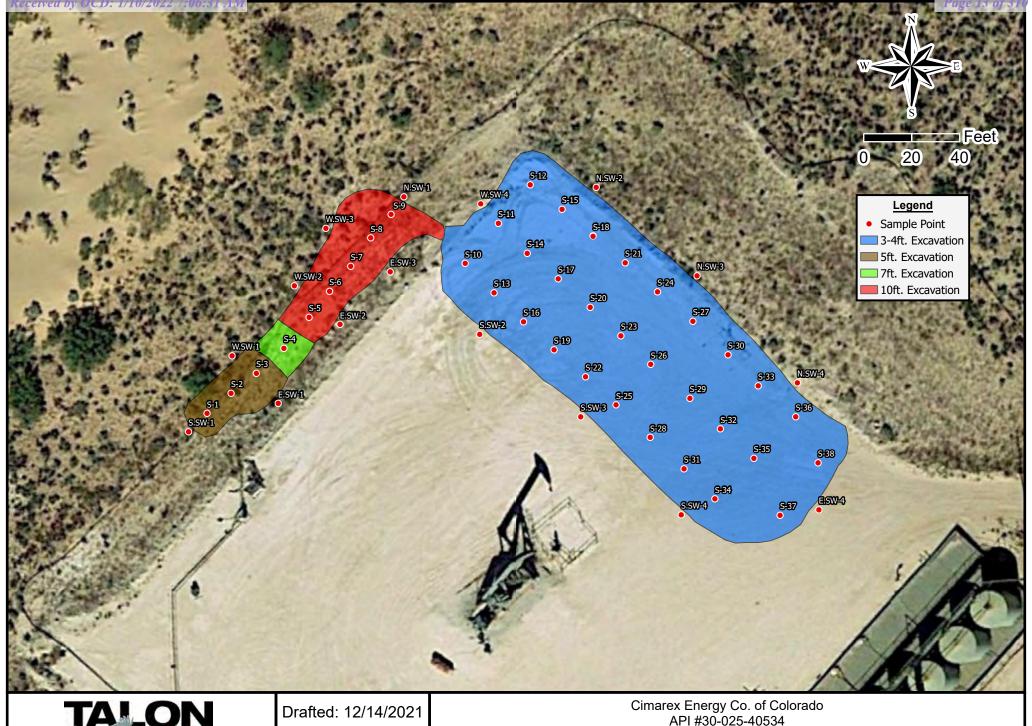


APPENDIX I

SITE PLANS



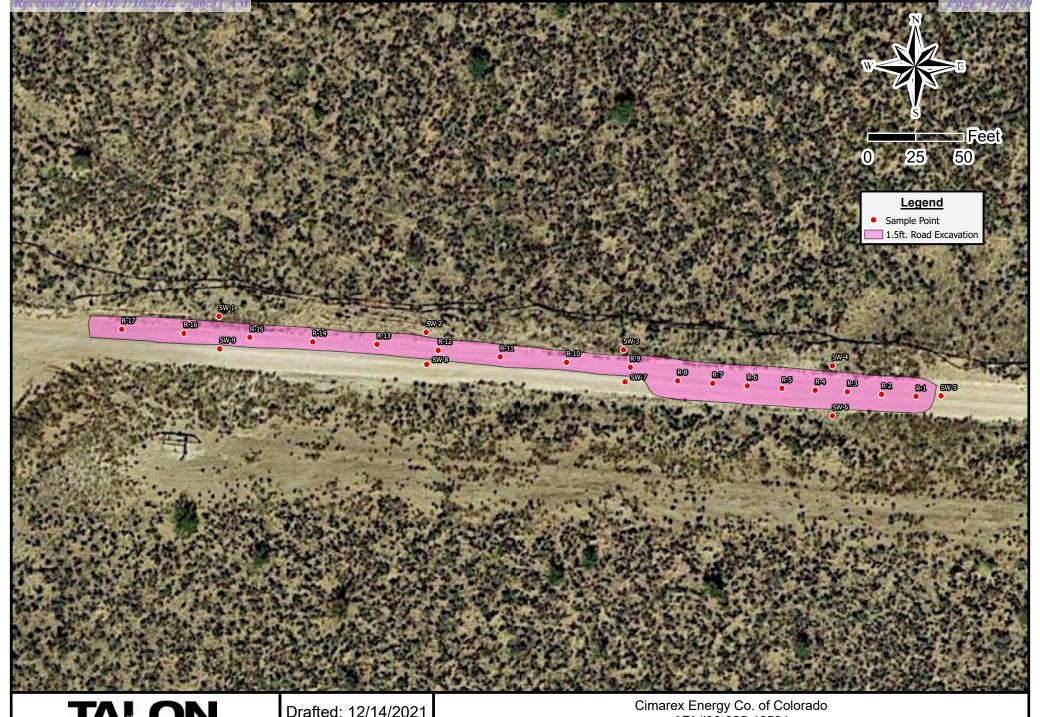




TALON

Drafted: 12/14/2021 1 in = 40 ft Drafted By: JAI Cimarex Energy Co. of Colorado API #30-025-40534 OCD Incident #nAPP2122123399 Lea County, NM Figure 1 - Well Pad Confirmation Map

Released to Imaging: 1/27/2022 7:53:29 AM



TALON
LPE

Released to Imaging: 1/27/2022 7:53:29 AM

Drafted: 12/14/2021 1 in = 50 ft

Drafted By: JAI

Cimarex Energy Co. of Colorado API #30-025-40534 OCD Incident #nAPP2122123399 Lea County, NM Figure 2 - Road Confirmation Map





TALON Released to Imaging: 1/27/2022 7.53.29 AM

1 in = 30 ft

Drafted By: JAI

OCD Incident #nAPP2122123399 Lea County, NM Figure 4 - Road/Well Pad Confirmation Map Received by OCD: 1/10/2022 7.06.31 AM Page 17 o

National Flood Hazard Layer FIRMette FEMA Legend SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE. AO, AH. VE. AR. SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D. NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer STRUCTURES IIIIII Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation Coastal Transect Zce D - 513---- Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary -- -- Coastal Transect Baseline OTHER Profile Baseline Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/10/2021 at 4:57 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time. This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for 103°40'50"W 32°20'8"N unmapped and unmodernized areas cannot be used for 1:6,000 regulatory purposes. 500 1,000 250 1,500 2,000 Basemap: USGS National Map: Ortholmagery: Data refreshed October, 2020



Drafted: 12/14/2021 Refer to Map Drafted By: JAI Cimarex Energy Co. of Colorado API #30-025-40534 OCD Incident #nAPP2122123399 Lea County, NM Figure 5 - FEMA Flood Map



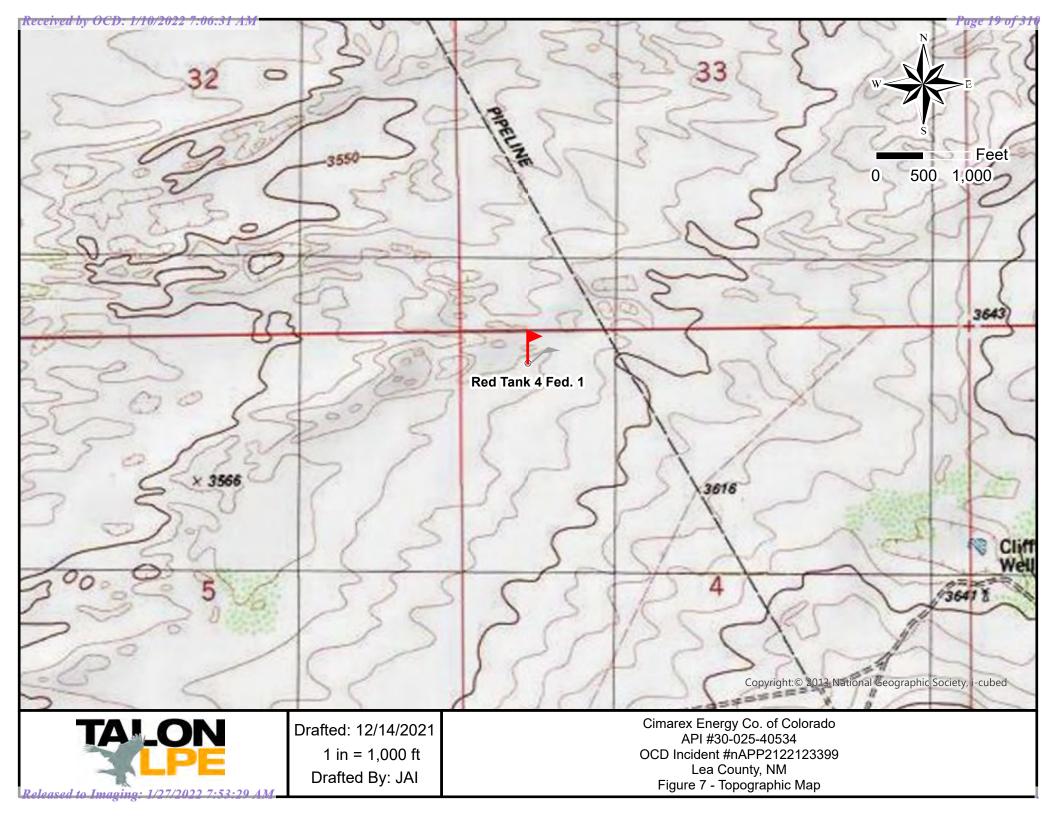
TALON LPE

Released to Imaging: 1/27/2022 7:53:29 AM

1 in = 500 ft

Drafted By: JAI

Cimarex Energy Co. of Colorado API #30-025-40534 OCD Incident #nAPP2122123399 Lea County, NM Figure 6 - Karst Map





<u>APPENDIX II</u>

GROUNDWATER DATA

SOIL SURVEY



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right

(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

(NAD83 UTM in meters) largest)

(In feet)

		POD													
		Sub-		Q	Q	Q								W	ater
POD Number	Code	basin	County	64	16	4 9	Sec	Tws	Rng	X	Υ	DistanceDe	pthWellDep	othWaterCo	lumn
<u>C 02349</u>		CUB	ED		2	3	03	23S	32E	625678	3578004*	2133	525		
C 02939		С	LE	3	3	1	19	22S	32E	620234	3583042*	5479	280		
C 02216		CUB	LE	2	2	4	21	23S	32E	625035	3573261*	5693	585	400	185
C 02756		CUB	ED	3	4	4	26	22S	31E	618250	3580606*	5739	1998		
C 03152		CUB	FD	3	4	4	26	225	31F	618250	3580606*	5739	938		

400 feet Average Depth to Water:

> Minimum Depth: 400 feet

400 feet Maximum Depth:

Record Count:

UTMNAD83 Radius Search (in meters):

Easting (X): 623696.59 Northing (Y): 3578794.63 Radius: 6000

*UTM location was derived from PLSS - see Help

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

8/6/21 7:14 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent Maljamar and similar soils: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

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

Parent material: Sandy eolian deposits derived from sedimentary

rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 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: Negligible

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

(2.00 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: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

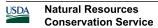
mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e



Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: A

Ecological site: R042XC003NM - Loamy Sand

Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains

Landform position (three-dimensional): Rise

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

Parent material: Sandy eolian deposits derived from sedimentary

rock

Typical profile

A - 0 to 24 inches: fine sand

Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 40 to 60 inches to petrocalcic

Drainage class: Well drained Runoff class: Very low

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

to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 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: Low (about 5.6 inches)

Interpretive groups

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

Hydrologic Soil Group: B

Ecological site: R042XC003NM - Loamy Sand

Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent

Ecological site: R042XC022NM - Sandhills

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 17, Jun 8, 2020



APPENDIX III

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

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

Incident ID	nAPP2122123399
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party: Cima	rex Energy Co. of	Colorado		OGRID: 1	62683			
Contact Nam	e: Laci Luig	T C			Contact Telephone: (432) 571-7800				
Contact emai	il: lluig@cin	narex.com			Incident # (assigned by OCD) nAPP2122123399				
Contact mail Midland, TX		600 N Marienfeld	d Street, Ste. 600		1				
			Location	of R	delease So	ource			
Latitude 32.3	3921		(NAD 83 in de	ecimal de	Longitude - grees to 5 decim	103.68561			
Site Name: Re	ed Tank 4 F	ederal 1			Site Type:	Battery			
Date Release	Discovered:	8/5/2021			API# (if app	licable)			
Unit Letter	Section	Township	Range		Coun	ty			
D	4	23S	32E	Lea					
Surface Owner		Federal T	Nature an	d Vol	lume of I	Release justification for the volumes provided below)			
Crude Oil		Volume Release	, ,			Volume Recovered (bbls)			
Produced	Water	Volume Release	ed (bbls) 75			Volume Recovered (bbls) 0			
		Is the concentra produced water	tion of dissolved >10,000 mg/l?	chloride	e in the	☐ Yes ☐ No			
Condensa	te	Volume Release				Volume Recovered (bbls)			
Natural G	as	Volume Release	ed (Mcf)			Volume Recovered (Mcf)			
Other (des	scribe)	Volume/Weight	Released (provid	de units))	Volume/Weight Recovered (provide units)			
	ine develop					luced water outside containment (according to f the pad.			

Received by OCD: 1/10/2022 7:06:31 AM State of New Mexico
Page 2 Oil Conservation Division

Page 27 of 3 10

Incident ID	nAPP2122123399
District RP	
Facility ID	
Application ID	

Was this a major	If VES for what reason(s) does the rea	enongible party consider this a major release?			
release as defined by	If YES, for what reason(s) does the responsible party consider this a major release? Total amount released is greater than 25 barrels.				
19.15.29.7(A) NMAC?					
⊠ Yes □ No					
If YES, was immediate no	otice given to the OCD? By whom? To	whom? When and by what means (phone, email, etc)?			
By: Gloria Garza		District City I DIAM			
To: Mike Bratcher, Cristi By: Email	na Eads, Jim Griswold, Robert Hamlet,	District 1 Spills and BLM			
By. Eman					
	Initial	Response			
The responsible	party must undertake the following actions immed	iately unless they could create a safety hazard that would result in injury			
The source of the rele	ease has been stopped.				
The impacted area ha	s been secured to protect human health a	and the environment.			
Released materials ha	ave been contained via the use of berms	or dikes, absorbent pads, or other containment devices.			
All free liquids and re	ecoverable materials have been removed	and managed appropriately.			
If all the actions describe	d above have <u>not</u> been undertaken, expla	uin why:			
		· · · · ·			
D 1017200D (1) NO					
		ce remediation immediately after discovery of a release. If remediation ial efforts have been successfully completed or if the release occurred			
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 info	rmation 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: Laci Luig Title: ESH Specialist					
Signature:		_ Date: 8/9/2021			
email: lluig@cimarex.com		Telephone: (432) 208-3035			
OCD Only					
Received by:Ramo	ona Marcus	Date: 8/20/2021			

	Page 28 of 31	0
Incident ID	nAPP2122123399	
District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

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

486 (ft bgs)				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody				
i•				

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

Received by OCD: 1/10/2022 7:06:31 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 29 of 310
Incident ID	nAPP2122123399
District RP	
Facility ID	
Application ID	

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: Laci Luig ______ Title: ESH Specialist ______

Signature: _______ Date: 8/20/2021 ______

email: lluig@cimarex.com ______ Telephone: (432) 208-3035 _______

OCD Only

Received by: ______ Ramona Marcus ______ Date: _______ 8/20/2021 _______

Page 30 of 310

Incident ID	nAPP2122123399
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.					
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)					
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)				
Description of remediation activities					
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and renhuman health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the conaccordance with 19.15.29.13 NMAC including notification to the O Printed Name: Laci Luig	mediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for ations. The responsible party acknowledges they must substantially notitions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.				
email: lluig@cimarex.com	Telephone: (432) 208-3035				
OCD Only					
Received by: Chad Hensley	Date:01/27/2022				
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.					
Closure Approved by:	Date:01/27/2022				
Printed Name: Chad Hensley	Title:Environmental Specialist Advanced				



APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION





Photograph No.1 Description:

Lease Road Impact



Photograph No.2 Description:

Spill exit lease road-pasture impact



Photograph No.3 Description:

Pad area impact



Photograph No.4 Description:

Pad Area excavation





Photograph No.5 Description:

East side of containment excavation



Photograph No.6 Description:

Site backfilled to grade



Photograph No.3 Description:

Pasture backfilled-restored to dunal features-seeded

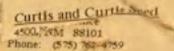


Photograph No.4 Description:

Pasture terraced for erosion prevention



APPENDIX V SEED TAG



www.curtisseed.com

H.& R Enterprises

15 Acre BLM LPC Mix, Broadcast Rate
30 - 0.50 Acre Bags @ 2709 Bulk Pounds Each,

Lot# M-15563

Item Plains Bristlegree Variety Not S	Origin See Texas	Purity 19.22%	Germ 18.00%	Dormans 78.00%	Germination 96.00%	Date O7/18	Posida 7
Sand Bluestern Goldstriker	Nebraska	18.65%	95.00%	4.00%	99.00%	08/18	150.00
Little Bluestem Cimarron	Kansas .	11.53%	36.00%	60.00%	96.00%	12/18	90.00
Big Bluestem Kew	Texas	23.07%	96.00%	0.00%	96.00%	11/18	180.00
Coreopsis Plains	Oregon	7.77%	71,00%	24.00%	95.00%	09/18	60.00
Sand Dropseed Variety Not Sta	Colorado ted	4.06%	15.00%	76.00%	91.00%	02/19	30.00

Other Crop: 0.01% Weed Seed: 0.02% Inert Matter: 15.67% There Are 30 Bags For This Mix This Bag Weighs 27.09 Bulk Pounds Use This Bag For 0.50 Acres Total Bulk Pounds: 8

812.62





APPENDIX VI LABORATORY DATA



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

August 18, 2021

Rebecca Pons
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Red Tank 4 Fed 1 OrderNo.: 2108418

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 25 sample(s) on 8/10/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Released to Imaging: 1/27/2022 7:53:29 AM

Analytical Report

Lab Order **2108418**

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2108418-001

Client Sample ID: S-1 0-1'

Collection Date: 8/6/2021 10:15:00 AM

Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	" - "				Analyst	: MRA
Chloride	4800	300	mg/Kg	100	8/13/2021 7:01:41 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	8/11/2021 10:50:09 AM	61890
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/11/2021 10:50:09 AM	61890
Surr: DNOP	96.5	70-130	%Rec	1	8/11/2021 10:50:09 AM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/11/2021 10:37:00 PM	61883
Surr: BFB	90.3	70-130	%Rec	1	8/11/2021 10:37:00 PM	61883
EPA METHOD 8021B: VOLATILES					Analyst	mb
Benzene	ND	0.025	mg/Kg	1	8/11/2021 10:37:00 PM	61883
Toluene	ND	0.049	mg/Kg	1	8/11/2021 10:37:00 PM	61883
Ethylbenzene	ND	0.049	mg/Kg	1	8/11/2021 10:37:00 PM	61883
Xylenes, Total	ND	0.099	mg/Kg	1	8/11/2021 10:37:00 PM	61883
Surr: 4-Bromofluorobenzene	89.5	70-130	%Rec	1	8/11/2021 10:37:00 PM	61883

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - 8 % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 31

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Red Tank 4 Fed 1

Lab ID: 2108418-002

Client Sample ID: S-1 2'

Collection Date: 8/6/2021 10:20:00 AM

Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	940	60	mg/Kg	20	8/13/2021 10:59:55 AM	61952
EPA METHOD 8015M/D: DIESEL RANGE OF	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	8/11/2021 11:01:29 AM	61890
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	8/11/2021 11:01:29 AM	61890
Surr: DNOP	99.5	70-130	%Rec	1	8/11/2021 11:01:29 AM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/11/2021 11:37:00 PM	61883
Surr: BFB	84.9	70-130	%Rec	1	8/11/2021 11:37:00 PM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.025	mg/Kg	1	8/11/2021 11:37:00 PM	61883
Toluene	ND	0.049	mg/Kg	1	8/11/2021 11:37:00 PM	61883
Ethylbenzene	ND	0.049	mg/Kg	1	8/11/2021 11:37:00 PM	61883
Xylenes, Total	ND	0.099	mg/Kg	1	8/11/2021 11:37:00 PM	61883
Surr: 4-Bromofluorobenzene	84.6	70-130	%Rec	1	8/11/2021 11:37:00 PM	61883

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level,
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- R. Reporting Limit

Page 2 of 31

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2108418-003

Matrix: SOIL

Client Sample ID: S-2 0-1'

Collection Date: 8/6/2021 11:00:00 AM

Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	2600	150	mg/Kg	50	8/13/2021 7:38:44 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	8/11/2021 11:13:07 AM	61890
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	8/11/2021 11:13:07 AM	61890
Surr: DNOP	98.4	70-130	%Rec	1	8/11/2021 11:13:07 AM	61890
EPA METHOD 8015D; GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/12/2021 12:36:00 AM	61883
Surr: BFB	86.6	70-130	%Rec	1	8/12/2021 12:36:00 AM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	N D	0.024	mg/Kg	1	8/12/2021 12:36:00 AM	61883
Toluene	ND	0.048	mg/Kg	1	8/12/2021 12:36:00 AM	61883
Ethylbenzene	ND	0.048	mg/Kg	1	8/12/2021 12:36:00 AM	61883
Xylenes, Total	ND	0.097	mg/Kg	1	8/12/2021 12:36:00 AM	61883
Surr: 4-Bromofluorobenzene	87.4	70-130	%Rec	1	8/12/2021 12:36:00 AM	61883

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- II Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- E Value above quantitation range
- 3 Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 31

_

Released to Imaging: 1/27/2022 7:53:29 AM

Analytical Report

Lab Order **2108418**Date Reported: **8/18/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-2 2'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 8/6/2021 11:05:00 AM

 Lab ID:
 2108418-004
 Matrix: SOIL
 Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	92	60	mg/Kg	20	8/13/2021 11:24:37 AM	61952
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	8.7	mg/Kg	1	8/11/2021 11:24:37 AM	61890
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	8/11/2021 11:24:37 AM	61890
Surr: DNOP	97.6	70-130	%Rec	1	8/11/2021 11:24:37 AM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/12/2021 12:56:00 AM	61883
Surr: BFB	90.4	70-130	%Rec	1	8/12/2021 12:56:00 AM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	8/12/2021 12:56:00 AM	61883
Toluene	ND	0.048	mg/Kg	1	8/12/2021 12:56:00 AM	61883
Ethylbenzene	ND	0.048	mg/Kg	1	8/12/2021 12:56:00 AM	61883
Xylenes, Total	ND	0.097	mg/Kg	1	8/12/2021 12:56:00 AM	61883
Surr: 4-Bromofluorobenzene	90.6	70-130	%Rec	1	8/12/2021 12:56:00 AM	61883

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 31

Lab ID:

2108418-005

Released to Imaging: 1/27/2022 7:53:29 AM

Analytical Report

Lab Order 2108418

Received Date: 8/10/2021 7:30:00 AM

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-3 0-1'

Project: Red Tank 4 Fed 1 Collection Date: 8/6/2021 11:15:00 AM

Matrix: SOIL

RL Qual Units DF Date Analyzed Batch Analyses Result Analyst: MRA **EPA METHOD 300.0: ANIONS** 8/13/2021 7:51:05 PM 61952 4600 150 mg/Kg Chloride Analyst: SB EPA METHOD 8015M/D: DIESEL RANGE ORGANICS 8/11/2021 11:36:20 AM 61890 mg/Kg ND 8.8 1 Diesel Range Organics (DRO) 8/11/2021 11:36:20 AM 61890 Motor Oil Range Organics (MRO) ND 44 mg/Kg 8/11/2021 11:36:20 AM 61890 70-130 %Rec 1 Surr: DNOP 98.8 Analyst: mb **EPA METHOD 8015D: GASOLINE RANGE** 61883 ND 4.9 mg/Kg 8/12/2021 1:16:00 AM Gasoline Range Organics (GRO) 8/12/2021 1:16:00 AM 61883 70-130 %Rec 1 Surr: BFB 88.9 Analyst: mb **EPA METHOD 8021B: VOLATILES** 8/12/2021 1:16:00 AM 61883 ND 0.025 mg/Kg Benzene 61883 ND 8/12/2021 1:16:00 AM 0.049 mg/Kg 1 Toluene 61883 ND 0.049 mg/Kg 8/12/2021 1:16:00 AM Ethylbenzene 61883 8/12/2021 1:16:00 AM Xylenes, Total ND 0.098 mg/Kg 1 Surr: 4-Bromofluorobenzene 86.9 70-130 %Rec 8/12/2021 1:16:00 AM 61883

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 5 of 31

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2108418-006

Client Sample ID: S-3 2'

Collection Date: 8/6/2021 11:20:00 AM

Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	4500	150	mg/Kg	50	8/13/2021 8:03:26 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE OF	GANICS				Analyst:	\$B
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	8/11/2021 11:47:56 AM	61890
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/11/2021 11:47:56 AM	61890
Surr: DNOP	101	70-130	%Rec	1	8/11/2021 11:47:56 AM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/12/2021 2:16:00 AM	61883
Surr: BFB	88.0	70-130	%Rec	1	8/12/2021 2:16:00 AM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.023	mg/Kg	1	8/12/2021 2:16:00 AM	61883
Toluene	ND	0.047	mg/Kg	1	8/12/2021 2:16:00 AM	61883
Ethylbenzene	ND	0.047	mg/Kg	1	8/12/2021 2:16:00 AM	61883
Xylenes, Total	ND	0.094	mg/Kg	1	8/12/2021 2:16:00 AM	61883
Surr: 4-Bromofluorobenzene	86.4	70-130	%Rec	1	8/12/2021 2:16:00 AM	61883

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 31

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-3 31 CLIENT: Talon Artesia

Collection Datc: 8/6/2021 11:25:00 AM Red Tank 4 Fed 1 Project: Received Date: 8/10/2021 7:30:00 AM Matrix: SOIL Lab ID: 2108418-007

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: MRA
Chloride	7000	300	mg/Kg	100	8/13/2021 8:15:47 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	8/11/2021 11:59:30 AM	61890
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/11/2021 11:59:30 AM	61890
Surr: DNOP	101	70-130	%Rec	1	8/11/2021 11:59:30 AM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/12/2021 2:36:00 AM	61883
Surr: BFB	83.2	70-130	%Rec	1	8/12/2021 2:36:00 AM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	8/12/2021 2:36:00 AM	61883
Toluene	ND	0.047	mg/Kg	1	8/12/2021 2:36:00 AM	61883
Ethylbenzene	ND	0.047	mg/Kg	1	8/12/2021 2:36:00 AM	61883
Xylenes, Total	ND	0.094	mg/Kg	1	8/12/2021 2:36:00 AM	61883
Surr: 4-Bromofluorobenzene	84.3	70-130	%Rec	1	8/12/2021 2:36:00 AM	61883

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit RL

Page 7 of 31

Lab ID:

Released to Imaging: 1/27/2022 7:53:29 AM

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-4 0-1' CLIENT: Talon Artesia

Collection Date: 8/6/2021 11:35:00 AM Red Tank 4 Fed 1 Project: Received Date: 8/10/2021 7:30:00 AM Matrix: SOIL 2108418-008

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: MRA
Chloride	2300	150	mg/Kg	50	8/13/2021 8:28:08 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	8/11/2021 12:11:17 PM	61890
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/11/2021 12:11:17 PM	61890
Surr: DNOP	102	70-130	%Rec	1	8/11/2021 12:11:17 PM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/12/2021 2:56:00 AM	61883
Surr: BFB	89.8	70-130	%Rec	1	8/12/2021 2:56:00 AM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	8/12/2021 2:56:00 AM	61883
Toluene	ND	0.048	mg/Kg	1	8/12/2021 2:56:00 AM	61883
Ethylbenzene	ND	0.048	mg/Kg	1	8/12/2021 2:56:00 AM	61883
Xylenes, Total	ND	0.095	mg/Kg	1	8/12/2021 2:56:00 AM	61883
Surr: 4-Bromofluorobenzene	87.0	70-130	%Rec	1	8/12/2021 2:56:00 AM	61883

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- Practical Quanitative Limit PQL
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 8 of 31

Analytical Report

Lab Order 2108418 Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-4 2' CLIENT: Talon Artesia

Collection Date: 8/6/2021 11:40:00 AM Red Tank 4 Fed 1 Project: Received Date: 8/10/2021 7:30:00 AM Matrix: SOIL Lab ID: 2108418-009

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	3900	150	mg/Kg	50	8/13/2021 8:40:28 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	8/11/2021 12:22:54 PM	61890
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/11/2021 12:22:54 PM	61890
Surr: DNOP	101	70-130	%Rec	1	8/11/2021 12:22:54 PM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/12/2021 3:16:00 AM	61883
Surr: BFB	91.5	70-130	%Rec	1	8/12/2021 3:16:00 AM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	8/12/2021 3:16:00 AM	61883
Toluene	ND	0.049	mg/Kg	1	8/12/2021 3:16:00 AM	61883
Ethylbenzene	ND	0.049	mg/Kg	1	8/12/2021 3:16:00 AM	61883
Xylenes, Total	ND	0.098	mg/Kg	1	8/12/2021 3:16:00 AM	61883
Surr: 4-Bromofluorobenzene	89.7	70-130	%Rec	1	8/12/2021 3:16:00 AM	61883

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Η
- Not Detected at the Reporting Limit ND
- Practical Quanitative Limit PQL
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 9 of 31

_

Released to Imaging: 1/27/2022 7:53:29 AM

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2108418-010

Client Sample ID: S-4 3'

Collection Date: 8/6/2021 11:45:00 AM

Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Bat	itch
EPA METHOD 300.0: ANIONS					Ana	lyst: MR	RA
Chloride	4500	300	mg/Kg	100	8/13/2021 8:52:51	PM 619	952
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Ana	lyst: SB	3
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	8/11/2021 12:34:32	PM 618	890
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/11/2021 12:34:32	PM 618	890
Surr: DNOP	102	70-130	%Rec	1	8/11/2021 12:34:32	PM 618	890
EPA METHOD 8015D: GASOLINE RANGE					Ana	lyst: mb	э
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/12/2021 3:36:00 /	AM 618	883
Surr: BFB	92.6	70-130	%Rec	1	8/12/2021 3:36:00 /	AM 618	883
EPA METHOD 8021B: VOLATILES					Ana	lyst: mb	э
Benzene	ND	0.024	mg/Kg	1	8/12/2021 3:36:00	NM 618	883
Toluene	ND	0.049	mg/Kg	1	8/12/2021 3:36:00 /	AM 618	883
Ethylbenzene	ND	0.049	mg/Kg	1	8/12/2021 3:36:00	M 618	883
Xylenes, Total	ND	0.098	mg/Kg	1	8/12/2021 3:36:00	M 618	883
Surr: 4-Bromofluorobenzerie	94.5	70-130	%Rec	1	8/12/2021 3:36:00 A	MM 618	383

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 10 of 31

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-5 0'1'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 8/6/2021 1:10:00 PM

 Lab ID:
 2108418-011
 Matrix: SOIL
 Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	•				Analyst	MRA
Chforide	3300	150	mg/Kg	50	8/13/2021 9:05:11 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	8/11/2021 12:46:14 PM	61890
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	8/11/2021 12:46:14 PM	61890
Surr: DNOP	101	70-130	%Rec	1	8/11/2021 12:46:14 PM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	8/12/2021 3:56:00 AM	61883
Surr: BFB	89.2	70-130	%Rec	1	8/12/2021 3:56:00 AM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.023	mg/Kg	1	8/12/2021 3:56:00 AM	61883
Toluene	ND	0.046	mg/Kg	1	8/12/2021 3:56:00 AM	61883
Ethylbenzene	ND	0.046	mg/Kg	1	8/12/2021 3:56:00 AM	61883
Xylenes, Total	ND	0.093	mg/Kg	1	8/12/2021 3:56:00 AM	61883
Surr: 4-Bromofluorobenzene	87.5	70-130	%Rec	1	8/12/2021 3:56:00 AM	61883

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 11 of 31

Analytical Report

Lab Order **2108418**

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-5 2'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 8/6/2021 1:13:00 PM

 Lab ID:
 2108418-012
 Matrix: SOIL
 Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS		•			Analyst	MRA
Chloride	3300	150	mg/Kg	50	8/13/2021 9:17:33 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	8.2	mg/Kg	1	8/11/2021 12:57:54 PM	61890
Motor Oil Range Organics (MRO)	ND	41	mg/Kg	1	8/11/2021 12:57:54 PM	61890
Surr: DNOP	102	70-130	%Rec	1	8/11/2021 12:57:54 PM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/12/2021 4:16:00 AM	61883
Surr: BFB	85.0	70-130	%Rec	1	8/12/2021 4:16:00 AM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	8/12/2021 4:16:00 AM	61883
Toluene	ND	0.049	mg/Kg	1	8/12/2021 4:16:00 AM	61883
Ethylbenzene	ND	0.049	mg/Kg	1	8/12/2021 4:16:00 AM	61883
Xylenes, Total	ND	0.097	mg/Kg	1	8/12/2021 4:16:00 AM	61883
Surr: 4-Bromofluorobenzene	84.7	70-130	%Rec	1	8/12/2021 4:16:00 AM	61883

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - S % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 12 of 31

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2108418-013

Client Sample ID: S-5 3'

Collection Date: 8/6/2021 1:16:00 PM

Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	2900	150	mg/Kg	50	8/16/2021 11:18:55 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	8.9	mg/Kg	1	8/11/2021 1:09:37 PM	61890
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	8/11/2021 1:09:37 PM	61890
Surr: DNOP	103	70-130	%Rec	1	8/11/2021 1:09:37 PM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/12/2021 4:36:00 AM	61883
Surr: BFB	84.9	70-130	%Rec	1	8/12/2021 4:36:00 AM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	8/12/2021 4:36:00 AM	61883
Toluene	ND	0.049	mg/Kg	1	8/12/2021 4:36:00 AM	61883
Ethylbenzene	ND	0.049	mg/Kg	1	8/12/2021 4:36:00 AM	61883
Xylenes, Total	ND	0.098	mg/Kg	1	8/12/2021 4:36:00 AM	61883
Surr: 4-Bromofluorobenzene	86.1	70-130	%Rec	1	8/12/2021 4:36:00 AM	61883

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 13 of 31

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

Lab ID: 2108418-014

Project:

Client Sample ID: S-6 0-1'

Collection Date: 8/6/2021 1:25:00 PM

Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	2300	59	mg/Kg	20	8/14/2021 12:47:32 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	8/11/2021 1:21:26 PM	61890
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/11/2021 1:21:26 PM	61890
Surr: DNOP	101	70-130	%Rec	1	8/11/2021 1:21:26 PM	61890
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/12/2021 4:56:00 AM	61883
Surr: BFB	90.2	70-130	%Rec	1	8/12/2021 4:56:00 AM	61883
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	8/12/2021 4:56:00 AM	61883
Toluene	ND	0.048	mg/Kg	1	8/12/2021 4:56:00 AM	61883
Ethylbenzene	ND	0.048	mg/Kg	1	8/12/2021 4:56:00 AM	61883
Xylenes, Total	ND	0.097	mg/Kg	1	8/12/2021 4:56:00 AM	61883
Surr: 4-Bromofluorobenzene	88.6	70-130	%Rec	1	8/12/2021 4:56:00 AM	61883

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 14 of 31

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1 Project:

Lab ID: 2108418-015 Client Sample ID: S-6 2'

Collection Date: 8/6/2021 1:28:00 PM

Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	•				Analyst	: MRA
Chloride	270	60	mg/Kg	20	8/14/2021 12:59:54 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst:	SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	8/13/2021 4:48:11 PM	61961
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/13/2021 4:48:11 PM	61961
Surr: DNOP	128	70-130	%Rec	1	8/13/2021 4:48:11 PM	61961
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	8/11/2021 4:39:57 PM	61886
Surr: BFB	111	70-130	%Rec	1	8/11/2021 4:39:57 PM	61886
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.025	mg/Kg	1	8/11/2021 4:39:57 PM	61886
Toluene	ND	0.050	mg/Kg	1	8/11/2021 4:39:57 PM	61886
Ethylbenzene	ND	0.050	mg/Kg	1	8/11/2021 4:39:57 PM	61886
Xylenes, Total	ND	0.099	mg/Kg	1	8/11/2021 4:39:57 PM	61886
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	8/11/2021 4:39:57 PM	61886

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded H

Not Detected at the Reporting Limit ND

PQI, Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 15 of 31

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-6 3'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 8/6/2021 1:31:00 PM

 Lab ID:
 2108418-016
 Matrix: SOIL
 Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Bateh
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	84	60	mg/Kg	20	8/14/2021 1:36:55 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	8/13/2021 5:00:12 PM	61961
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	8/13/2021 5:00:12 PM	61961
Surr: DNOP	127	70-130	%Rec	1	8/13/2021 5:00:12 PM	61961
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	8/11/2021 5:03:41 PM	61886
Surr: BFB	110	70-130	%Rec	1	8/11/2021 5:03:41 PM	61886
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.024	mg/Kg	1	8/11/2021 5:03:41 PM	61886
Toluene	ND	0.048	mg/Kg	1	8/11/2021 5:03:41 PM	61886
Ethylbenzene	ND	0.048	mg/Kg	1	8/11/2021 5:03:41 PM	61886
Xylenes, Total	ND	0.096	mg/Kg	1	8/11/2021 5:03:41 PM	61886
Surr: 4-Bromofluorobenzene	109	70-130	%Rec	1	8/11/2021 5:03:41 PM	61886

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- 11 Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 16 of 31

Analytical Report

Date Reported: 8/18/2021

Lab Order 2108418

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Red Tank 4 Fed 1

Client Sample ID: S-7 0-1'R

Collection Date: 8/6/2021 1:45:00 PM

Received Date: 8/10/2021 7:30:00 AM Matrix: SOIL Lab ID: 2108418-017

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	7100	300		mg/Kg	100	8/16/2021 11:31:16 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/13/2021 5:12:14 PM	61961
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/13/2021 5:12:14 PM	61961
Surr: DNOP	125	70-130		%Rec	1	8/13/2021 5:12:14 PM	61961
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/11/2021 5:27:31 PM	61886
Surr: BFB	109	70-130		%Rec	1	8/11/2021 5:27:31 PM	61886
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Велгеле	ND	0.023		mg/Kg	1	8/11/2021 5:27:31 PM	61886
Toluene	ND	0.047		mg/Kg	1	8/11/2021 5:27:31 PM	61886
Ethylbenzene	ND	0.047		mg/Kg	1	8/11/2021 5:27:31 PM	61886
Xylenes, Total	ND	0.093		mg/Kg	1	8/11/2021 5:27:31 PM	61886
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	8/11/2021 5:27:31 PM	61886

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 17 of 31

Analytical Report Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

2108418-018

Project:

Lab ID:

Client Sample ID: S-8 0-1'

Collection Date: 8/6/2021 1:55:00 PM

Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	4300	150		mg/Kg	50	8/16/2021 11:43:37 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analyst:	SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/13/2021 5:24:21 PM	61961
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/13/2021 5:24:21 PM	61961
Surr: DNOP	127	70-130		%Rec	1	8/13/2021 5:24:21 PM	61961
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/11/2021 5:51:20 PM	61886
Surr: BFB	112	70-130		%Rec	1	8/11/2021 5:51:20 PM	61886
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.024		mg/Kg	1	8/11/2021 5:51:20 PM	61886
Toluene	ND	0.048		mg/Kg	1	8/11/2021 5:51:20 PM	61886
Ethylbenzene	ND	0.048		mg/Kg	1	8/11/2021 5:51:20 PM	61886
Xylenes, Total	ND	0.096		mg/Kg	1	8/11/2021 5:51:20 PM	61886
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	8/11/2021 5:51:20 PM	61886

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 18 of 31

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Lab ID:

Red Tank 4 Fed 1

2108418-019

Client Sample ID: S-8 2'R

Collection Date: 8/6/2021 1:58:00 PM

Received Date: 8/10/2021 7:30:00 AM

						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: MRA
Chloride	980	60	mg/Kg	20	8/14/2021 2:38:38 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	8/13/2021 5:36:29 PM	61961
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	8/13/2021 5:36:29 PM	61961
Surr: DNOP	127	70-130	%Rec	1	8/13/2021 5:36:29 PM	61961
EPA METHOD 8015D: GASOLINE RANGE					A nalyst:	RAA
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/11/2021 6:15:07 PM	61886
Surr. BFB	112	70-130	%Rec	1	8/11/2021 6:15:07 PM	61886
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.023	mg/Kg	1	8/11/2021 6:15:07 PM	61886
Toluene	ND	0.047	mg/Kg	1	8/11/2021 6:15:07 PM	61886
Ethylbenzene	ND	0.047	mg/Kg	1	8/11/2021 6:15:07 PM	61886
Xylenes, Total	ND	0.093	mg/Kg	1	8/11/2021 6:15:07 PM	61886
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	8/11/2021 6:15:07 PM	61886

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded н
- Not Detected at the Reporting Limit ND
- Practical Quanitative Limit PQL
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit RL

Page 19 of 31

Analytical Report
Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: BG-1 0-1'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 8/6/2021 10:00:00 AM

 Lab ID:
 2108418-020
 Matrix: SOIL
 Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	1000	60	mg/Kg	20	8/14/2021 2:50:59 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	8/13/2021 5:48:47 PM	61961
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/13/2021 5:48:47 PM	61961
Surr: DNOP	127	70-130	%Rec	1	8/13/2021 5:48:47 PM	61961
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	8/11/2021 6:38:52 PM	61886
Surr: BFB	112	70-130	%Rec	1	8/11/2021 6:38:52 PM	61886
EPA METHOD 8021B: VOLATILES					Analyst	RAA
Benzene	ND	0.024	mg/Kg	1	8/11/2021 6:38:52 PM	61886
Toluene	ND	0.049	mg/Kg	1	8/11/2021 6:38:52 PM	61886
Ethylbenzene	ND	0.049	mg/Kg	1	8/11/2021 6:38:52 PM	61886
Xylenes, Total	ND	0.098	mg/Kg	1	8/11/2021 6:38:52 PM	61886
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	8/11/2021 6:38:52 PM	61886

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 8 % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Released to Imaging: 1/27/2022 7:53:29 AM

Released to Imaging: 1/27/2022 7:53:29 AM

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: BG-2 0-1'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 8/6/2021 10:05:00 AM

 Lab ID:
 2108418-021
 Matrix: SOIL
 Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	MRA
Chloride	ND	60		mg/Kg	20	8/14/2021 3:03:19 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst:	SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/13/2021 6:01:14 PM	61961
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/13/2021 6:01:14 PM	61961
Surr: DNOP	128	70-130		%Rec	1	8/13/2021 6:01:14 PM	61961
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/11/2021 7:02:39 PM	61886
Surr: BFB	112	70-130		%Rec	1	8/11/2021 7:02:39 PM	61886
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.025		mg/Kg	1	8/11/2021 7:02:39 PM	61886
Toluene	ND	0.049		mg/Kg	1	8/11/2021 7:02:39 PM	61886
Ethylbenzene	ND	0.049		mg/Kg	1	8/11/2021 7:02:39 PM	61886
Xylenes, Total	ND	0.098		mg/Kg	1	8/11/2021 7:02:39 PM	61886
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	8/11/2021 7:02:39 PM	61886

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Analytical Report Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BG-3 0-1'

CLIENT: Talon Artesia Collection Date: 8/6/2021 10:10:00 AM Project: Red Tank 4 Fed 1

Received Date: 8/10/2021 7:30:00 AM Matrix: SOIL Lab ID: 2108418-022

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	N D	60	mg/Kg	20	8/14/2021 3:15:39 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE OI	RGANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	8/13/2021 6:13:40 PM	61961
Motor Oil Range Organics (MRO)	N D	50	mg/Kg	1	8/13/2021 6:13:40 PM	61961
Surr: DNOP	117	70-130	%Rec	1	8/13/2021 6:13:40 PM	61961
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	N D	4.8	mg/Kg	1	8/11/2021 7:26:20 PM	61886
Surr: BFB	110	70-130	%Rec	1	8/11/2021 7:26:20 PM	61886
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.024	mg/Kg	1	8/11/2021 7:26:20 PM	61886
Toluene	ND	0.048	mg/Kg	1	8/11/2021 7:26:20 PM	61886
Ethyłbenzene	ND	0.048	mg/Kg	1	8/11/2021 7:26:20 PM	61886
Xylenes, Total	ND	0.097	mg/Kg	1	8/11/2021 7:26:20 PM	61886
Surr: 4-Bromofluorobenzene	110	70-130	%Rec	1	8/11/2021 7:26:20 PM	61886

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- PQLPractical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Analytical Report
Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: BG-4 0-1'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 8/6/2021 1:35:00 PM

 Lab ID:
 2108418-023
 Matrix: SOIL
 Received Date: 8/10/2021 7:30:00 AM

·							
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	MRA
Chloride	ND	60		mg/Kg	20	8/14/2021 3:27:59 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/13/2021 6:26:10 PM	61961
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/13/2021 6:26:10 PM	61961
Surr: DNOP	132	70-130	S	%Rec	1	8/13/2021 6:26:10 PM	61961
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/11/2021 7:50:00 PM	61886
Surr: BFB	110	70-130		%Rec	1	8/11/2021 7:50:00 PM	61886
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.024		mg/Kg	1	8/11/2021 7:50:00 PM	61886
Toluene	ND	0.048		mg/Kg	1	8/11/2021 7:50:00 PM	61886
Ethylbenzene	ND	0.048		mg/Kg	1	8/11/2021 7:50:00 PM	61886
Xylenes, Total	ND	0.096		mg/Kg	1	8/11/2021 7:50:00 PM	61886
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	8/11/2021 7:50:00 PM	61886

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 23 of 31

_

Released to Imaging: 1/27/2022 7:53:29 AM

Analytical Report
Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: BG-5 0-1'

Project: Red Tank 4 Fed 1 Collection Date: 8/6/2021 2:05:00 PM

Lab ID: 2108418-024 Matrix: SOIL Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	ND	60	mg/Kg	20	8/14/2021 3:40:20 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	8/13/2021 6:38:39 PM	61961
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/13/2021 6:38:39 PM	61961
Surr: DNOP	118	70-130	%Rec	1	8/13/2021 6:38:39 PM	61961
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/11/2021 8:13:38 PM	61886
Surr: BFB	107	70-130	%Rec	1	8/11/2021 8:13:38 PM	61886
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.024	mg/Kg	1	8/11/2021 8:13:38 PM	61886
Toluene	ND	0.047	mg/Kg	1	8/11/2021 8:13:38 PM	61886
Ethylbenzene	ND	0.047	mg/Kg	1	8/11/2021 8:13:38 PM	61886
Xylenes, Total	ND	0.095	mg/Kg	1	8/11/2021 8:13:38 PM	61886
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	8/11/2021 8:13:38 PM	61886

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

QL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 24 of 31

_

Released to Imaging: 1/27/2022 7:53:29 AM

Analytical Report
Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: BG-6 0-1'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 8/6/2021 2:15:00 PM

 Lab ID:
 2108418-025
 Matrix: SOIL
 Received Date: 8/10/2021 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	1300	60	mg/Kg	20	8/14/2021 3:52:41 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	8/13/2021 6:51:05 PM	61961
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	8/13/2021 6:51:05 PM	61961
Surr: DNOP	119	70-130	%Rec	1	8/13/2021 6:51:05 PM	61961
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	8/11/2021 10:58:39 PM	61886
Surr: BFB	106	70-130	%Rec	1	8/11/2021 10:58:39 PM	61886
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.025	mg/Kg	1	8/11/2021 10:58:39 PM	61886
Toluene	ND	0.050	mg/Kg	1	8/11/2021 10:58:39 PM	61886
Ethylbenzene	ND	0.050	mg/Kg	1	8/11/2021 10:58:39 PM	61886
Xylenes, Total	ND	0.099	mg/Kg	1	8/11/2021 10:58:39 PM	61886
Surr: 4-Bromofluorobenzene	109	70-130	%Rec	1	8/11/2021 10:58:39 PM	61886

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 25 of 31

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

2108418

18-Aug-21

Client:

Talon Artesia

Project:

Red Tank 4 Fed 1

Sample ID: MB-61952

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 61952

RunNo: 80531

Prep Date: 8/13/2021

Analysis Date: 8/13/2021

PQL

SeqNo: 2839734

Units: mg/Kg

HighLimit

RPDLimit %RPD

Qual

Analyte Chloride

ND 1.5

Sample ID: LCS-61952

SampType: Ics

TestCode: EPA Method 300.0: Anions

RunNo: 80531

SPK value SPK Ref Val %REC LowLimit

Units: mg/Kg

Prep Date: 8/13/2021

Client ID: PBS

Client ID: LCSS

Batch ID: 61952 Analysis Date: 8/13/2021

SeqNo: 2839735

Chloride

14

Result

SPK value SPK Ref Val %REC

95.7

RunNo: 80533 SeqNo: 2839814

110

RPDLimit

Analyte

PQL 1.5

15.00

LowLimit

%RPD HighLimit

Qual

Sample ID: MB-61964

Prep Date: 8/13/2021

SampType: mblk

Batch ID: 61964

Analysis Date: 8/13/2021

TestCode: EPA Method 300.0: Anions

Units: mg/Kg

Analyte

Result ND

POL

SPK value SPK Ref Val

%REC LowLimit

HighLimit

%RPD **RPDLimit**

Qual

Chloride

1.5

SampType: Ics

PQL

1.5

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Sample ID: LCS-61964

14

RunNo: 80533

SeqNo: 2839815

HighLimit

Prep Date: 8/13/2021

Analyte

Chloride

Batch ID: 61964 Analysis Date: 8/13/2021

Units: mg/Kg

%RPD

RPDLimit Qual

SPK value SPK Ref Val %REC

15.00

95.3

LowLimit

90

110

Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix

Not Detected at the Reporting Limit Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Holding times for preparation or analysis exceeded

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 26 of 31

Y REPO	ORT ysis l	Laborat	ory, Inc.					WO#:	210841 18-Aug-2
SampT	ype: Mi	BLK	Tes	tCode: E	PA Method	8015M/D: Die	esel Rang	e Organics	
Batcl	1 ID: 61	890	F	RunNo: 8	0464				
Analysis D	ate: 8	/11/2021	5	SeqNo: 2	836424	Units: mg/K	(g		
Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
ND	10								
ND 9.9	50	10.00		99.0	70	130			
SampT	ype: LC	s	Tes	Code: El	PA Method	8015M/D: Die	sel Range	e Organics	
Batch	ID: 61	890	F	tunNo: 80	0464				
Analysis D	ate: 8/	11/2021	9	eqNo: 2	836425	Units: mg/K	g		
Desult	DO1	CDI/ value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Result	PQL	SPK value	SPK Rei Vai	70NEU	LOWLITH	ragacian	701 N D	, a Dennit	2001
	Artesia SampT Batch Analysis D Result ND ND 9.9 SampT	SampType: MI Batch ID: 61 Result PQL ND 10 ND 50 9.9 SampType: LC Batch ID: 61	Artesia nk 4 Fed 1 SampType: MBLK Batch ID: 61890 Analysis Date: 8/11/2021 Result PQL SPK value ND 10 ND 50 9.9 10.00 SampType: LCS Batch ID: 61890 Analysis Date: 8/11/2021	Artesia nk 4 Fed 1 SampType: MBLK Batch ID: 61890 Analysis Date: 8/11/2021 Result PQL SPK value SPK Ref Val ND 10 ND 50 9.9 10.00 SampType: LCS Batch ID: 61890 Result Analysis Date: 8/11/2021 SampType: Spk value Analysis Date: 8/11/2021	Artesia nk 4 Fed 1 SampType: MBLK Batch ID: 61890 Analysis Date: 8/11/2021 Result PQL SPK value SPK Ref Val ND 10 ND 50 9.9 10.00 SampType: LCS Batch ID: 61890 Analysis Date: 8/11/2021 SeqNo: 2 SeqNo: 2 SeqNo: 2	Artesia nk 4 Fed 1 SampType: MBLK Batch ID: 61890 Analysis Date: 8/11/2021 Result PQL SPK value SPK Ref Val ND 10 ND 50 9.9 10.00 SampType: LCS Batch ID: 61890 RunNo: 80464 Analysis Date: 8/11/2021 SeqNo: 2836424 TestCode: EPA Method RunNo: 80464 Analysis Date: 8/11/2021 SeqNo: 2836425	Artesia nk 4 Fed 1 SampType: MBLK Batch ID: 61890 Analysis Date: 8/11/2021 Result PQL SPK value SPK Ref Val ND 10 ND 50 9.9 10.00 SampType: LCS Batch ID: 61890 RunNo: 80464 Analysis Date: 8/11/2021 SeqNo: 2836424 Units: mg/K REC LowLimit HighLimit ND 10 ND 50 9.9 10.00 Pg.0 TestCode: EPA Method 8015M/D: Die Batch ID: 61890 RunNo: 80464 Analysis Date: 8/11/2021 SeqNo: 2836425 Units: mg/K	Artesia nk 4 Fed 1 SampType: MBLK Batch ID: 61890 Analysis Date: 8/11/2021 Result PQL SPK value SPK Ref Val ND ND 10 ND S0 9.9 10.00 SampType: LCS Batch ID: 61890 RunNo: 80464 Analysis Date: 8/11/2021 SeqNo: 2836424 Units: mg/Kg REC LowLimit HighLimit %RPD ND 10 ND 50 9.9 10.00 99.0 TestCode: EPA Method 8015M/D: Diesel Range Batch ID: 61890 RunNo: 80464 Analysis Date: 8/11/2021 SeqNo: 2836425 Units: mg/Kg	SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Sample ID: MB-61961	SampT	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch	1D: 61	961	F	RunNo: 8	051 9					
Prep Date: 8/13/2021	Analysis D	ate: 8/	13/2021	5	SeqNo: 2	840224	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	9.9		10.00		98.5	70	130				

Received by Sandy States State

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range E

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 27 of 31

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

2108418

18-Aug-21

Client:

Prep Date: 8/10/2021

Prep Date: 8/10/2021

Talon Artesia

Project:	Red	Tank 4 Fed 1	
Sample ID:	mb-61883	SampType:	MBLK
Client ID:	PBS	Batch ID:	61883

Analyte	Result	PQL

Analysis D	ate: 8/	11/2021	S	ieqNo: 2
Result	PQL	SPK value	SPK Ref Val	%REC

RunNo:	80471
SeqNo:	2836833

3	Units:	mg/Kg

TestCode: EPA Method 8015D: Gasoline Range

LowLimit

70

HighLimit %RPD RPDLimit Qual	Onks: mg/r	g			
	HighLimit	%RPD	RPDLimit	Qual	

RPDLimit

RPDLimit

Qual

Qual

ND 5.0 Gasoline Range Organics (GRO)

Surr: BFB 860

1000

85.7 TestCode: EPA Method 8015D: Gasoline Range

%RPD

Sample ID: Ics-61883 SampType: LCS Client ID: LCSS Batch ID: 61883

Analysis Date: 8/11/2021

RunNo: 80471 SegNo: 2836868

Units: mg/Kg

130

SPK value SPK Ref Val %REC HighLimit Result PQL LowLimit Analyte 94.1 78.6 131 Gasoline Range Organics (GRO) 24 5.0 25.00 990 1000 99.1 70 130 Surr: BFB

Sample ID:	2108418-001ams
Client ID:	C 1 0 1

Prep Date: 8/10/2021

SampType: MS

Analysis Date: 8/11/2021

TestCode: EPA Method 8015D: Gasoline Range

Batch ID: 61883

RunNo: 80471 SegNo: 2836870

Units: mg/Kg

i ·	-							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD
Gasoline Range Organics (GRO)	25	4.6	23.19	0	110	61.3	114	
Surr: BFB	940		927.6		101	70	130	

Sample ID: 2108418-001amsd

Client ID: S-1 0-1'

SampType: MSD Batch ID: 61883

RunNo: 80471

Prep Date: 8/10/2021 Analysis Date: 8/11/2021

Units: mg/Kg SeqNo: 2836872

TestCode: EPA Method 8015D: Gasoline Range

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.39	0	103	61.3	114	1.36	20	
Surr: BFB	950		975.6		97.7	70	130	0	0	

Sample ID: 2108418-015ams

SampType: MS

TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-6 2' Batch ID: 61886 RunNo: 80479

Prep Date: 8/10/2021	Analysis D	Pate: 8/	11/2021	8	SeqNo: 2	837093	Units: mg/H	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	4.9	24.73	0	108	61.3	114			
Surr: BFB	1200		989.1		119	70	130			

Sample ID: 2108418-015amsd

SampType: MSD

TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-6 2'

Batch ID: 61886

RunNo: 80479

Prep Date: 8/10/2021

Analysis Date: 8/11/2021

Units: mg/Kg

SeqNo: 2837094

Analyte

Result SPK value SPK Ref Val %REC LowLimit

HighLimit

RPDLimit %RPD

Qual

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Reporting Limit

Sample pH Not In Range Page 28 of 31

Hall Environmental Analysis Laboratory, Inc.

WO#:

2108418

18-Aug-21

Client:

Talon Artesia

Project:

Red Tank 4 Fed 1

Sample ID: 2108418-015amsd

SampType: MSD

TestCode: EPA Method 8015D: Gasoline Range

61.3

70

Client ID: S-6 2'

Batch ID: 61886

RunNo: 80479

Prep Date: 8/10/2021

Analysis Date: 8/11/2021

SeqNo: 2837094

Units: mg/Kg

114

130

HighLimit

Analyte Gasoline Range Organics (GRO) Surr: BFB

Result **PQL** SPK value SPK Ref Val %REC 24.32 28 4.9

LowLimit 114

120

RPDLimit %RPD Qual 3.50 20 0 0

Sample ID: Ics-61886 Client ID: LCSS

SampType: LCS

1200

TestCode: EPA Method 8015D: Gasoline Range

Batch ID: 61886

RunNo: 80479

Prep Date: 8/10/2021 Analysis Date: 8/11/2021

SeqNo: 2837114

Units: mg/Kg

Analyte Gasoline Range Organics (GRO) Result **PQL** 26 5.0 25.00

SPK value SPK Ref Val %REC LowLimit 0 104

HighLimit 78.6 131 70 130 %RPD **RPDLimit** Qual

Surr: BFB

Sample ID: mb-61886

SampType: MBLK

118

TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS

Batch ID: 61886

PQL

5.0

RunNo: 80479

Units: mg/Kg

Prep Date: 8/10/2021

Analysis Date: 8/11/2021

SeqNo: 2837115

HighLimit %RPD **RPDL**imit Qual

Analyte Gasoline Range Organics (GRO) Sun: BFB

ND 1100

Result

1200

1000

SPK value SPK Ref Val %REC

972.8

1000

108

70

LowLimit

130

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

E Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 29 of 31

1.1/10/2022 7:06:31 AM

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

2108418

18-Aug-21

Client:

Talon Artesia

Project:

Red Tank 4 Fed 1

TestCode: EPA Method 8021B: Volatiles SampType: MBLK Sample ID: mb-61883 RunNo: 80471 Client ID: PBS Batch ID: 61883 Prep Date: 8/10/2021 Analysis Date: 8/11/2021 SeqNo: 2836912 Units: mg/Kg **RPDLimit** Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual Analyte 0.025 ND Benzene ND 0.050 Toluene Ethylbenzene ND 0.050 Xylenes, Total ND 0.10 130 1.000 84.9 70 Surr: 4-Bromofluorobenzene 0.85

TestCode: EPA Method 8021B: Volatiles SampType: LCS Sample ID: Ics-61883 RunNo: 80471 Batch ID: 61883 Client ID: LCSS Analysis Date: 8/11/2021 SeqNo: 2836914 Units: mg/Kg Prep Date: 8/10/2021 **RPDLimit** Qual %RPD %REC HighLimit Result **PQL** SPK value SPK Ref Val LowLimit Analyte 80 0.90 0.025 1.000 0 90.2 120 Benzene Toluene 0.91 0.050 1.000 0 91.3 80 120 0.050 1.000 0 92.7 80 120 0.93 Ethylbenzene 0.10 3.000 0 93.0 80 120 Xylenes, Total 2.8 70 130 85.7 1.000 Sur: 4-Bromofluorobenzene 0.86

Sample ID: 2108418-002ams	Samp	Туре: М\$	3	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: S-1 2'	Bato	:h ID: 61	883	F	RunNo: 8	0471				
Prep Date: 8/10/2021	Analysis	Date: 8/	11/2021	5	SeqNo: 2	8 36 916	Units: mg/h	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9579	0	104	80	120			
Toluene	1.0	0.048	0.9579	0	104	80	120			
Ethylbenzene	1.0	0.048	0.9579	0	108	80	120			
Xylenes, Total	3.1	0.096	2.874	0	109	80	120			
Surr: 4-Bromofluorobenzene	0.86		0.9579		90.2	70	130			

Sample ID: 2108418-002ams	s d Samp⁻	Гуре: М.	SD	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: S-1 2'	Batc	h ID: 61	883	F	Run N o: 8	0471				
Prep Date: 8/10/2021	Analysis [Date: 8/	12/2021	5	SeqNo: 2	836918	Units: mg/K	Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.023	0.9390	0	102	80	120	4.01	20	
√oluene	0.97	0.047	0.9390	0	103	80	120	3.41	20	
₹thylbenzene	0.99	0.047	0.9390	0	105	80	120	4.95	20	
₹ylenes, Total	3.0	0.094	2.817	0	105	80	120	5.48	20	
Surr: 4-Bromofluorobenzene	0.82		0.9390		87.3	70	130	0	0	

ualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range

Reporting Limit

Page 30 of 31

2108418

QC SUMMARY Hall Environment	/ REPG	ORT ysis I	Laborat	ory, Inc.					WO#:	2108418 18-Aug-21
Client: Talon A Project: Red Tan	rtesia lk 4 Fed 1						- A-1-			
Sample ID: 2108418-016ams	Samp	Type: MS	3	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: S-6 3'	Batc	h ID: 61	886	F	RunNo: 80	0479				
Prep Date: 8/10/2021	Analysis [Date: 8 /	11/2021	5	SeqNo: 2	37200	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.024	0.9756	0	98.6	80	120			
Toluene	0.97	0.049	0.9756	0	99.8	80	120			
Ethylbenzene	0.98	0.049	0.9756	0	101	80	120			
Xylenes, Total	2.9	0.098	2.927	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.1		0.9756		113	70	130			

Sample ID: 2108418-016am	sd Samp	Гуре: М \$	SD	Tes	tCode: El	PA Method	8021B: Volat	tiles			
Client ID: S-6 3'	Batc	h ID: 61	886	F	Run N o: 8	0479					
Prep Date: 8/10/2021	Analysis [Date: 8/	11/2021	8	SeqNo: 2	837202	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai	
Benzene	0.94	0.025	0.9881	0	95.4	80	120	2.01	20		
Toluene	0.95	0.049	0.9881	0	96.2	80	120	2.42	20		
Ethylbenzene	0.96	0.049	0.9881	0	96.9	80	120	2.35	20		
Xylenes, Total	2 .9	0.099	2.964	0	96.7	80	120	2.86	20		
Surr: 4-Bromofluorobenzene	1.1		0.9881		111	70	130	0	0		

Sample ID: LCS-61886	Sampi	Гуре: LC	s	Tes	tCode: E	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batc	h ID: 618	B86	F	RunNo: 8	0479				
Prep Date: 8/10/2021	Analysis E)ate: 8/	11/2021	8	SeqNo: 2	837235	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%RE C	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.8	80	120			
Toluene	0.94	0.050	1.000	0	93.6	80	120			
Ethylbenzene	0.93	0.050	1.000	0	92.8	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.4	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	70	130			

Sample ID: mb-61886	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batcl	h ID: 61 8	886	F	RunNo: 8	0479				
Prep Date: 8/10/2021	Analysis E	Date: 8 /	11/2021	9	SeqNo: 2	837237	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025				"				
∑ oluene	ND	0.050								
thylbenzene	ND	0.050								
₹ylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.00 0		109	70	130			

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit
 - Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 31 of 31



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107

Sample Log-In Check List

Released to Imaging: 1/27/2022 7:53:29 AM

	umber: 2108418		RcptNo: 1	
Received By: Cheyenne Cason 8/10/2021 7:30:	00 AM	Chul		
Completed By: Sean Livingston 8/10/2021 8:29:	01 AM	Chul Sl.		
Reviewed By: SPA 8.10, 21		JW.	John	
Chain of Custody				
1. Is Chain of Custody complete?	Yes 🗹	No 🗌	Not Present	
. How was the sample delivered?	Courler			
Log In 3. Was an attempt made to cool the samples?	Yes 🗹	No 🗌	NA 🗔	
· was an attempt made to coor the samples?	res 💌	140 [7]	NA 🗀	
. Were all samples received at a temperature of >0° C to 6.0°C	Yes 🔽	No 🗔	NA \square	
. Sample(s) in proper container(s)?	Yes 🗹	No 🗌		
Sufficient sample volume for indicated test(s)?	Yes 🗹	No 🗆		•
Are samples (except VOA and ONG) properly preserved?	Yes 🗹	No 🗌		
. Was preservative added to bottles?	Yes 🗌	No 🗹	NA 🗆	
. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
), Were any sample containers received broken?	Yes	No 🗹	# of preserved	
. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🔽		bottles checked for pH: (<2.or >12.u	inless noted)
Are matrices correctly identified on Chain of Custody?	Yes 🗹	No 🗆	Adjusted?	
Is it clear what analyses were requested?	Yes 🗹	No □	., 0	1 40 4
. Were all holding times able to be met? (If no, notify customer for authorization.)	Yeş 🔽	No □ 1	Checked by: MYE	1 8/10
ecial Handling (if applicable)				
. Was client notified of all discrepancies with this order?	Yes 🗌	No 🗆	NA 🗹	
Person Notified: Dat	te:	· interpretation of the second se		
By Whom: Via	: 🔲 eMail 📗 P	hone 🗌 Fax 🏻 [] In Person	
Regarding:			THE PROPERTY OF THE PROPERTY O	
Client Instructions:		'***		
. Additional remarks:				
. Cooler Information				
Cooler No Temp °C Condition Seal Intact Seal No	Seal Date	Signed By		
1 2.8 Good	<u> </u>			

Dogram	JOU WY	10,017					Dane	Dago 70 of 21
Denay	nam-	10-TO	Criain-or-Custody Record	Turn-Around Time:	Time:	4-Day		ic fo o
Client:	Talon LPE	밁		 □ Standard	□ Rush		HALL ENVIRONMENTAL) []
				Project Name:			ANALTSIS LABORATORY	>
Mailing	Mailing Address:		408 W. Texas Ave		Red	Red Tank 4 Fed 1	www.nailenvironmental.com	
Artesia,	Artesia, NM 88210	210		Project #:	701162.112.01	1	Tel 505-345-3975	
Phone #	#	575.746.8768	.8768				Ina	
email or Fax#:	r Fax#:			Project Manager:		R. Pons		
QAVQC	QA/QC Package:							
□ Standard	idard		☐ Level 4 (Full Validation)				0;	
Accreditation: ☐ NELAC	itation: AC	□ Az Co □ Other	mpliance	Sampler:	J. Carnes		正 一 (
□ EDD (Type)	(Type)_			# of Coolers				
Date	Time	Matrix	Sample Name	Container Tvpe and #	Č.		— Ш х — а ;	
· -	10:15	Soil	S-1 0-1'	1	Ice/Cool	001	Ε×	
	10:20	<u></u>	S-1 2'		-	200		
	11:00		S-2 0-1 ⁻			500		
	11:05		S-2 2'			200		
	11:15		S-3 0-1'			005		
	11:20		S-3 2'			900		
	11:25		S-3 3'			001		
	11:35		S-4 0-1'			800		
	11:40		S-4 2'			600		
	11:45		S-4 3'			OIO		
	1:10		S-5 0'1'			1/0		
	1:13		S-5 2'			210		
Date:	Time:	Relinguished by:	hed by:	Received by:	Via:	Date Time	Remarks: Page 1 of 3	
18/6/2	0,401	1	mostlas	I WILLY	. ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			
Date:	_	Relinquished by:	hed by:	Received by:	Via:	Date Time		
12/2/2	1980×	Tali	mers	Cerl	enn	8/10/4 0730		
	If necessary	dus salumes, viessabel i	hmitted to Hall Environmental may be subo	created to other o	hometonic	١,		

laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Jecen	Ham	יסויים	Chain-of-Custody Record	Turn-Around Time:	Time:	4-Day		; ;		Fage	rage /1 of 510
lient:	Talon LPE	PE	,	□ Sţandard	□ Rush			HALL	HALL ENVIRONMENTAL	MENTA	}
				Project Name:		With a second				Š	_
Mailing	failing Address:		408 W. Texas Ave		Red	Red Tank 4 Fed 1	4904	0. www. 51. www.16	www.ilalietivirotimental.com	0	
vrtesia,	ΣZ	88210	The state of the s	Project #:	701162.112.01		Tel Tel	Tel 505-345-3975	ζ	108	
"Һопе #;	#.	575.746.8768	8768					100000	Analysis Request	1	
mail c	mail or Fax#:			Project Manager:		R. Pons					
M/QC	A/QC Package:		-	1							
Star	Standard		☐ Level 4 (Full Validation)				0				
ccreditati	ccreditation:	☐ Az Co☐ Other	Az Compliance Other	Sampler:	J. Carnes		т				
] EDL	EDD (Type)			#of Coolers							
				Gooler Infemprontance Services							
4	ļ	7 10 10 10		Container	Preservative	W PEALING	о ш ⊢ п				
Jate		Matrix	Sample Name	⊭	iype		エ				
/6/2021	丄	o n	5 C-0	Glass Jar	Ice/Cool	013	×××				
*	1:25		S-6 0-1'	•	•	014	,				
	1:28		S-6 2'			015					-
	1:31		S-6 3'			016					
_,	1:45		S-7 0-1'R			0(7					
	1:55		S-8 0-1,			9 8					
	1:58		S-8 2'R			019					
	10:00		BG-1 0-1'			020					
	10:05		BG-2 0-1'			027					
	10:10		BG-3 0-1'			220					,
	1:35		BG-4 0-1'			023					
	2:05		BG-5 0-1'			024					
)ate:	Time:	Relinquished by:	led by:	Received by:	Via:	Date Time	Remarks: F	Page 2 of 3			
10/6/	cho!	1	20 Mas		MM	8/9/21 1040					
)ate:	Time:	Réligiquished by:	led by:	Received by:		Date Time					
10/21	1900	1	There	6	Course 8/10/4	1/0/4 073U					
	If necessary	ris selumes ,	helited to Hall Environmental Hall Day	s retto to other a	condited laboratories	3			The state of the s		

accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Received 1 94	Porte	ReceiethaffPoffEttstidty Record	Turn-Around Time:	: 4-Day			Page 72 of 310	-
Client: Talon LPE	LPE		- □ Standard	□ Rush		HALL ENVIRONMENTAL	NMENTAL	
		· ·	Project Name:	The state of the s		AWALYSIS LABORATORY	BORATORY	
Mailing Address:	38:	408 W. Texas Ave		Red Tank 4 Fed 1	AQU1 Hawkii	www.hallenvironmental.com	Ш00	
Artesia, NM 8	88210		Project #: 701	701162.112.01	Tel 505 24	ζ,	VM 8/109	
Phone #.	575.746.8768	.8768			191. 000-040-08/D	2-5875 Fax 505-345-4107 Analysis Reguest	5-4107	
email or Fax#:			Project Manager:	R. Pons				
QA/QC Package:	'ní)		74			
□ Standard		☐ Level 4 (Full Validation)			O			
Accreditation:	☐ Az Cor ☐ Other	npliance	Sampler: J. C.	Carnes	エコ			
□ EDD (Type)	'ــا		#0T 050 ers		00			
		***************************************				•		
Date Time	Matrix	Sample Name	Container Pres Type and # Type	iive				
8/6/2021 2:15	Soil	BG-6 0-1'	Glass Jar Ice/Cool		- ×			
		T PAPARATE TO THE TAX						
		TWO THE		A CONTRACTOR OF THE CONTRACTOR				
		Trivial Assessment of the Control of						
				NAME OF THE PARTY				
Date: Time:	Refinantshed by:	ed bv.	Porceived by:					
. ~		of the	~ ~	2/9/2/ 1ALX	Remarks: Page 3 of 3	of 3		
Date: Time: $8/q/\eta$ [400	Relinquished by:	shed by:	3	Date] /			
if necessar	y, samples sub	I CRWY 610/24 (5/30) If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly norman on the	ontracted to other accredite	" $\Omega_{\rm row} = \delta I I 0 I^2 4 - (5/3.0)$ diffed laboratories. This serves as notice of this	(This possibility. Any sub-contr	acted data will be clearly notated or	o the analytical report	





Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

OrderNo.: 2108924

Released to Imaging: 1/27/2022 7:53:29 AM

August 24, 2021

Rebecca Pons Talon Artesia 408 West Texas Ave Artesia, NM 88210 TEL: **FAX**

RE: Red Tank 4 Fed 1 Red Tank

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 6 sample(s) on 8/18/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the OC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order **2108924**Date Reported: **8/24/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1 Red Tank

Lab ID: 2108924-001

Project:

1 Dad Tank Callection

Matrix: SOIL

Collection Date: 8/17/2021 10:51:00 AM Received Date: 8/18/2021 8:35:00 AM

Client Sample ID: S-3 4'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	390	60		mg/Kg	20	8/20/2021 6:44:59 PM	62096
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	8/19/2021 1:01:50 PM	62059
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	8/19/2021 1:01:50 PM	62059
Surr: DNOP	132	70-130	s	%Rec	1	8/19/2021 1:01:50 PM	62059
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/19/2021 12:27:00 PM	62057
Surr: BFB	92.6	70-130		%Rec	1	8/19/2021 12:27:00 PM	62057
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	ND	0.024		mg/Kg	1	8/19/2021 12:27:00 PM	62057
Toluene	ND	0.048		mg/Kg	1	8/19/2021 12:27:00 PM	62057
Ethylbenzene	ND	0.048		mg/Kg	1	8/19/2021 12:27:00 PM	62057
Xylenes, Total	ND	0.096		mg/Kg	1	8/19/2021 12:27:00 PM	62057
Surr: 4-Bromofluorobenzene	84.4	70-130		%Rec	1	8/19/2021 12:27:00 PM	62057

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 1 of 10

Lab Order 2108924

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1 Red Tank

2108924-002 Lab ID:

Project:

Matrix: SOIL

Client Sample ID: S-4 4'

Collection Date: 8/17/2021 10:42:00 AM

Received Date: 8/18/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	ND	60		mg/Kg	20	8/20/2021 6:57:24 PM	62096
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/19/2021 1:11:36 PM	62059
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/19/2021 1:11:36 PM	62059
Surr: DNOP	133	70-130	S	%Rec	1	8/19/2021 1:11:36 PM	62059
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/19/2021 12:47:00 PM	62057
Surr: BFB	92.1	70-130		%Rec	1	8/19/2021 12:47:00 PM	62057
EPA METHOD 8021B: VOLATILES						Analyst:	CCM
Benzene	ND	0.024		mg/Kg	1	8/19/2021 12:47:00 PM	62057
Toluene	ND	0.049		mg/Kg	1	8/19/2021 12:47:00 PM	62057
Ethylbenzene	ND	0.049		mg/Kg	1	8/19/2021 12:47:00 PM	62057
Xylenes, Total	ND	0.097		mg/Kg	1	8/19/2021 12:47:00 PM	62057
Surr: 4-Bromofluorobenzene	84.6	70-130		%Rec	1	8/19/2021 12:47:00 PM	62057

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

D Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 2 of 10

Analytical Report Lab Order 2108924

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1 Red Tank

Lab ID: 2108924-003

Project:

Matrix: SOIL

Client Sample ID: S-5 4'

Collection Date: 8/17/2021 10:18:00 AM

Received Date: 8/18/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	330	61		mg/Kg	20	8/20/2021 7:09:48 PM	62096
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/19/2021 1:21:21 PM	62059
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/19/2021 1:21:21 PM	62059
Surr: DNOP	162	70-130	S	%Rec	1	8/19/2021 1:21:21 PM	62059
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/19/2021 1:07:00 PM	62057
Surr: BFB	92.1	70-130		%Rec	1	8/19/2021 1:07:00 PM	62057
EPA METHOD 8021B: VOLATILES						Analyst	: CCM
Benzene	ND	0.023		mg/Kg	1	8/19/2021 1:07:00 PM	62057
Toluene	ND	0.047		mg/Kg	1	8/19/2021 1:07:00 PM	62057
Ethylbenzene	ND	0.047		mg/Kg	1	8/19/2021 1:07:00 PM	62057
Xylenes, Total	ND	0.094		mg/Kg	1	8/19/2021 1:07:00 PM	62057
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	8/19/2021 1:07:00 PM	62057

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Practical Quanitative Limit PQL
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 3 of 10

Analytical Report

Lab Order 2108924

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Lab ID: 2108924-004

Project:

Red Tank 4 Fed 1 Red Tank

Matrix: SOIL

Client Sample ID: S-5 5'

Collection Date: 8/17/2021 10:21:00 AM

Received Date: 8/18/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	ND	60		mg/Kg	20	8/20/2021 7:22:12 PM	62096
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					A nalyst	: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	8/19/2021 1:31:10 PM	62059
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	8/19/2021 1:31:10 PM	62059
Surr: DNOP	136	70-130	S	%Rec	1	8/19/2021 1:31:10 PM	62059
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/19/2021 1:27:00 PM	62057
Surr: BFB	93,3	70-130		%Rec	1	8/19/2021 1:27:00 PM	62057
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	ND	0.024		mg/Kg	1	8/19/2021 1:27:00 PM	62057
Toluene	ND	0.048		mg/Kg	1	8/19/2021 1:27:00 PM	62057
Ethylbenzene	ND	0.048		mg/Kg	1	8/19/2021 1:27:00 PM	62057
Xylenes, Total	ND	0.096		mg/Kg	1	8/19/2021 1:27:00 PM	62057
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	1	8/19/2021 1:27:00 PM	62057

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 4 of 10

Analytical Report

Lab Order 2108924 Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Lab ID: 2108924-005

Red Tank 4 Fed 1 Red Tank

Matrix: SOIL

Client Sample ID: BG-6 2'

Collection Date: 8/17/2021 11:00:00 AM

Received Date: 8/18/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Bateh
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	ND	60		mg/Kg	20	8/20/2021 7:34:36 PM	62096
EPA METHOD 8015M/D: DIESEL RANGE ORG	BANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/19/2021 1:40:58 PM	62059
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/19/2021 1:40:58 PM	62059
Surr: DNOP	151	70-130	S	%Rec	1	8/19/2021 1:40:58 PM	62059
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/19/2021 2:27:00 PM	62057
Surr: BFB	88.1	70-130		%Rec	1	8/19/2021 2:27:00 PM	62057
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	ND	0.024		mg/Kg	1	8/19/2021 2:27:00 PM	62057
Toluene	ND	0.048		mg/Kg	1	8/19/2021 2:27:00 PM	62057
Ethylbenzene	ND	0.048		mg/Kg	1	8/19/2021 2:27:00 PM	62057
Xylenes, Total	ND	0.095		mg/Kg	1	8/19/2021 2:27:00 PM	62057
Surr: 4-Bromofluorobenzene	81.8	70-130		%Rec	1	8/19/2021 2:27:00 PM	62057

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit PQL,

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RLReporting Limit Page 5 of 10

Analytical Report Lab Order 2108924

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1 Red Tank

Lab ID: 2108924-006

Project:

Red Tank

Matrix: SOIL

Client Sample ID: $BG-7\ 0-1'$

Collection Date: 8/17/2021 11:05:00 AM

Received Date: 8/18/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	71	60		mg/Kg	20	8/20/2021 8:11:51 PM	62096
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	8/19/2021 1:50:45 PM	62059
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	8/19/2021 1:50:45 PM	62059
Surr: DNOP	140	70-130	S	%Rec	1	8/19/2021 1:50:45 PM	62059
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/19/2021 2:47:00 PM	62057
Surr: BFB	92.0	70-130		%Rec	1	8/19/2021 2:47:00 PM	62057
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	ND	0.024		mg/Kg	1	8/19/2021 2:47:00 PM	62057
Toluene	ND	0.047		mg/Kg	1	8/19/2021 2:47:00 PM	62057
Ethylbenzene	ND	0.047		mg/Kg	1	8/19/2021 2:47:00 PM	62057
Xylenes, Total	ND	0.095		mg/Kg	1	8/19/2021 2:47:00 PM	62057
Surr: 4-Bromofluorobenzene	83.9	70-130		%Rec	1	8/19/2021 2:47:00 PM	62057

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level,

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 10

Hall Environmental Analysis Laboratory, Inc.

WO#:

2108924

24-Aug-21

Client:

Talon Artesia

Project:

Red Tank 4 Fed 1 Red Tank

Sample ID: MB-62096

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 62096

PQL

RunNo: 80680

HighLimit

Prep Date:

8/20/2021

Analysis Date: 8/20/2021

SeqNo: 2846896

Units: mg/Kg

%RPD

RPDLimit Qual

Analyte Chloride

ND

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 62096

Result

RunNo: 80680

SampType: Ics

Prep Date: 8/20/2021

Sample ID: LCS-62096

SeqNo: 2846897

Units: mg/Kg

Analysis Date: 8/20/2021

Analyte

RPDLimit %RPD Qual

PQL SPK value SPK Ref Val %REC 1.5

91.6

LowLimit

90

HighLimit

110

Chloride

Result 14

15.**0**0

SPK value SPK Ref Val %REC LowLimit

Value exceeds Maximum Contaminant Level

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 7 of 10

: 1/20/2022 7:06:31 AM value * Value *

QC SUM Hall Envir	MAR onmen	Y REP(tal Anal	ORT ysis I	aborat	ory, Inc.					WO#:	2108924 24-Aug-21
Client: Project:	Talon A	Artesia ınk 4 Fed 1 R	ted Tan	k						. N ——	
Sample ID: LCS Client ID: LCS Prep Date: 8/1		•	ype: LC 1 ID: 62		F	tCode: El RunNo: 8 SeqNo: 2	0660	8015M/D: Di	_	e Organics	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organio Surr: DNOP	cs (DRO)	52 5.5	10	50.00 5.000	0	105 109	68.9 70	141 130	-		

Sample ID: MB-62059	SampT	ype: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch	1 ID: 62	059	F	RunNo: 8	0660				
Prep Date: 8/18/2021	Analysis D	ate: 8/	19/2021	9	eqNo: 2	845383	Units: mg/k	(g		
Analyte	Result	PQL	SP K value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	14		10.00		139	70	130			S

Received by Not D. Sample S. Value S. Vacanta S. Value S. Vacanta S. Value S. Vacanta S. Value S. V

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis L

Hall Environmental Analysis Laboratory, Inc.

WO#:

2108924

24-Aug-21

Client:

Talon Artesia

Project:

Red Tank 4 Fed 1 Red Tank

Sample ID: Ics-62057	Samp	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batc	h iD: 62	057	F	RunNo: 80674							
Prep Date: 8/18/2021	Analysis [Date: 8/	19/2021	9	SeqNo: 2	846131	Units: mg/l	ng/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	28	5.0	25.00	0	112	78.6	131					
Surr: BFB	1100		1000		111	70	130					
Sample ID: mb-62057	SampType: MBLK			Tes	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batcl	h ID: 62	057	F	RunNo: 8	0674						
Prep Date: 8/18/2021	Analysis E	Date: 8/	19/2021	S	SeqNo: 2	846132	Units: mg/h	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Range Organics (GRO)	ND	5 .0										
Surr: BFB	900		1000		90.5	70	130					
Sample ID: Ics-62065	SampType: LCS			Tes	TestCode: EPA Method 8015D: Gasoline Range							

Sample ID: Ics-62065	SampTy	ype: LC	s	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e		
Client ID: LCSS	Batch	ID: 62	065	F	RunNo: 80	0674					
Prep Date: 8/18/2021	Analysis Da	ate: 8/	19/2021	5	SeqNo: 2	846155	Units: %Red	3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Sum: BFB	1100		1000		107	70	130				

Sample ID: mb-62065	SampT	ype: Mi	BLK	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	е		
Client ID: PBS	Batch	ID: 62	065	F	Run N o: 8	0674					
Prep Date: 8/18/2021	Analysis Da	ate: 8/	19/2021	5	SeqNo: 2	846156	Units: %Re	3			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: BFB	940		1000		94.1	70	130				

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Analysis Date: 8/19/2021

Result

0.85

WO#:

2108924

24-Aug-21

Client:

Talon Artesia

Project:

Red Tank 4 Fed 1 Red Tank

Sample ID: Ics-62057	Samp	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batc	h ID: 62	057	F	RunNo: 8	0674					
Prep Date: 8/18/2021	Analysis [Date: 8/	19/2021	S	SeqNo: 2	846171	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.92	0.025	1.000	0	92.3	80	120				
Toluene	0.94	0.050	1.000	0	94.2	80	120				
Ethylbenzene	0.96	0.050	1.000	0	95.9	80	120				
Xylenes, Total	2.9	0.10	3.000	0	96.5	80	120				
Surr: 4-Bromofluorobenzene	0.87		1.000		87.0	70	130				
Sample ID: mb-62057	SampType: MBLK			Test							
Client ID: PBS	Batch ID: 62057			R	tun N o: 8 (0674					
Prep Date: 8/18/2021	Analysis D	oate: 8/	19/2021	S	eqNo: 2	846172	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.025									
Tołuene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromoffuorobenzene	0.84		1.000		83.5	70	130				
	0.04		1.000								
Sample ID: Ics-62065		ype: LC		Test			8021B; Volat	iles			

Sample ID: mb-62065	SampT	ype: Mi	3LK	Tes	tCode: E	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batcl	n ID: 62	065	F	RunNo: 8	0674				
Prep Date: 8/18/2021	Analysis D	ate: 8	19/2021	5	SeqNo: 2	846196	Units: %Red	C		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.84		1.000		83.6	70	130			

SPK value SPK Ref Val %REC

1.000

SeqNo: 2846195

84.8

LowLimit

70

Units: %Rec

130

HighLimit

%RPD

RPDLimit

Qual

.: 1/20/2022 7:06:31 AM result in the second second

* Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Prep Date: 8/18/2021

Surr: 4-Bromofluorobenzene

Analyte

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 10 of 10



Hall Environmental Analysis Laboratory 4901 Hawkins NE

Albuquerque, NM 87109 TEL: 505-345-3975 F.IX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Released to Imaging: 1/27/2022 7:53:29 AM

Client Name:	Talon Artesia	Work Order No	umber: 2108924		RcptNo: 1	
Received By:	Cheyenne Cason	8/18/2021 8:35:0	00 AM	Chul		
Completed By:	Isaiah Ortiz	8/18/2021 8:51:2	22 AM	1. 13.	4	
Reviewed By:	JR 8/18/21					
Chain of Cus	<u>tody</u>					
1. Is Chain of Cu	stody complete?		Yes 🗸	No 🗀	Not Present	
2. How was the s	sample delivered?		Courier			
<u>Log In</u>						
	pt made to cool the samp	oles?	Yes 🗹	No 🗌	NA 🗀	
4. Were all samp	les received at a tempera	oture of >0° C to 6.0°C	Yes 🗹	No 🗆	NA 🗀	
5. Sample(s) in p	roper container(s)?		Yes 🗹	No 🗔		
6. Sufficient samp	ole volume for indicated to	est(s)?	Yes 🗸	No 🗀		
7. Are samples (e	xcept VOA and ONG) pr	operly preserved?	Yes 🗸	No 🗌		
8. Was preservati	ve added to bottles?		Yes	No 🔽	na 🗆	
9. Received at lea	ıst 1 vial with headspace	<1/4" for AQ VOA?	Yes	No 🗌	NA 🗹	
10, Were any sam	ple containers received b	roken?	Yes		of preserved	
11.Does paperwor	k match bottle labels?		Yes 🔽		ottles checked or pH:	on more than the second
	ncies on chain of custody		-		(<2.of >12 un	less noted)
	rrectly identified on Chai	-	Yes 🔽	No 📙	or pH: (<2 or >12 un Adjusted?	4
	analyses were requested	?	Yes 🔽	No 🗔	Checked by: 1/1/4	8/18/
	g times able to be met? stomer for authorization.)		Yes 🔽	No □ ∠	Checked by: /// LT	
Special Handlir	ng (if applicable)					
15. Was client noti	fied of all discrepancies v	vith this order?	Yes 🗌	No 🗌	NA 🔽	
Person N	lotified:	Dat	e. j	total access of a constant		
By Whon	1:	Via	eMail 🗍 Pt	none 🗌 Fax 📋	In Person	
Regardin	g:	anama (1979) (1980) or a pagas anagas and a same a			A Section of the section of	
Client Ins	tructions:	eran eran eran eran eran eran eran eran			er en	
16. Additional rem	arks:					
17. <u>Cooler Inform</u> Cooler No	nation Temp °C Condition 5.4 Good	Seal Intact Seal No Not Present	Seal Date	Signed By		

3	うしつこ	Chain-or-Custody Record	Turn-Around Time: 4 Na 1.		rage 65 of 510
lient: Talor	Talon LPE		☐ Standard ☐ Rush	HALL ENVIRONMENTAL	
				THE THE TABORATORY	KATORK Y
failing Address:	388:	408 W. Texas Ave	- Red Tank 4 Fed 1 (Red Tank)	www.nallo	0
rtesia, NM	88210		Project #: 701162.112.01	Tel 505-345-3075	10g
йоле #:	575.746.8768	3.8768		Analysis Reguest	
mail or Fax#;	نند	777777	Project Manager: R. Pons		
NAQC Package:	je:				
) Standard		☐ Level 4 (Full Validation)		O	
ccreditation:		mpliance	Sampler: J. Carnes On loe: Xo Yes	工 (
J EDD (Type)	(é			- Ω C	
			Cooler Templinding cFごくら・ひょこ S Կ		
)ate Time	e Matrix	Sample Name	Container Preservative HEAL No. Type and # Type	— ш х — ш х	
10:51	1 Soil	S-3 4'		×	
10:42	.2	S-4 4.		2	
10:18	8	S-5 4') K	
10:21		S-5 5'	1000		
11:00	0	BG-6 2'	>U.		
11:05	15	BG-7 0-1'	700		
			-		

zitei.	Relinquished by:	מין אינו			
7		So of the second	$\left \frac{1}{\lambda_{\lambda_{\lambda_{\lambda_{\lambda_{\lambda_{\lambda_{\lambda_{\lambda_{\lambda_{\lambda_{\lambda_{\lambda_{$	Remarks:	
ate: Time:	Relinquished by	hed by⊱	Via: V Date		
3 Z Z Z			Ch com 8/18/21 0635		
if necess	ary, samples su	ıbmitted to Hall Environ់ញental may be sub	contracted to other accredited laboratories. This serves as notice	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the ana	المرادات





Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Released to Imaging: 1/27/2022 7:53:29 AM

October 15, 2021

Rebecca Pons Talon Artesia 408 West Texas Ave Artesia, NM 88210 TEL: FAX

OrderNo.: 2110477 RE: Red Tank 4 Fed 1

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 54 sample(s) on 10/8/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the OC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2110477

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/15/2021

CLIENT: Talon Artesia

Red Tank 4 Fed 1 Project:

Lab ID: 2110477-001 Matrix: SOIL

Client Sample ID: S-1 Collection Date: 10/5/2021 10:00:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	- "				Anal y st	: MRA
Chloride	94	61	mg/Kg	20	10/10/2021 4:40:42 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 11:57:56 AM	A 63182
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 11:57:56 AM	/I 63182
Surr: DNOP	102	70-130	%Rec	1	10/11/2021 11:57:56 AM	√ 63182
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 3:23:00 AM	63168
Surr: BFB	88.2	70-130	%Rec	1	10/12/2021 3:23:00 AM	63168
EPA METHOD 8021B: VOLATILES					Analyst	mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 3:23:00 AM	63168
Toluene	ND	0.048	mg/Kg	1	10/12/2021 3:23:00 AM	63168
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 3:23:00 AM	63168
Xylenes, Total	ND	0.096	mg/Kg	1	10/12/2021 3:23:00 AM	63168
Surr: 4-Bromofluorobenzene	80.8	70-130	%Rec	1	10/12/2021 3:23:00 AM	63168

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Duc to Matrix
- D Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
 - % Recovery ootside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 1 of 65

Analytical Report

Lab Order **2110477**

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-2 5

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/5/2021 10:05:00 AM

 Lab ID:
 2110477-002
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Resnlt	RL (Qual Units	DF	Date Analyzed B	Batch
EPA METHOD 300.0: ANIONS		•			Analyst: M	/IRA
Chloride	88	60	mg/Kg	20	10/10/2021 4:53:06 PM 63	3179
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: S	B
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 12:29:49 PM 63	3182
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 12:29:49 PM 63	3182
Surr: DNOP	98.7	70-130	%Rec	1	10/11/2021 12:29:49 PM 63	3182
EPA METHOD 8015D: GASOLINE RANGE					Analyst: m	dr
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/12/2021 3:42:00 AM 63	3168
Surr: BFB	94.7	70-130	%Rec	1	10/12/2021 3:42:00 AM 63	3168
EPA METHOD 8021B: VOLATILES					Analyst: m	nb
Benzene	ND	0.023	mg/Kg	1	10/12/2021 3:42:00 AM 63	3168
Toluene	ND	0.046	mg/Kg	1	10/12/2021 3:42:00 AM 63	3168
Ethylbenzene	ND	0.046	mg/Kg	1	10/12/2021 3:42:00 AM 63	3168
Xylenes, Total	ND	0.093	mg/Kg	1	10/12/2021 3:42:00 AM 63	3168
Surr: 4-Bromofluorobenzene	81.7	70-130	%Rec	1	10/12/2021 3:42:00 AM 63	3168

 $Refer \ to \ the \ QC \ Summary \ report \ and \ sample \ login \ checklist \ for \ flagged \ QC \ data \ and \ preservation \ information.$

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 65

Analytical Report

Lab Order **2110477**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/15/2021

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2110477-003

Client Sample ID: S-3 5'

Collection Date: 10/5/2021 10:10:00 AM Received Date: 10/8/2021 7:35:00 AM

Result **RL** Qual Units DF Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA 10/10/2021 5:05:31 PM 63179 87 60 Chloride mg/Kg 20 Analyst: SB EPA METHOD 8015M/D: DIESEL RANGE ORGANICS 10/11/2021 12:40:32 PM 63182 Diesel Range Organics (DRO) ND 9.6 mg/Kg 1 10/11/2021 12:40:32 PM 63182 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/11/2021 12:40:32 PM 63182 Surr: DNOP 103 70-130 %Rec 1 Analyst: mb EPA METHOD 8015D: GASOLINE RANGE 10/12/2021 4:02:00 AM 63168 ND 4.7 mg/Kg 1 Gasoline Range Organics (GRO) 10/12/2021 4:02:00 AM 63168 Surr: BFB 92.7 70-130 %Rec 1 Analyst: mb EPA METHOD 8021B: VOLATILES 10/12/2021 4:02:00 AM 63168 ND 0.023 mg/Kg Benzene 10/12/2021 4:02:00 AM 63168 1 Toluene ND 0.047 mg/Kg 63168 Ethylbenzene ND 0.047 mg/Kg 1 10/12/2021 4:02:00 AM ND 0.094 mg/Kg 1 10/12/2021 4:02:00 AM 63168 Xylenes, Total 70-130 %Rec 10/12/2021 4:02:00 AM 63168 82.6 Surr: 4-Bromofluorobenzene

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- 11 Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-4 7' CLIENT: Talon Artesia

Collection Date: 10/5/2021 10:15:00 AM Red Tank 4 Fed 1 Project: 2110477-004 Matrix: SOIL Received Date: 10/8/2021 7:35:00 AM Lab ID:

Analyses	Result	m RL	Qual Units	DF	Date Analyzed Batc
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	300	60	mg/Kg	20	10/10/2021 5:42:44 PM 6317
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/11/2021 12:51:17 PM 6318
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/11/2021 12:51:17 PM 6318:
Surr: DNOP	105	70-130	%Rec	1	10/11/2021 12:51:17 PM 6318
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2021 4:22:00 AM 6316
Surr: BFB	91.4	70-130	%Rec	1	10/12/2021 4:22:00 AM 6316
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 4:22:00 AM 6316
Toluene	ND	0.049	mg/Kg	1	10/12/2021 4:22:00 AM 63168
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2021 4:22:00 AM 63168
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2021 4:22:00 AM 63168
Surr: 4-Bromofluorobenzene	82.9	70-130	%Rec	1	10/12/2021 4:22:00 AM 63168

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Practical Quanitative Limit PQL.
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 4 of 65

Lab Order 2110477

Client Sample ID: S-5 10'

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Collection Date: 10/6/2021 8:30:00 AM Red Tank 4 Fed 1 Project:

Received Date: 10/8/2021 7:35:00 AM Lab ID: 2110477-005 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	220	60	mg/Kg	20	10/10/2021 5:55:08 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 1:02:02 PM	63182
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 1:02:02 PM	63182
Surr: DNOP	105	70-130	%Rec	1	10/11/2021 1:02:02 PM	63182
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2021 4:42:00 AM	63168
Surr: BFB	89.9	70-130	%Rec	1	10/12/2021 4:42:00 AM	63168
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.025	mg/Kg	1	10/12/2021 4:42:00 AM	63168
Toluene	ND	0.049	mg/Kg	1	10/12/2021 4:42:00 AM	63168
Ethylbenzene	ND	0.049	m g /Kg	1	10/12/2021 4:42:00 AM	63168
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2021 4:42:00 AM	63168
Surr: 4-Bromofluorobenzene	82.2	70-130	%Rec	1	10/12/2021 4:42:00 AM	63168

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level. D
 - Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit RL

Page 5 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-6 10'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/6/2021 8:35:00 AM

 Lab ID:
 2110477-006
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: MRA
Chloride	220	61	mg/Kg	20	10/10/2021 6:07:32 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORG	BANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/11/2021 1:12:50 PM	63182
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 1:12:50 PM	63182
Surr: DNOP	119	70-130	%Rec	1	10/11/2021 1:12:50 PM	63182
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2021 5:01:00 AM	63168
Surr: BFB	92.4	70-130	%Rec	1	10/12/2021 5:01:00 AM	63168
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 5:01:00 AM	63168
Toluene	ND	0.049	mg/Kg	1	10/12/2021 5:01:00 AM	63168
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2021 5:01:00 AM	63168
Xylenes, Total	ND	0.098	mg/Kg	1	10/12/2021 5:01:00 AM	63168
Surr: 4-Bromofluorobenzene	84.3	70-130	%Rec	1	10/12/2021 5:01:00 AM	63168

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 65

Released to Imaging: 1/27/2022 7:53:29 AM

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-7 10' CLIENT: Talon Artesia

Red Tank 4 Fed 1 Collection Date: 10/6/2021 8:40:00 AM Project: Received Date: 10/8/2021 7:35:00 AM 2110477-007 Matrix: SOIL Lab ID:

RL Qual Units **DF** Date Analyzed Batch Analyses Result Analyst: MRA **EPA METHOD 300.0: ANIONS** 10/10/2021 6:19:57 PM 63179 310 Chloride 60 mg/Kg Analyst: SB EPA METHOD 8015M/D: DIESEL RANGE ORGANICS 10/11/2021 1:23:39 PM 63182 ND 9.7 1 Diesel Range Organics (DRO) mg/Kg 10/11/2021 1:23:39 PM 63182 ND mg/Kg 1 Motor Oil Range Organics (MRO) 49 10/11/2021 1:23:39 PM 63182 Surr: DNOP 106 70-130 %Rec 1 Analyst: mb **EPA METHOD 8015D: GASOLINE RANGE** 10/12/2021 5:21:00 AM 63168 ND 4.8 mg/Kg Gasoline Range Organics (GRO) 1 10/12/2021 5:21:00 AM 63168 93.1 70-130 %Rec 1 Surr: BFB Analyst: mb **EPA METHOD 8021B: VOLATILES** ND 0.024 mg/Kg 10/12/2021 5:21:00 AM 63168 Benzene 10/12/2021 5:21:00 AM 63168 ND 0.048 mg/Kg 1 Toluene 0.048 10/12/2021 5:21:00 AM 63168 Ethylbenzene ND mg/Kg 10/12/2021 5:21:00 AM 63168 ND 0.096 mg/Kg 1 Xylenes, Total %Rec 10/12/2021 5:21:00 AM 63168 Surr: 4-Bromofluorobenzene 82.8 70-130

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level. D
 - Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 7 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Client Sample ID: S-8 10'

Collection Date: 10/6/2021 8:45:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	•				Analyst:	MRA
Chloride	290	60	mg/Kg	20	10/10/2021 6:32:22 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 1:34:30 PM	63182
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 1:34:30 PM	63182
Surr: DNOP	123	70-130	%Rec	1	10/11/2021 1:34:30 PM	63182
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 9:06:00 AM	63168
Surr: BFB	90.2	70-130	%Rec	1	10/12/2021 9:06:00 AM	63168
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 9:06:00 AM	63168
Toluene	ND	0.048	mg/Kg	1	10/12/2021 9:06:00 AM	63168
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 9:06:00 AM	63168
Xylenes, Total	ND	0.095	mg/Kg	1	10/12/2021 9:06:00 AM	63168
Surr: 4-Bromofluorobenzene	79.5	70-130	%Rec	1	10/12/2021 9:06:00 AM	63168

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Received by OCD: 1/10/2022 7:06:31 AM

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Lab ID:

Red Tank 4 Fed 1

2110477-008

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - 8 % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 8 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-9 10

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/6/2021 8:50:00 AM

 Lab ID:
 2110477-009
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	•				Analyst:	MRA
Chloride	290	60	mg/Kg	20	10/10/2021 6:44:46 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/11/2021 1:45:22 PM	63182
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 1:45:22 PM	63182
Surr: DNOP	128	70-130	%Rec	1	10/11/2021 1:45:22 PM	63182
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2021 9:26:00 AM	63168
Surr: BFB	95.3	70-130	%Rec	1	10/12/2021 9:26:00 AM	63168
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 9:26:00 AM	63168
Toluene	Ņ D	0.049	mg/Kg	1	10/12/2021 9:26:00 AM	63168
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2021 9:26:00 AM	63168
Xylenes, Total	ND	0.098	mg/Kg	1	10/12/2021 9:26:00 AM	63168
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	10/12/2021 9:26:00 AM	63168

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - 8 % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Released to Imaging: 1/27/2022 7:53:29 AM

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Lab ID:

Red Tank 4 Fed 1

2110477-010

Client Sample ID: S-10 3-4'

Collection Date: 10/6/2021 8:55:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	MRA
Chloride	320	60		mg/Kg	20	10/10/2021 6:57:11 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst:	SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/11/2021 1:56:14 PM	63182
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/11/2021 1:56:14 PM	63182
Surr: DNOP	127	70-130		%Rec	1	10/11/2021 1:56:14 PM	63182
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	mb
Gasoline Range Organics (GRO)	ПИ	5.0		mg/Kg	1	10/12/2021 9:46:00 AM	63168
Surr: BFB	93.0	70-130		%Rec	1	10/12/2021 9:46:00 AM	63168
EPA METHOD 8021B: VOLATILES						Analyst:	mb
Benzene	ND	0.025		mg/Kg	1	10/12/2021 9:46:00 AM	63168
Toluene	ND	0.050		mg/Kg	1	10/12/2021 9:46:00 AM	63168
Ethylbenzene	ND	0.050		mg/Kg	1	10/12/2021 9:46:00 AM	63168
Xylenes, Total	ND	0.10		mg/Kg	1	10/12/2021 9:46:00 AM	63168
Surr: 4-Bromofluorobenzene	82.4	70-130		%Rec	1	10/12/2021 9:46:00 AM	63168

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- D Holding times for preparation or analysis exceeded н
- Not Detected at the Reporting Limit ND
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 10 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-11 3-4'

Collection Date: 10/6/2021 9:00:00 AM Red Tank 4 Fed 1 Project: Received Date: 10/8/2021 7:35:00 AM

Matrix: SOIL

2110477-011 Lab ID: Batch Result RL Qual Units DF Date Analyzed Analyses Analyst: MRA **EPA METHOD 300.0: ANIONS** 10/10/2021 7:09:35 PM 63179 Chloride 300 60 mg/Kg Analyst: SB EPA METHOD 8015M/D: DIESEL RANGE ORGANICS 10/11/2021 2:07:05 PM 63182 9.8 mg/Kg 1 Diesel Range Organics (DRO) ND 10/11/2021 2:07:05 PM 63182 ND 49 mg/Kg 1 Motor Oil Range Organics (MRO) 10/11/2021 2:07:05 PM 63182 127 70-130 %Rec Surr: DNOP Analyst: mb **EPA METHOD 8015D: GASOLINE RANGE** 10/12/2021 10:05:00 AM 63168 Gasoline Range Organics (GRO) ND 4.8 mg/Kg 1 10/12/2021 10:05:00 AM 63168 %Rec 1 Surr: BFB 89.4 70-130 Analyst: mb **EPA METHOD 8021B: VOLATILES** 10/12/2021 10:05:00 AM 63168 Benzene ND 0.024 mg/Kg 10/12/2021 10:05:00 AM 63168 mg/Kg 1 Toluene ND 0.048 10/12/2021 10:05:00 AM 63168 ND 0.048 mg/Kg 1 Ethylbenzene 10/12/2021 10:05:00 AM 63168 1 Xylenes, Total ND 0.096 mg/Kg 10/12/2021 10:05:00 AM 63168 82.5 70-130 %Rec Surr: 4-Bromofluorobenzene

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level. D
 - Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank В
- Value above quantitation range E
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 11 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

2110477-012

Project:

Lab ID:

Client Sample ID: S-12 3-4'

Collection Date: 10/6/2021 9:05:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	280	60	mg/Kg	20	10/11/2021 9:08:35 AM 63189
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/11/2021 2:17:55 PM 63182
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 2:17:55 PM 63182
Surr: DNOP	119	70-130	%Rec	1	10/11/2021 2:17:55 PM 63182
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/12/2021 10:25:00 AM 63168
Surr: BFB	92.2	70-130	%Rec	1	10/12/2021 10:25:00 AM 63168
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	10/12/2021 10:25:00 AM 63168
Toluene	ND	0.050	mg/Kg	1	10/12/2021 10:25:00 AM 63168
Ethylbenzene	ND	0.050	mg/Kg	1	10/12/2021 10:25:00 AM 63168
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2021 10:25:00 AM 63168
Surr: 4-Bromofluorobenzene	83.2	70-130	%Rec	1	10/12/2021 10:25:00 AM 63168

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - 8 % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 12 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

2110477-013 Lab ID:

Project:

Matrix: SOIL

Client Sample ID: S-13 3-4'

Collection Date: 10/6/2021 9:10:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	: VP
Chloride	300	60	mg/Kg	20	10/11/2021 9:45:49 AM	63189
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 2:28:48 PM	63182
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 2:28:48 PM	63182
Surr: DNOP	115	70-130	%Rec	1	10/11/2021 2:28:48 PM	63182
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2021 10:45:00 AM	1 63168
Surr: BFB	97.7	70-130	%Rec	1	10/12/2021 10:45:00 AM	1 63168
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 10:45:00 AM	163168
Toluene	ND	0.049	mg/Kg	1	10/12/2021 10:45:00 AM	1 63168
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2021 10:45:00 AM	1 63168
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2021 10:45:00 AM	1 63168
Surr: 4-Bromofluorobenzene	93.8	70-130	%Rec	1	10/12/2021 10:45:00 AM	163168

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Practical Quanitative Limit \mathbf{PQL}
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit RL

Page 13 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-14 3-4'

Project: Red Tank 4 Fed 1 Collection Date: 10/5/2021 10:20:00 AM

Lab ID: 2110477-014 Matrix: SOIL Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: VP
Chloride	ND	60		mg/Kg	20	10/11/2021 10:23:03 A	M 63189
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analys	t: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/11/2021 2:39:40 PM	1 63182
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/11/2021 2:39:40 PM	63182
Surr: DNOP	120	70-130		%Rec	1	10/11/2021 2:39:40 PM	63182
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/12/2021 11:05:00 A	M 63168
Surr: BFB	94.1	70-130		%Rec	1	10/12/2021 11:05:00 A	M 63168
EPA METHOD 8021B: VOLATILES						Analys	:: mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 11:05:00 A	M 63168
Toluene	ND	0.048		mg/Kg	1	10/12/2021 11:05:00 A	M 63168
Ethylbenzene	ND	0.048		mg/Kg	1	10/12/2021 11:05:00 A	M 63168
Xylenes, Total	ND	0.096		mg/Kg	1	10/12/2021 11:05:00 A	M 63168
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	10/12/2021 11:05:00 A	M 63168

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

8 % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit

Page 14 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Lab ID:

Red Tank 4 Fed 1

2110477-015

Client Sample ID: S-15 3-4'

Collection Date: 10/5/2021 10:25:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	ND	60	mg/Kg	20	10/11/2021 10:35:27	M 63189
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/11/2021 2:50:33 PM	A 63182
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/11/2021 2:50:33 PM	M 63182
Surr: DNOP	114	70-130	%Rec	1	10/11/2021 2:50:33 PM	M 63182
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/12/2021 11:24:00 A	M 63168
Surr: BFB	89.5	70-130	%Rec	1	10/12/2021 11:24:00 A	M 63168
EPA METHOD 8021B: VOLATILES					Analys	t: mb
Benzene	ND	0.023	mg/Kg	1	10/12/2021 11:24:00 A	M 63168
Toluene	ND	0.046	mg/Kg	1	10/12/2021 11:24:00 A	M 63168
Ethylbenzene	ND	0.046	mg/Kg	1	10/12/2021 11:24:00 A	M 63168
Xylenes, Total	ND	0.093	mg/Kg	1	10/12/2021 11:24:00 A	M 63168
Surr: 4-Bromofluorobenzene	80.7	70-130	%Rec	1	10/12/2021 11:24:00 A	M 63168

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- D Holding times for preparation or analysis exceeded н
- Not Detected at the Reporting Limit ND
- Practical Quanitative Limit PQL
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 15 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-16 3-4'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/5/2021 10:30:00 AM

 Lab ID:
 2110477-016
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	•					Analyst	: VP
Chloride	290	60		mg/Kg	20	10/11/2021 11:12:41 Al	VI 63189
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	10/11/2021 3:01:24 PM	63182
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/11/2021 3:01:24 PM	63182
Surr: DNOP	152	70-130	S	%Rec	1	10/11/2021 3:01:24 PM	63182
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/12/2021 11:44:00 A	/ 63168
Surr: BFB	88.5	70-130		%Rec	1	10/12/2021 11:44:00 A	/ 63168
EPA METHOD 8021B: VOLATILES						Analyst	mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 11:44:00 AM	/ 63168
Toluene	ND	0.049		mg/Kg	1	10/12/2021 11:44:00 AM	/ 1 63168
Ethylbenzene	ND	0.049		mg/Kg	1	10/12/2021 11:44:00 AM	/I 63168
Xylenes, Total	ND	0.098		mg/Kg	1	10/12/2021 11:44:00 AM	A 63168
Surr: 4-Bromofluorobenzene	81.1	70-130		%Rec	1	10/12/2021 11:44:00 AM	<i>I</i> I 63168

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 16 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-17 3-4'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/5/2021 10:45:00 AM

 Lab ID:
 2110477-017
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Result **RL Qual Units** DF Date Analyzed Batch Analyses Analyst: VP **EPA METHOD 300.0: ANIONS** 10/11/2021 11:25:06 AM 63189 310 59 mg/Kg Chloride Analyst: SB EPA METHOD 8015M/D: DIESEL RANGE ORGANICS 10/11/2021 3:12:28 PM 63182 Diesel Range Organics (DRO) ND 9.6 mg/Kg 1 10/11/2021 3:12:28 PM 63182 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/11/2021 3:12:28 PM 63182 Surr: DNOP 112 70-130 %Rec 1 Analyst: mb EPA METHOD 8015D: GASOLINE RANGE 10/12/2021 12:04:00 PM 63168 ND 4.8 mg/Kg 1 Gasoline Range Organics (GRO) 10/12/2021 12:04:00 PM 63168 Surr: BFB 89.9 70-130 %Rec 1 Analyst: mb **EPA METHOD 8021B: VOLATILES** 10/12/2021 12:04:00 PM 63168 Benzene ND 0.024 mg/Kg 10/12/2021 12:04:00 PM 63168 Toluene ND 0.048 mg/Kg 1 Ethylbenzene ND 0.048 mg/Kg 1 10/12/2021 12:04:00 PM 63168 ND 0.097 mg/Kg 1 10/12/2021 12:04:00 PM 63168 Xylenes, Total 70-130 %Rec 10/12/2021 12:04:00 PM 63168 80.4 Surr: 4-Bromofluorobenzene

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 17 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Red Tank 4 Fed 1

Client Sample ID: S-18 3-4'

Collection Date: 10/5/2021 10:50:00 AM

Lab ID: 2110477-018	Matrix: SOIL	Received Date: 10/8/2021 7:35:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Anal y st	: VP		
Chloride	320	60	mg/Kg	20	10/11/2021 11:37:31 Af	√1 63189		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: SB		
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 3:23:28 PM	63182		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 3:23:28 PM	63182		
Surr: DNOP	112	70-130	%Rec	1	10/11/2021 3:23:28 PM	63182		
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	NSB		
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/11/2021 9:37:12 PM	63172		
Surr: BFB	95.9	70-130	%Rec	1	10/11/2021 9:37:12 PM	63172		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Велгене	ND	0.023	mg/Kg	1	10/11/2021 9:37:12 PM	63172		
Toluene	ND	0.046	mg/Kg	1	10/11/2021 9:37:12 PM	63172		
Ethylbenzene	ND	0.046	mg/Kg	1	10/11/2021 9:37:12 PM	63172		
Xylenes, Total	ND	0.093	mg/Kg	1	10/11/2021 9:37:12 PM	63172		
Surr: 4-Bromofluorobenzene	85.3	70-130	%Rec	1	10/11/2021 9:37:12 PM	63172		

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualisiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- D Ħ Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 18 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-19 3-4'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/5/2021 10:55:00 AM

 Lab ID:
 2110477-019
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	320	60	mg/Kg	20	10/11/2021 11:49:55 AM 63189
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 3:34:27 PM 63182
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 3:34:27 PM 63182
Surr: DNOP	126	70-130	%Rec	1	10/11/2021 3:34:27 PM 63182
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/11/2021 10:48:25 PM 63172
Surr: BFB	96.6	70-130	%Rec	1	10/11/2021 10:48:25 PM 63172
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	10/11/2021 10:48:25 PM 63172
Toluene	ND	0.049	mg/Kg	1	10/11/2021 10:48:25 PM 63172
Ethylbenzene	ND	0.049	mg/Kg	1	10/11/2021 10:48:25 PM 63172
Xylenes, Total	ND	0.099	mg/Kg	1	10/11/2021 10:48:25 PM 63172
Surr: 4-Bromofluorobenzene	86.5	70-130	%Rec	1	10/11/2021 10:48:25 PM 63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 8 % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 19 of 65

CLIENT: Talon Artesia

Red Tank 4 Fed 1

2110477-020

Project:

Lab ID:

Released to Imaging: 1/27/2022 7:53:29 AM

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

Matrix: SOIL

Client Sample ID: S-20 3-4'

Collection Date: 10/5/2021 11:00:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	10/11/2021 12:02:20 PM	A 63189
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 3:45:24 PM	63182
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 3:45:24 PM	63182
Surr: DNOP	111	70-130	%Rec	1	10/11/2021 3:45:24 PM	63182
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/11/2021 11:59:31 PM	1 63172
Surr: BFB	97.6	70-130	%Rec	1	10/11/2021 11:59:31 PN	1 63172
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.024	mg/Kg	1	10/11/2021 11:59:31 PM	1 63172
Toluene	ND	0.049	mg/Kg	1	10/11/2021 11:59:31 PM	1 63172
Ethylbenzene	ND	0.049	mg/Kg	1	10/11/2021 11:59:31 PM	63172
Xylenes, Total	ND	0.098	mg/Kg	1	10/11/2021 11:59:31 PM	1 63172
Surr: 4-Bromofluorobenzene	86.4	70-130	%Rec	1	10/11/2021 11:59:31 PM	1 63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- QL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 20 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-21 3-4'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/5/2021 11:05:00 AM

 Lab ID:
 2110477-021
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Aualyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	320	60		mg/Kg	20	10/11/2021 12:14:45 PI	M 63189
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	: SB
Dieseł Range Organics (DRO)	ND	9.9		mg/Kg	1	10/11/2021 5:23:23 PM	63183
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/11/2021 5:23:23 PM	63183
Surr: DNOP	135	70-130	S	%Rec	1	10/11/2021 5:23:23 PM	63183
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/12/2021 12:23:14 AM	M 63172
Surr: BFB	94.3	70-130		%Rec	1	10/12/2021 12:23:14 A	vi 63172
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	N D	0.025		mg/Kg	1	10/12/2021 12:23:14 AM	M 63172
Toluene	ND	0.050		mg/Kg	1	10/12/2021 12:23:14 AM	M 63172
Ethylbenzene	ND	0.050		mg/Kg	1	10/12/2021 12:23:14 AM	/I 63172
Xylenes, Total	ND	0.099		mg/Kg	1	10/12/2021 12:23:14 AM	/ 1 63172
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	10/12/2021 12:23:14 AM	/ 63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 21 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-22 3-4'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/5/2021 11:10:00 AM

 Lab ID:
 2110477-022
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	320	60	mg/Kg	20	10/11/2021 12:27:09 PM 63189
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 5:34:17 PM 63183
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 5:34:17 PM 63183
Surr: DNOP	129	70-130	%Rec	1	10/11/2021 5:34:17 PM 63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/12/2021 12:46:52 AM 63172
Surr: BFB	94.9	70-130	%Rec	1	10/12/2021 12:46:52 AM 63172
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	10/12/2021 12:46:52 AM 63172
Toluene	ND	0.047	mg/Kg	1	10/12/2021 12:46:52 AM 63172
Ethylbenzene	ND	0.047	mg/Kg	1	10/12/2021 12:46:52 AM 63172
Xylenes, Total	ND	0.093	mg/Kg	1	10/12/2021 12:46:52 AM 63172
Surr: 4-Bromofluorobenzene	84.6	70-130	%Rec	1	10/12/2021 12:46:52 AM 63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Duc to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 22 of 65

Analytical Report

Lab Order **2110477**

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-23 3-4

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/5/2021 9:10:00 AM

 Lab ID:
 2110477-023
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	310	60	mg/Kg	20	10/11/2021 12:39:34 F	PM 63189
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	st: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 5:45:08 PI	M 63183
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 5:45:08 Pf	vi 63183
Surr: DNOP	127	70-130	%Rec	1	10/11/2021 5:45:08 PI	M 63183
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/12/2021 1:10:26 Af	M 63172
Surr: BFB	97.5	70-130	%Rec	1	10/12/2021 1:10:26 A	√ 63172
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.025	mg/Kg	1	10/12/2021 1:10:26 AM	И 63172
Toluene	ND	0.050	mg/Kg	1	10/12/2021 1:10:26 AM	A 63172
Ethylbenzene	ND	0.050	mg/Kg	1	10/12/2021 1:10:26 AM	A 63172
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2021 1:10:26 AM	M 63172
Surr: 4-Bromofluorobenzene	86.9	70-130	%Rec	1	10/12/2021 1:10:26 AM	M 63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 23 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Lab ID:

Red Tank 4 Fed I

2110477-024

Client Sample ID: S-24 3-4'

Collection Date: 10/5/2021 9:15:00 AM Received Date: 10/8/2021 7:35:00 AM

Result **RL Qual Units** DF Date Analyzed Batch Analyses Analyst: VP **EPA METHOD 300.0: ANIONS** 10/11/2021 12:51:58 PM 63189 330 60 Chloride mg/Kg Analyst: SB EPA METHOD 8015M/D: DIESEL RANGE ORGANICS 10/11/2021 5:56:02 PM 63183 Diesel Range Organics (DRO) ND 9.6 mg/Kg 1 ND 48 mg/Kg 1 10/11/2021 5:56:02 PM 63183 Motor Oil Range Organics (MRO) 10/11/2021 5:56:02 PM 63183 124 70-130 %Rec 1 Surr: DNOP Analyst: NSB **EPA METHOD 8015D: GASOLINE RANGE** 10/12/2021 1:33:56 AM 63172 ND 4.6 mg/Kg 1 Gasoline Range Organics (GRO) 10/12/2021 1:33:56 AM 63172 99.2 70-130 %Rec 1 Surr: BFB Analyst: NSB **EPA METHOD 8021B: VOLATILES** 0.023 10/12/2021 1:33:56 AM 63172 ND mg/Kg Benzene 10/12/2021 1:33:56 AM 63172 Toluene ND 0.046 mg/Kg 1 10/12/2021 1:33:56 AM 63172 Ethylbenzene ND 0.046 mg/Kg 1 10/12/2021 1:33:56 AM 63172 ND 0.092 mg/Kg 1 Xylenes, Total 70-130 %Rec 10/12/2021 1:33:56 AM 63172 88.5 Surr: 4-Bromofluorobenzene

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- D н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range Ε
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 24 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-25 3-4'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/6/2021 9:15:00 AM

 Lab ID:
 2110477-025
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	310	60	mg/Kg	20	10/11/2021 1:04:22 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	10/11/2021 6:06:55 PM	63183
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/11/2021 6:06:55 PM	63183
Surr: DNOP	102	70-130	%Rec	1	10/11/2021 6:06:55 PM	63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/12/2021 1:57:39 AM	63172
Surr: BFB	101	70-130	%Rec	1	10/12/2021 1:57:39 AM	63172
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.023	mg/Kg	1	10/12/2021 1:57:39 AM	63172
Toluene	ND	0.047	mg/Kg	1	10/12/2021 1:57:39 AM	63172
Ethylbenzene	ND	0.047	mg/Kg	1	10/12/2021 1:57:39 AM	63172
Xylenes, Total	ND	0.094	mg/Kg	1	10/12/2021 1:57:39 AM	63172
Surr: 4-Bromofluorobenzene	90.5	70-130	%Rec	1	10/12/2021 1:57:39 AM	63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level,

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 25 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

Lab ID: 2110477-026

Project:

Client Sample ID: S-26 3-4'

Collection Date: 10/6/2021 9:20:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	150	60	mg/Kg	20	10/11/2021 1:41:36 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 6:17:48 PM	63183
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 6:17:48 PM	63183
Surr: DNOP	108	70-130	%Rec	1	10/11/2021 6:17:48 PM	63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 2:21:19 AM	63172
Surr: BFB	96.0	70-130	%Rec	1	10/12/2021 2:21:19 AM	63172
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.024	mg/Kg	1	10/12/2021 2:21:19 AM	63172
Toluene	ND	0.048	mg/Kg	1	10/12/2021 2:21:19 AM	63172
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 2:21:19 AM	63172
Xylenes, Total	N D	0.096	mg/Kg	1	10/12/2021 2:21:19 AM	63172
Surr: 4-Bromofluorobenzene	85.2	70-130	%Rec	1	10/12/2021 2:21:19 AM	63172

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 26 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

2110477-027

Project:

Lab ID:

Client Sample ID: S-27 3-4'

Collection Date: 10/6/2021 9:25:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	150	61	mg/Kg	20	10/11/2021 1:54:01 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/11/2021 6:28:41 PM	63183
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 6:28:41 PM	63183
Surr: DNOP	102	70-130	%Rec	1	10/11/2021 6:28:41 PM	63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 2:45:02 AM	63172
Surr: BFB	95.8	70-130	%Rec	1	10/12/2021 2:45:02 AM	63172
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.024	mg/Kg	1	10/12/2021 2:45:02 AM	63172
Toluene	ND	0.048	mg/Kg	1	10/12/2021 2:45:02 AM	63172
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 2:45:02 AM	63172
Xylenes, Total	ND	0.096	mg/Kg	1	10/12/2021 2:45:02 AM	63172
Surr: 4-Bromofluorobenzene	85.2	70-130	%Rec	1	10/12/2021 2:45:02 AM	63172

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- D н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL.
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 27 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2110477-028

Matrix: SOIL

Client Sample ID: S-28 3-4'

Collection Date: 10/6/2021 9:30:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Uuits	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	150	60	mg/Kg	20	10/11/2021 2:06:26 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 6:39:33 PM	63183
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 6:39:33 PM	63183
Surr: DNOP	107	70-130	%Rec	1	10/11/2021 6:39:33 PM	63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/12/2021 3:32:25 AM	63172
Surr: BFB	96.1	70-130	%Rec	1	10/12/2021 3:32:25 AM	63172
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.025	mg/Kg	1	10/12/2021 3:32:25 AM	63172
Toluene	ND	0.050	mg/Kg	1	10/12/2021 3:32:25 AM	63172
Ethylbenzene	ND	0.050	mg/Kg	1	10/12/2021 3:32:25 AM	63172
Xylenes, Total	ND	0.10	mg/Kg	1	10/12/2021 3:32:25 AM	63172
Surr: 4-Bromofluorobenzene	85.3	70-130	%Rec	1	10/12/2021 3:32:25 AM	63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - 8 % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 28 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-29 3-4'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/6/2021 9:50:00 AM

 Lab ID:
 2110477-029
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	10/11/2021 2:18:51 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 6:50:26 PM	63183
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 6:50:26 PM	63183
Surr: DNOP	125	70-130	%Rec	1	10/11/2021 6:50:26 PM	63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 3:56:03 AM	63172
Surr: BFB	97.0	70-130	%Rec	1	10/12/2021 3:56:03 AM	63172
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	10/12/2021 3:56:03 AM	63172
Toluene	ND	0.048	mg/Kg	1	10/12/2021 3:56:03 AM	63172
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 3:56:03 AM	63172
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2021 3:56:03 AM	63172
Surr: 4-Bromofluorobenzene	86.9	70-130	%Rec	1	10/12/2021 3:56:03 AM	63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 29 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-30 3-4'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/6/2021 9:55:00 AM

 Lab ID:
 2110477-030
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	160	60	mg/Kg	20	10/11/2021 2:31:16 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 7:01:15 PM	63183
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 7:01:15 PM	63183
Surr: DNOP	103	70-130	%Rec	1	10/11/2021 7:01:15 PM	63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/12/2021 4:19:32 AM	63172
Surr: BFB	99.1	70-130	%Rec	1	10/12/2021 4:19:32 AM	63172
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.023	mg/Kg	1	10/12/2021 4:19:32 AM	63172
Toluene	ND	0.046	mg/Kg	1	10/12/2021 4:19:32 AM	63172
Ethylbenzene	ND	0.046	mg/Kg	1	10/12/2021 4:19:32 AM	63172
Xylenes, Total	ND	0.092	mg/Kg	1	10/12/2021 4:19:32 AM	63172
Surr: 4-Bromofluorobenzene	87.9	70-130	%Rec	1	10/12/2021 4:19:32 AM	63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

L Reporting Limit

Page 30 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

2110477-031

Project:

Lab ID:

Client Sample ID: S-31 3-4'

Collection Date: 10/6/2021 10:00:00 AM Received Date: 10/8/2021 7:35:00 AM

Result RL Qual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP 10/11/2021 2:43:40 PM 63189 Chloride ND 61 mg/Kg Analyst: SB EPA METHOD 8015M/D: DIESEL RANGE ORGANICS 10/11/2021 7:12:06 PM 63183 Diesel Range Organics (DRO) ND 9.4 mg/Kg ND 1 10/11/2021 7:12:06 PM 63183 47 mg/Kg Motor Oil Range Organics (MRO) 70-130 %Rec 10/11/2021 7:12:06 PM 63183 Surr: DNOP 123 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB 10/12/2021 4:43:15 AM 63172 Gasoline Range Organics (GRO) ND 4.6 mg/Kg 1 70-130 %Rec 1 10/12/2021 4:43:15 AM 63172 Surr: BFB 98.2 **EPA METHOD 8021B: VOLATILES** Analyst: NSB 0.023 10/12/2021 4:43:15 AM 63172 ND Benzene mg/Kg Toluene ND 0.046 mg/Kg 1 10/12/2021 4:43:15 AM 63172 10/12/2021 4:43:15 AM 63172 ND 0.046 mg/Kg 1 Ethylbenzene 0.092 mg/Kg 10/12/2021 4:43:15 AM 63172 ND Xylenes, Total 10/12/2021 4:43:15 AM 63172 %Rec 70-130 Surr: 4-Bromofluorobenzene 87.2

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

D Holding times for preparation or analysis exceeded н

ND Not Detected at the Reporting Limit

POL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 31 of 65

Lab Order 2110477 Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Lab ID:

Red Tank 4 Fed 1

2110477-032

Matrix: SOIL

Client Sample ID: S-32 3-4'

Collection Date: 10/6/2021 10:05:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qnal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP .
Chloride	ND	59	mg/Kg	20	10/11/2021 4:01:32 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 7:22:56 PM	63183
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 7:22:56 PM	63183
Surr: DNOP	126	70-130	%Rec	1	10/11/2021 7:22:56 PM	63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 5:06:53 AM	63172
Surr: BFB	96.1	70-130	%Rec	1	10/12/2021 5:06:53 AM	63172
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.024	mg/Kg	1	10/12/2021 5:06:53 AM	63172
Toluene	ND	0.048	mg/Kg	1	10/12/2021 5:06:53 AM	63172
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 5:06:53 AM	63172
Xylenes, Total	ND	0.096	mg/Kg	1	10/12/2021 5:06:53 AM	63172
Surr: 4-Bromofluorobenzene	85.5	70-130	%Rec	1	10/12/2021 5:06:53 AM	63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 32 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

Lab ID: 2110477-033

Project:

Client Sample ID: S-33 3-4'

Collection Date: 10/6/2021 10:10:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	300	60	mg/Kg	20	10/11/2021 4:13:56 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/11/2021 7:33:45 PM	63183
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 7:33:45 PM	63183
Surr: DNOP	104	70-130	%Rec	1	10/11/2021 7:33:45 PM	63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 12:00:06 PM	1 63172
Surr: BFB	105	70-130	%Rec	1	10/12/2021 12:00:06 PN	163172
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.024	mg/Kg	1	10/12/2021 12:00:06 PM	1 63172
Toluene	ND	0.048	mg/Kg	1	10/12/2021 12:00:06 PM	63172
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 12:00:06 PM	63172
Xylenes, Total	ND	0.095	mg/Kg	1	10/12/2021 12:00:06 PM	63172
Surr: 4-Bromofluorobenzene	85.8	70-130	%Rec	1	10/12/2021 12:00:06 PM	63172

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level,
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 33 of 65

Lab Order **2110477**Date Reported: **10/15/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-34 3-4'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/6/2021 10:15:00 AM

 Lab ID:
 2110477-034
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	140	61	mg/Kg	20	10/11/2021 4:26:20 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	10/11/2021 7:44:37 PM	63183
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/11/2021 7:44:37 PM	63183
Surr: DNOP	110	70-130	%Rec	1	10/11/2021 7:44:37 PM	63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 12:23:44 PM	VI 63172
Surr: BFB	97.8	70-130	%Rec	1	10/12/2021 12:23:44 PM	√1 63172
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	10/12/2021 12:23:44 PM	/I 63172
Toluene	ND	0.048	mg/Kg	1	10/12/2021 12:23:44 PM	/I 63172
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 12:23:44 PM	/I 63172
Xylenes, Total	ND	0.096	mg/Kg	1	10/12/2021 12:23:44 PM	/I 63172
Surr: 4-Bromofluorobenzene	85.2	70-130	%Rec	1	10/12/2021 12:23:44 PM	/I 63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- II Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 34 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

2110477-035

Project:

Lab ID:

Client Sample ID: S-35 3-4

Collection Date: 10/6/2021 10:20:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	•					Analyst	: VP
Chloride	75	60		mg/Kg	20	10/11/2021 4:38:45 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	10/11/2021 7:55:30 PM	63183
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	10/11/2021 7:55:30 PM	63183
Surr: DNOP	110	70-130		%Rec	1	10/11/2021 7:55:30 PM	63183
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/12/2021 12:47:12 PM	d 63172
Surr: BFB	97.3	70-130		%Rec	1	10/12/2021 12:47:12 PM	√ 63172
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.023		mg/Kg	1	10/12/2021 12:47:12 PM	Л 63172
Toluene	ND	0.046		mg/Kg	1	10/12/2021 12:47:12 PM	/I 63172
Ethylbenzene	ND	0.046		mg/Kg	1	10/12/2021 12:47:12 PM	A 63172
Xylenes, Total	ND	0.091		mg/Kg	1	10/12/2021 12:47:12 PN	/I 63172
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	1	10/12/2021 12:47:12 PN	A 63172

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 35 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

Lab ID: 2110477-036

Project:

Client Sample ID: S-36 3'

Collection Date: 10/6/2021 10:25:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	61	mg/Kg	20	10/11/2021 4:51:10 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	:: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 8:06:21 PM	63183
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 8:06:21 PM	63183
Surr: DNOP	118	70-130	%Rec	1	10/11/2021 8:06:21 PM	63183
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 1:58:05 PM	63172
Surr: BFB	97.1	70-130	%Rec	1	10/12/2021 1:58:05 PM	63172
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	10/12/2021 1:58:05 PM	63172
Toluene	ND	0.048	mg/Kg	1	10/12/2021 1:58:05 PM	63172
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 1:58:05 PM	63172
Xylenes, Total	ND	0.096	mg/Kg	1	10/12/2021 1:58:05 PM	63172
Surr. 4-Bromofluorobenzene	86.9	70-130	%Rec	1	10/12/2021 1:58:05 PM	63172

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 36 of 65

Analytical Report

Lab Order **2110477**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/15/2021

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2110477-037

Matrix: SOIL

Client Sample ID: S-37 3'

Collection Date: 10/6/2021 10:30:00 AM Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	140	60		mg/Kg	20	10/11/2021 5:03:35 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/11/2021 8:17:10 PM	63183
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/11/2021 8:17:10 PM	63183
Surr: DNOP	134	70-130	S	%Rec	1	10/11/2021 8:17:10 PM	63183
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/12/2021 2:21:34 PM	63172
Surr: BFB	99.1	70-130		%Rec	1	10/12/2021 2:21:34 PM	63172
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.024		mg/Kg	1	10/12/2021 2:21:34 PM	63172
Toluene	ND	0.049		mg/Kg	1	10/12/2021 2:21:34 PM	63172
Ethylbenzene	ND	0.049		mg/Kg	1	10/12/2021 2:21:34 PM	63172
Xylenes, Total	ND	0.098		mg/Kg	1	10/12/2021 2:21:34 PM	63172
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	10/12/2021 2:21:34 PM	63172

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- 11 Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 37 of 65

Lab Order **2110477**

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-38 3'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/6/2021 10:40:00 AM

 Lab ID:
 2110477-038
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	66	60	mg/Kg	20	10/11/2021 5:16:00 PM 63191
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/11/2021 10:01:29 AM 63186
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/11/2021 10:01:29 AM 63186
Surr: DNOP	105	70-130	%Rec	1	10/11/2021 10:01:29 AM 63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 2:02:00 PM 63174
Surr: BFB	99.9	70-130	%Rec	1	10/12/2021 2:02:00 PM 63174
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 2:02:00 PM 63174
Toluene	ND	0.048	mg/Kg	1	10/12/2021 2:02:00 PM 63174
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 2:02:00 PM 63174
Xylenes, Total	ND	0.096	mg/Kg	1	10/12/2021 2:02:00 PM 63174
Surr: 4-Bromofluorobenzene	82.1	70-130	%Rec	1	10/12/2021 2:02:00 PM 63174

 $Refer \ to \ the \ QC \ Summary \ report \ and \ sample \ login \ checklist \ for \ flagged \ QC \ data \ and \ preservation \ information.$

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- II Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 38 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: N.SW-1 10' **CLIENT:** Talon Artesia

Collection Date: 10/6/2021 11:00:00 AM Project: Red Tank 4 Fed 1 Received Date: 10/8/2021 7:35:00 AM Lab ID: 2110477-039 Matrix: SOIL

Analyses	Result	RL (Qual Units	DF	Date Analyzed Ba	atch
EPA METHOD 300.0: ANIONS					Analyst: V F	Р
Chloride	150	60	mg/Kg	20	10/11/2021 5:28:25 PM 63	3191
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: SE	В
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/11/2021 11:11:58 AM 63	3186
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/11/2021 11:11:58 AM 63	3186
Surr: DNOP	98.6	70-130	%Rec	1	10/11/2021 11:11:58 AM 63	3186
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb	b
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/12/2021 3:01:00 PM 63	3174
Surr: BFB	88.6	70-130	%Rec	1	10/12/2021 3:01:00 PM 63	3174
EPA METHOD 8021B: VOLATILES					Analyst: m t	b
Benzene	ND	0.024	mg/Kg	1	10/12/2021 3:01:00 PM 63	3174
Toluene	ND	0.047	mg/Kg	1	10/12/2021 3:01:00 PM 63	3174
Ethylbenzene	ND	0.047	mg/Kg	1	10/12/2021 3:01:00 PM 63 ⁻	3174
Xylenes, Total	ND	0.094	mg/Kg	1	10/12/2021 3:01:00 PM 63	3174
Surr: 4-Bromofluorobenzene	77.6	70-130	%Rec	1	10/12/2021 3:01:00 PM 63	3174

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 39 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: N.SW-2 3-4'

Collection Date: 10/5/2021 11:15:00 AM Project: Red Tank 4 Fed 1 Received Date: 10/8/2021 7:35:00 AM Lab ID: 2110477-040 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	300	60	mg/Kg	20	10/11/2021 5:40:49 PM 63191
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 11:35:26 AM 63186
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 11:35:26 AM 63186
Surr: DNOP	94.3	70-130	%Rec	1	10/11/2021 11:35:26 AM 63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/12/2021 4:00:00 PM 63174
Surr; BFB	92.0	70-130	%Rec	1	10/12/2021 4:00:00 PM 63174
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	10/12/2021 4:00:00 PM 63174
Toluene	ND	0.050	mg/Kg	1	10/12/2021 4:00:00 PM 63174
Ethylbenzene	ND	0.050	mg/Kg	1	10/12/2021 4:00:00 PM 63174
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2021 4:00:00 PM 63174
Surr: 4-Bromofluorobenzene	83.0	70-130	%Rec	1	10/12/2021 4:00:00 PM 63174

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 40 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: N.SW-3 3-4 CLIENT: Talon Artesia

Collection Date: 10/5/2021 11:20:00 AM Project: Red Tank 4 Fed 1 Received Date: 10/8/2021 7:35:00 AM Lab ID: 2110477-041 Matrix: SOIL

Analyses	Result	RL	Qual Units	DF	Date Analyzed B	Batch
EPA METHOD 300.0: ANIONS					Analyst: V	/P
Chloride	15 0	60	mg/Kg	20	10/11/2021 5:53:14 PM 6	33191
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: S	3B
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 11:58:57 AM 6	3186
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 11:58:57 AM 6	33186
Surr: DNOP	93.7	70-130	%Rec	1	10/11/2021 11:58:57 AM 6	33186
EPA METHOD 8015D: GASOLINE RANGE					Analyst: m	nb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 4:19:00 PM 6:	3174
Surr: BFB	90.2	70-130	%Rec	1	10/12/2021 4:19:00 PM 6:	3174
EPA METHOD 8021B: VOLATILES					Analyst: m	nb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 4:19:00 PM 6:	3174
Тојиеле	ND	0.048	mg/Kg	1	10/12/2021 4:19:00 PM 6:	3174
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 4:19:00 PM 6:	3174
Xylenes, Total	ND	0.096	mg/Kg	1	10/12/2021 4:19:00 PM 63	3174
Surr: 4-Bromofluorobenzene	82.6	70-130	%Rec	1	10/12/2021 4:19:00 PM 63	3174

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- \mathbf{D} Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL
 - % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range Е
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 41 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2110477-042

Client Sample ID: N.SW-4 3-4'

Collection Date: 10/5/2021 11:30:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	59	mg/Kg	20	10/11/2021 6:30:28 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 12:22:37 PI	M 63186
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 12:22:37 PI	M 63186
Surr: DNOP	102	70-130	%Rec	1	10/11/2021 12:22:37 Pt	VI 63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 4:39:00 PM	63174
Surr: BFB	102	70-130	%Rec	1	10/12/2021 4:39:00 PM	63174
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 4:39:00 PM	63174
Toluene	ND	0.048	mg/Kg	1	10/12/2021 4:39:00 PM	63174
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 4:39:00 PM	63174
Xylenes, Total	ND	0.095	mg/Kg	1	10/12/2021 4:39:00 PM	63174
Surr: 4-Bromofluorobenzene	80.6	70-130	%Rec	1	10/12/2021 4:39:00 PM	63174

Matrix: SOIL

 $Refer \ to \ the \ QC \ Summary \ report \ and \ sample \ login \ checklist \ for \ flagged \ QC \ data \ and \ preservation \ information.$

Qualifiers:

- Value exceeds Maximum Contaminant Level,
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 42 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2110477-043

Client Sample ID: S.SW-1 5'

Collection Date: 10/5/2021 11:35:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: VP
Chloride	ND	60	mg/Kg	20	10/11/2021 6:42:54 PM 63191
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/11/2021 12:46:28 PM 63186
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 12:46:28 PM 63186
Surr: DNOP	102	70-130	%Rec	1	10/11/2021 12:46:28 PM 63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/12/2021 4:59:00 PM 63174
Surr: BFB	86.9	70-130	%Rec	1	10/12/2021 4:59:00 PM 63174
EPA METHOD 8021B: VOLATILES					Analyst: mb
Веплеле	N D	0.023	mg/Kg	1	10/12/2021 4:59:00 PM 63174
Toluene	ND	0.046	mg/Kg	1	10/12/2021 4:59:00 PM 63174
Ethylbenzene	ND	0.046	mg/Kg	1	10/12/2021 4:59:00 PM 63174
Xylenes, Total	ND	0.091	mg/Kg	1	10/12/2021 4:59:00 PM 63174
Surr: 4-Bromofluorobenzene	79.6	70-130	%Rec	1	10/12/2021 4:59:00 PM 63174

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 43 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S.SW-2 3-4'

Collection Date: 10/6/2021 11:00:00 AM

Project: Red Tank 4 Fed 1 Received Date: 10/8/2021 7:35:00 AM Matrix: SOIL Lab ID: 2110477-044

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	: VP
Chloride	67	61	mg/Kg	20	10/11/2021 6:55:18 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 1:10:25 PM	63186
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 1:10:25 PM	63186
Surr: DNOP	96.0	70-130	%Rec	1	10/11/2021 1:10:25 PM	63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	10/12/2021 5:18:00 PM	63174
Surr: BFB	92.7	70-130	%Rec	1	10/12/2021 5:18:00 PM	63174
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.023	mg/Kg	1	10/12/2021 5:18:00 PM	63174
Toluene	ND	0.046	mg/Kg	1	10/12/2021 5:18:00 PM	6317 4
Ethylbenzene	ND	0.046	mg/Kg	1	10/12/2021 5:18:00 PM	63174
Xylenes, Total	ND	0.093	mg/Kg	1	10/12/2021 5:18:00 PM	63174
Surr: 4-Bromofluorobenzene	82.1	70-130	%Rec	1	10/12/2021 5:18:00 PM	63174

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

Page 44 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S.SW-3 3-4'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/6/2021 11:05:00 AM

 Lab ID:
 2110477-045
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL Ç	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	200	60	mg/Kg	20	10/11/2021 7:07:42 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analysi	: SB
Diesel Range Organics (DRO)	ND	9,9	mg/Kg	1	10/11/2021 1:34:28 PM	63186
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 1:34:28 PM	63186
Surr: DNOP	95.9	70-130	%Rec	1	10/11/2021 1:34:28 PM	63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 5:38:00 PM	63174
Surr: BFB	85.6	70-130	%Rec	1	10/12/2021 5:38:00 PM	63174
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 5:38:00 PM	63174
Toluene	ND	0.048	mg/Kg	1	10/12/2021 5:38:00 PM	63174
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 5:38:00 PM	63174
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2021 5:38:00 PM	63174
Surr: 4-Bromofluorobenzene	79.0	70-130	%Rec	1	10/12/2021 5:38:00 PM	63174

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 45 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Lab ID:

Client Sample ID: S.SW-4 3-4'

Project: Red Tank 4 Fed 1 Collection Date: 10/6/2021 11:10:00 AM 2110477-046 Matrix: SOIL Received Date: 10/8/2021 7:35:00 AM

Result RL Qual Units DF Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: VP 10/11/2021 7:20:07 PM 63191 ND Chloride 60 mg/Kg EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: SB 10/11/2021 1:58:38 PM 63186 Diesel Range Organics (DRO) ND 9.4 mg/Kg Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/11/2021 1:58:38 PM 63186 10/11/2021 1:58:38 PM 63186 Surr: DNOP 99.9 70-130 %Rec Analyst: mb **EPA METHOD 8015D: GASOLINE RANGE** 10/12/2021 5:58:00 PM 63174 ND Gasoline Range Organics (GRO) 4.6 mg/Kg 1 Surr: BFB 91.8 70-130 %Rec 1 10/12/2021 5:58:00 PM 63174 Analyst: mb **EPA METHOD 8021B: VOLATILES** 10/12/2021 5:58:00 PM 63174 ND 0.023 Benzene mg/Kg 10/12/2021 5:58:00 PM 63174 Toluene ND 0.046 mg/Kg 1 mg/Kg Ethylbenzene ND 0.046 1 10/12/2021 5:58:00 PM 63174 ND 0.091 mg/Kg 10/12/2021 5:58:00 PM 63174 Xylenes, Total 10/12/2021 5:58:00 PM 63174 76.8 70-130 %Rec Surr: 4-Bromofluorobenzene

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quantitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range E
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 46 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: E.SW-1 5-7'

Project: Red Tank 4 Fed 1 Collection Date: 10/5/2021 12:00:00 PM

Lab ID: 2110477-047 Matrix: SOIL Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	10/11/2021 7:32:30 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/11/2021 2:22:46 PM	63186
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 2:22:46 PM	63186
Surr: DNOP	114	70-130	%Rec	1	10/11/2021 2:22:46 PM	63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 6:17:00 PM	63174
Surr: BFB	91.9	70-130	%Rec	1	10/12/2021 6:17:00 PM	63174
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 6:17:00 PM	63174
Toluene	ND	0.048	mg/Kg	1	10/12/2021 6:17:00 PM	63174
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 6:17:00 PM	63174
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2021 6:17:00 PM	63174
Surr: 4-Bromofluorobenzene	75.3	70-130	%Rec	1	10/12/2021 6:17:00 PM	63174

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 47 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project:

Lab ID:

2110477-048

Red Tank 4 Fed 1

Matrix: SOIL

Client Sample ID: E.SW-2 10'

Collection Date: 10/6/2021 11:20:00 AM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	81	60	mg/Kg	20	10/11/2021 7:44:55 PM	6319 1
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/11/2021 2:46:56 PM	63186
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 2:46:56 PM	63186
Surr: DNOP	97.9	70-130	%Rec	1	10/11/2021 2:46:56 PM	63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2021 7:16:00 PM	63174
Surr: BFB	86.5	70-130	%Rec	1	10/12/2021 7:16:00 PM	63174
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.025	mg/Kg	1	10/12/2021 7:16:00 PM	63174
Toluene	ND	0.049	mg/Kg	1	10/12/2021 7:16:00 PM	63174
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2021 7:16:00 PM	63174
Xylenes, Total	ND	0.098	mg/Kg	1	10/12/2021 7:16:00 PM	63174
Surr: 4-Bromofluorobenzene	80.7	70-130	%Rec	1	10/12/2021 7:16:00 PM	63174

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level,
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 48 of 65

Lab Order **2110477**

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2110477-049

Client Sample ID: E.SW-3 10'

Collection Date: 10/6/2021 12:00:00 PM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS		3100			Analys	t: VP
Chloride	ND	60	mg/Kg	20	10/11/2021 7:57:19 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	: SB
Diesel Range Organics (DRO)	ND	9,6	mg/Kg	1	10/11/2021 3:11:06 PM	63186
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/11/2021 3:11:06 PM	63186
Surr: DNOP	107	70-130	%Rec	1	10/11/2021 3:11:06 PM	63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst	:: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 7:36:00 PM	63174
Surr: BFB	93.8	70-130	%Rec	1	10/12/2021 7:36:00 PM	63174
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 7:36:00 PM	63174
Toluene	ND	0.048	mg/Kg	1	10/12/2021 7:36:00 PM	63174
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 7:36:00 PM	63174
Xylenes, Total	ND	0.096	mg/Kg	1	10/12/2021 7:36:00 PM	63174
Surr: 4-Bromofluorobenzene	77.7	70-130	%Rec	1	10/12/2021 7:36:00 PM	63174

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 49 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Red Tank 4 Fed 1

2110477-050

Project:

Lab ID:

Client Sample ID: E.SW-4 3'

Collection Date: 10/6/2021 12:15:00 PM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: VP
Chloride	160	61		mg/Kg	20	10/11/2021 8:34:33 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analyst	: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/11/2021 3:35:10 PM	63186
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/11/2021 3:35:10 PM	63186
Surr: DNOP	95.2	7 0 -130		%Rec	1	10/11/2021 3:35:10 PM	63186
EPA METHOD 8015D: GASOLINE RANGE						Analyst	mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/12/2021 7:56:00 PM	63174
Surr: BFB	86.9	70-130		%Rec	1	10/12/2021 7:56:00 PM	63174
EPA METHOD 8021B: VOLATILES						Analyst:	mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 7:56:00 PM	63174
Toluene	ND	0.048		mg/Kg	1	10/12/2021 7:56:00 PM	63174
Ethylbenzene	ND	0.048		mg/Kg	1	10/12/2021 7:56:00 PM	63174
Xylenes, Total	ND	0.097		mg/Kg	1	10/12/2021 7:56:00 PM	63174
Surr: 4-Bromofluorobenzene	80.5	70-130		%Rec	1	10/12/2021 7:56:00 PM	63174

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 50 of 65

Analytical Report
Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: W.SW-1 5-7'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/5/2021 1:00:00 PM

 Lab ID:
 2110477-051
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	85	60	mg/Kg	20	10/11/2021 9:11:47 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/11/2021 3:59:18 PM	63186
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/11/2021 3:59:18 PM	63186
Surr: DNOP	123	70-130	%Rec	1	10/11/2021 3:59:18 PM	63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	N D	4.9	mg/Kg	1	10/12/2021 8:15:00 PM	63174
Surr: BFB	91.4	70-130	%Rec	1	10/12/2021 8:15:00 PM	63174
EPA METHOD 8021B: VOLATILES					Analyst	: mb
Benzene	N D	0.025	mg/Kg	1	10/12/2021 8:15:00 PM	63174
Toluene	ND	0.049	mg/Kg	1	10/12/2021 8:15:00 PM	63174
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2021 8:15:00 PM	63174
Xylenes, Total	ND	0.098	mg/Kg	1	10/12/2021 8:15:00 PM	63174
Surr: 4-Bromofluorobenzene	75.1	70-130	%Rec	1	10/12/2021 8:15:00 PM	63174

 $Refer \ to \ the \ QC \ Summary \ report \ and \ sample \ login \ checklist \ for \ flagged \ QC \ data \ and \ preservation \ information.$

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- QL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 51 of 65

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Red Tank 4 Fed 1

Lab ID: 2110477-052

Client Sample ID: W.SW-2 10'

Collection Date: 10/6/2021 1:05:00 PM

Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Bateh
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	180	60	mg/Kg	20	10/12/2021 1:52:50 PM	63203
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: S B
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	10/11/2021 4:47:30 PM	1 63186
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/11/2021 4:47:30 PM	1 63186
Surr: DNOP	97.9	70-130	%Rec	1	10/11/2021 4:47:30 PM	63186
EPA METHOD 8015D: GASOLINE RANGE					Analys	: mb
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2021 8:35:00 PM	63174
Surr: BFB	90.3	70-130	%Rec	1	10/12/2021 8:35:00 PM	63174
EPA METHOD 8021B: VOLATILES					Analyst	:: mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 8:35:00 PM	63174
Toluene	ND	0.048	mg/Kg	1	10/12/2021 8:35:00 PM	63174
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2021 8:35:00 PM	63174
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2021 8:35:00 PM	63174
Surr: 4-Bromofluorobenzene	81.4	70-130	%Rec	1	10/12/2021 8:35:00 PM	63174

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 52 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: W.SW-3 10'

 Project:
 Red Tank 4 Fed 1
 Collection Date: 10/6/2021 1:10:00 PM

 Lab ID:
 2110477-053
 Matrix: SOIL
 Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	79	60	mg/Kg	20	10/12/2021 2:05:11 PM	63203
EPA METHOD 8015M/D: DIESEL RANGE OI	RGANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/11/2021 5:11:37 PM	63186
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/11/2021 5:11:37 PM	63186
Surr: DNOP	125	70-130	%Rec	1	10/11/2021 5:11:37 PM	63186
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	10/12/2021 8:55:00 PM	63174
Surr: BFB	89.0	70-130	%Rec	1	10/12/2021 8:55:00 PM	63174
EPA METHOD 8021B: VOLATILES					Analyst	mb
Benzene	ND	0.024	mg/Kg	1	10/12/2021 8:55:00 PM	63174
Toluene	ND	0.047	mg/Kg	1	10/12/2021 8:55:00 PM	63174
Ethylbenzene	ND	0.047	mg/Kg	1	10/12/2021 8:55:00 PM	63174
Xylenes, Total	ND	0.095	mg/Kg	1	10/12/2021 8:55:00 PM	63174
Surr: 4-Bromofluorobenzene	81.6	70-130	%Rec	1	10/12/2021 8:55:00 PM	63174

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 53 of 65

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: W.SW-4 4'

Project: Red Tank 4 Fed 1 Collection Date: 10/6/2021 1:15:00 PM

Lab ID: 2110477-054 Matrix: SOIL Received Date: 10/8/2021 7:35:00 AM

Analyses	Result	RL	Qual U	nits	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	JMT
Chloride	290	59	m	ıg/Kg	20	10/12/2021 2:17:33 PM	63203
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst:	SB
Diesel Range Organics (DRO)	ND	9.7	m	g/Kg	1	10/11/2021 5:35:51 PM	63186
Motor Oil Range Organics (MRO)	ND	49	m	ıg/Kg	1	10/11/2021 5:35:51 PM	63186
Surr: DNOP	102	70-130	%	Rec	1	10/11/2021 5:35:51 PM	63186
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	mb
Gasoline Range Organics (GRO)	ND	4.8	m	g/Kg	1	10/12/2021 9:14:00 PM	63174
Surr: BFB	91.1	70-130	%	Rec	1	10/12/2021 9:14:00 PM	63174
EPA METHOD 8021B: VOLATILES						Analyst:	mb
Benzene	ND	0.024	m	g/Kg	1	10/12/2021 9:14:00 PM	63174
Toluene	ND	0.048	m	g/Kg	1	10/12/2021 9:14:00 PM	63174
Ethylbenzene	ND	0.048	m	g/Kg	1	10/12/2021 9:14:00 PM	63174
Xylenes, Total	ND	0.096	m	g/Kg	1	10/12/2021 9:14:00 PM	63174
Surr: 4-Bromofluorobenzene	81.5	70-130	%	Rec	1	10/12/2021 9:14:00 PM	63174

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 8 % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 54 of 65

OC SUMMARY REPORT

🔻 Hall Environmental Analysis Laboratory, Inc.

WO#: 2110477 15-Oct-21

Client:	
Project:	

Talon Artesia Red Tank 4 Fed 1

Sample ID: MB-63179

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 63179

1.5

RunNo: 81936

Analysis Date: 10/10/2021 Prep Date: 10/10/2021

SeqNo: 2900275 Units: mg/Kg

Analyte

Result **PQL** SPK value SPK Ref Val %REC LowLimit

HighLimit

RPDLimit

Qual

Chloride

ND

Sample ID: LCS-63179

SampType: Ics

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 63179

RunNo: 81936

Prep Date: 10/10/2021

Analysis Date: 10/10/2021

SegNo: 2900276

Units: mg/Kg

Analyte

15.00

SeqNo: 2901165

HighLimit

RPDLimit Qual

PQL 14 1.5

SPK value SPK Ref Val %REC 93.2

LowLimit 90 %RPD

%RPD

Chloride

Sample ID: MB-63189

Prep Date: 10/11/2021

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 63189

Analysis Date: 10/11/2021

RunNo: 81953

110

Units: mg/Kg

Analyte

ND

PQL

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD

RPDLimit Qual

Chloride

1.5

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Sample ID: LCS-63189

Batch ID: 63189

RunNo: 81953

HighLimit

Prep Date: 10/11/2021

110

Analysis Date: 10/11/2021

SeqNo: 2901166

Analyte

Result

Units: mg/Kg

Chloride

PQL 1.5 15.00

SPK value SPK Ref Val %REC 94.3

LowLimit 90 %RPD

RPDLimit Qual

Sample ID: MB-63191

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS Prep Date: 10/11/2021

Batch ID: 63191 Analysis Date: 10/11/2021 RunNo: 81953

Units: mg/Kg

Analyte Chloride

Result ND 1.5

PQL SPK value SPK Ref Val %REC LowLimit

SeqNo: 2901196

%RPD HighLimit

RPDLimit

Qual

Sample ID: LCS-63191

SampType: LCS Batch ID: 63191

POL

1.5

TestCode: EPA Method 300.0: Anions RunNo: 81953

94.1

110

Qual

Analyte thloride

Client ID: LCSS

Prep Date: 10/11/2021

Analysis Date: 10/11/2021

Result

14

SPK value SPK Ref Val

15.00

SeqNo: 2901197

%REC

LowLimit

90

Units: mg/Kg %RPD HighLimit

RPDLimit

Qualifiers:

Value exceeds Maximum Contaminant Level.

Not Detected at the Reporting Limit

Sample Diluted Due to Matrix

Practical Quanitative Limit

Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

Value above quantitation range Analyte detected below quantitation limits

RLReporting Limit

Analyte detected in the associated Method Blank

Sample pH Not In Range

Page 55 of 65

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

2110477

15-Oct-21

Client:

Talon Artesia

Project:

Red Tank 4 Fed 1

Sample ID: MB-63203

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 63203

RunNo: 81980

Prep Date: 10/11/2021

Sample ID: LCS-63203

Analysis Date: 10/12/2021

SeqNo: 2903835

Units: mg/Kg

Analyte

Result **PQL**

HighLimit

%RPD **RPDLimit**

Qual

Chloride

ND

SampType: Ics

TestCode: EPA Method 300.0: Anions

RunNo: 81980

SPK value SPK Ref Val %REC LowLimit

Prep Date: 10/11/2021

Client ID: LCSS

Batch ID: 63203 Analysis Date: 10/12/2021

SeqNo: 2903836

Units: mg/Kg

RPDLimit

Analyte

PQL SPK value SPK Ref Val %REC

15.00

94.3

HighLimit

%RPD

Chloride

Result

14

1.5

90

LowLimit

110

. 1/20/2022 7:06:31 AM
* Value * Value

Value exceeds Maximum Contaminant Level

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range Е

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 56 of 65

QC SUMMARY Hall Environment	al Anal	ysis l	Laborat	ory, Inc.		<u> </u>			WO#:	211047 <i>15-Oct-2</i>
Client: Talon An Project: Red Tan	rtesia k 4 Fed 1	11 m				,				
Sample ID: 2110477-001AMS	SampT	уре: М	s	Те	stCode: E	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: S-1	Batcl	h ID: 63	182		RunNo: 8	1947				
Prep Date: 10/10/2021	Analysis D	Date: 1	0/11/2021		SeqNo: 2	900974	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	9.5	47.57	0	103	39.3	155			
Surr: DNOP	5.3		4.757		111	70	130			
Sample ID: 2110477-001AMS	D SampT	ype: MS	S D	Te	stCode: E	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: S-1	Batch	n ID: 63	182		RunNo: 8	1947				
Prep Date: 10/10/2021	Analysis D	ate: 10	0/11/2021		SeqNo: 2	900975	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.2	45.91	0	103	39.3	155	3.59	23.4	
Sum: DNOP	5.0		4.591		108	70	130	0	0	
Sample ID: LCS-63182	SampT	ype: LC	:S	Tes	stCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS	Batch	ID: 63	182		RunNo: 8	1947				
Prep Date: 10/10/2021	Analysis D	ate: 10)/11/2021		SeqNo: 2	900985	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	111	68.9	135			
Surr: DNOP	5.8		5.000		116	70	130			
Sample ID: MB-63182	SampT	ype: ME	BLK	Tes	tCode: El	A Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	ID: 63 ′	182	i	RunNo: 8	1947				
Prep Date: 10/10/2021	Analysis D	ate: 10)/11/2021	;	SeqNo: 29	900986	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
vlotor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		118	70	130			
Sample ID: 2110477-038AMS	SampT	ype: MS	}	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: S-38 3'	Batch	ID: 631	186	·	RunNo: 8	1963				

Surr: DNO:

Analyte

Surr: DNOP

Diesel Range Organics (DRO)

- Value exceeds Maximum Contaminant Level.
 - Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
 - Not Detected at the Reporting Limit

 - % Recovery outside of range due to dilution or matrix

Result

46

4.9

PQL

9.8

SPK value SPK Ref Val

49.02

4.902

Analyte detected in the associated Method Blank

%REC

93.5

100

LowLimit

39.3

70

- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

0

Page 57 of 65

%RPD

HighLimit

155

130

RPDLimit

Qual

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:

2110477

15-Oct-21

Client:

Talon Artesia

Project:

Red Tank 4 Fed 1

oumple ib.	2110477-038AMS	ט Samp	Type: M	SD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID:	S-38 3'	Bato	th ID: 63	186		RunNo: 8	1963						
Prep Date:	10/10/2021	Analysis	Date: 1	0/11/2021		SeqNo: 2	901746	Units: mg/k	⟨g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Or	rganics (DRO)	49	9.9	49.31	0	99.1	39.3	155	6.45	23.4			
Surr: DNOP		5.2		4.931		105	70	130	0	0			
Sample ID: I	VIB-63186	Samp	Гуре: МІ	BLK	Te	stCode: E	PA Method	8015M/D: Di	esel Rang	e Organics			
Client ID: F	PBS	Bato	h ID: 63	186		RunNo: 8	1963						
Prep Date:	10/10/2021	Analysis [Date: 10	0/11/2021		SeqNo: 2	901767	Units: mg/F	(g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
iesel Range Or	ganics (DRO)	ND	10										
lotor Oil Range	Organics (MRO)	ND	50										
Sun: DNOP		9.6		10.00		95.9	70	130					
Sample ID: L	CS-63186	Samp	iype: LC	s	Tes	stCode: E	PA Method	8015M/D: Die	esel Rang	e Organics			
Client ID: L	.css	Batc	h ID: 63	186	1	RunNo: 8	1963						
Prep Date:	10/10/2021	Analysis [) Date: 10)/11/2021	;	SeqNo: 2	901768	Units: mg/K	(g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
iesel Range Org	ganics (DRO)	46	10	50.00	0	92.7	68.9	135					
Surr: DNOP		4.8		5.000		96.1	70	130					
Sample ID: L	.CS-63183	Samp1	ype: LC	s	Tes	tCode: El	PA Method	8015M/D; Die	esel Rang	e Organics			
Client ID: L	.css	Batch ID: 63183			RunNo: 81947								
Prep Date:	10/10/2021	Analysis E) ate: 10)/11/2021	;	SeqNo: 2	901839	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
iesel Range Org	janics (DRO)	56	10	50.00	0	111	68.9	135			**		
Surr: DNOP		6.1		5.000		121	70	130					
Sample ID: N	1B-63183	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics			
Client ID: P	BS	Batch	n ID: 63 1	183	F	RunNo: 8	1947						
Prep Date:	10/10/2021	Analysis D	ate: 10	/11/2021	(SeqNo: 29	901840	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
ocal Ranga Oro	janics (DRO)	ND	10					<u> </u>					
otor Oil Range (Organics (MRO)	ND	50										
Sun: DNOP		10		10.00		103	70	130					
ualifiers:													
ualifiers:					D Appled 5	tootad in the co	sociated Method	Riani-					
D Sample Dilu H Holding tim ID Not Detecte QL Practical Qu	eds Maximum Contaminant sted Due to Matrix ses for preparation or analy ed at the Reporting Limit sanitative Limit y outside of range due to di	rsis exceeded			E Value abov J Analyte de	ve quantitation tected below q Not In Range		DIANA		Page 58 of	65		

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range

QC SUMMARY REPORT

🏅 Hall Environmental Analysis Laboratory, Inc.

WO#:

2110477

15-Oct-21

Client: Project: Talon Artesia Red Tank 4 Fed 1

TestCode: EPA Method 8015D: Gasoline Range Sample ID: mb-63172 SampType: MBLK Client ID: Batch ID: 63172 RunNo: 81952 SeqNo: 2901096 Units: mg/Kg Prep Date: 10/9/2021 Analysis Date: 10/11/2021 SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual PQL Analyte Result Gasoline Range Organics (GRO) ND 5.0 70 Surr: BFB 970 1000 97.5 130 TestCode: EPA Method 8015D: Gasoline Range SampType: LCS Sample ID: Ics-63172 Batch ID: 63172 RunNo: 81952 Client ID: LCSS SeqNo: 2901097 Analysis Date: 10/11/2021 Units: mg/Kg Prep Date: 10/9/2021 %RPD **RPDLimit** Qual SPK value SPK Ref Val %REC LowLimit HighLimit Result PQL Analyte 5.0 25.00 0 107 78.6 131 Gasoline Range Organics (GRO) 27 130 Sum: BFB 1100 1000 105 70 TestCode: EPA Method 8015D: Gasoline Range Sample ID: 2110477-018ams SampType: MS RunNo: 81952 Client ID: S-18 3-4' Batch ID: 63172 SeqNo: 2901099 Units: mg/Kg Analysis Date: 10/11/2021 Prep Date: 10/9/2021 PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Result Analyte 102 61.3 114 25 ٥ 4.9 24.68 Gasoline Range Organics (GRO) 987.2 105 70 130 1000 Sum: BFB TestCode: EPA Method 8015D: Gasoline Range Sample ID: 2110477-018amsd SampType: MSD Client ID: S-18 3-4' Batch ID: 63172 RunNo: 81952 Analysis Date: 10/11/2021 SeqNo: 2901100 Units: mg/Kg Prep Date: 10/9/2021 HighLimit %RPD **RPDLimit** Qual Result PQL. SPK value SPK Ref Val %REC LowLimit Analyte 24.22 61.3 114 5.08 20 Gasoline Range Organics (GRO) 24 4.8 99.0 130 0 Surr: BFB 969.0 107 70 1000 TestCode: EPA Method 8015D: Gasoline Range Sample ID: mb-63161 SampType: MBLK Client ID: PBS Batch ID: 63161 RunNo: 81954 Prep Date: 10/8/2021 Analysis Date: 10/11/2021 SeqNo: 2901240 Units: %Rec

Sample II	D: mb-6316	8

SampType: MBLK

Result

990

70 TestCode: EPA Method 8015D: Gasoline Range

LowLimit

Client ID: **PBS** Batch ID: 63168

RunNo: 81954

Prep Date: 10/8/2021

PQL

SeqNo: 2901241

%REC

98.6

Units: mg/Kg Analysis Date: 10/12/2021

SPK value SPK Ref Val

1000

PQL Result 5.0

HighLimit

130

%RPD

Sasoline Range Organics (GRO) ND SPK value SPK Ref Val %REC LowLimit

HighLimit %RPD

RPDLimit

RPDLimit Qual

Qual

Analyte

Analyte

Surr: BFB

Qualifiers:

Value exceeds Maximum Contaminant Level

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range Reporting Limit

Page 59 of 65

QC SUMMARY REPORT

🏅 Hall Environmental Analysis Laboratory, Inc.

WO#:

2110477

15-Oct-21

Qual

Client: Project: Talon Artesia Red Tank 4 Fed 1

Sample ID: mb-63168

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

Client iD: PBS Batch ID: 63168

RunNo: 81954

LowLimit

Prep Date: 10/8/2021 Analysis Date: 10/12/2021

SeqNo: 2901241 Units: mg/Kg

Analyte Surr: BFB Result PQL SPK value SPK Ref Val

HighLimit

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

Sample ID: Ics-63161 LCSS Client ID:

Batch ID: 63161

RunNo: 81954

%REC

130

Prep Date: 10/8/2021 Analysis Date: 10/11/2021

SeqNo: 2901242

Units: %Rec

Analyte

PQL

%RPD

RPDLimit %RPD Qual

Surr: BFB

Result 1100

1000

1000

SPK value SPK Ref Val %REC 106

LowLimit HighLimit 70 130

RPDLimit

TestCode: EPA Method 8015D: Gasoline Range

0

Sample ID: Ics-63168 Client ID: LCSS

SampType: LCS

RunNo: 81954

Prep Date: 10/8/2021

Batch ID: 63168 Analysis Date: 10/12/2021

SeqNo: 2901243

Units: mg/Kg

Gasoline Range Organics (GRO)

Result PQL SPK value SPK Ref Val

%REC LowLimit

RPDLimit %RPD Qual HighLimit

Surr: BFB

25.00 25 5.0 1100 1000

101 78.6 106 70 131 130

Sample ID: 2110477-038ams

SampType: MS

28

1000

Result

1000

Client ID: S-38 3'

Batch ID: 63174

RunNo: 81968

Prep Date: 10/9/2021

4.7

SeqNo: 2902617

Units: ma/Ka

114

130

Analyte

Analysis Date: 10/12/2021

23.63

945.2

23.99

959.7

%REC

Gasoline Range Organics (GRO)

Result PQL SPK value SPK Ref Val

119

109

HighLimit

%RPD **RPDLimit** Qual

Sum: BFB Sample ID: 2110477-038amsd

SampType: MSD

TestCode: EPA Method 8015D: Gasoline Range

LowLimit

61.3

70

Client ID: S-38 3'

Batch ID: 63174

PQL

4.8

RunNo: 81968

LowLimit

61.3

70

TestCode: EPA Method 8015D: Gasoline Range

114

130

20

0

Analyte

Prep Date: 10/9/2021 Analysis Date: 10/12/2021

SPK value SPK Ref Val

0

%REC

SeqNo: 2902618

113

105

Units: mg/Kg

HighLimit

4.38

%RPD

RPDLimit

Surr: BFB

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

%REC

Sample ID: mb-63174 Client ID: PBS

Batch ID: 63174

RunNo: 81968

LowLimit

HighLimit

Prep Date: 10/9/2021

Analysis Date: 10/12/2021

Result

SeqNo: 2902623

Units: mg/Kg

%RPD

RPDLimit

Qual

Released to Imaging: 1/27/2022 7:53:29 AM

Qual

asoline Range Organics (GRO) Surr: BFB

ND 5.0 890

PQL

1000

SPK value SPK Ref Val

89.0

70

130

Sum: BFB

ualifiers:

Value

Value

Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit

Practical Quanitative Limit % Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range Analyte detected below quantitation limits

Sample pH Not In Range Reporting Limit

Page 60 of 65

Н

Hall Environmental Analysis Laboratory, Inc.

WO#:

2110477

15-Oct-21

Client: Project: Talon Artesia Red Tank 4 Fed 1

Sample ID: Ics-63174

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 63174

RunNo: 81968

Prep Date: 10/9/2021

Analysis Date: 10/12/2021

SeqNo: 2902624

Units: mg/Kg

Analyte

PQL Result 27 5.0

HighLimit SPK value SPK Ref Val %REC LowLimit 108 78.6 131 Gasoline Range Organics (GRO) 25.00 0 102 70 130 1000 1000

1000

1000

1000

Surr: BFB

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

%RPD

Client ID: PBS

Sample iD: mb-63212

Batch ID: 63212

RunNo: 81976

Prep Date:

10/11/2021 Analysis Date: 10/12/2021 SeqNo: 2902815

Units: %Rec

RPDLimit

Analyte Surr: BFB

PQL Result

SPK value SPK Ref Val %REC

LowLimit 94.3 **7**0 HighLimit 130 %RPD **RPDLimit**

Qual

Qual

Sample ID: Ics-63212

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS

Batch ID: 63212

RunNo: 81976

Units: %Rec

Prep Date: 10/11/2021

Analysis Date: 10/12/2021

Result

940

SeqNo: 2902816

Analyte Surr: BFB

PQL 1100 1000

%REC SPK value SPK Ref Val LowLimit 107

HighLimit

130

%RPD **RPDLimit**

Qual

Qual

Sample ID: mb-63214

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

130

Client ID: PBS

Batch ID: 63214

RunNo: 81968

Prep Date: 10/11/2021

Analysis Date: 10/12/2021

SeqNo: 2903036

Units: %Rec

HighLimit

%RPD

Analyte

Result 880

SPK value SPK Ref Val %REC

SPK value SPK Ref Val %REC

%RPD **RPDLimit** Qual

RPDLimit

Surr: BFB

SampType: LCS

PQL

107

87.7

TestCode: EPA Method 8015D: Gasoline Range

Sample ID: Ics-63214 Client ID: LCSS

Prep Date: 10/11/2021

Batch ID: 63214

RunNo: 81968

70

Analyte Surr: BFB Result

1100

Analysis Date: 10/12/2021

SeqNo: 2903040

70

LowLimit

LowLimit

Units: %Rec

HighLimit 130

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range Analyte detected below quantitation limits

Sample pH Not In Range Reporting Limit

Page 61 of 65

. 1/20/2022 7:06:31 AM ND

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

RPDLimit

RPDLimit

2110477

15-Oct-21

Qual

Qual

Client: Project: Talon Artesia

Red Tank 4 Fed 1

Sample ID: mb-63172

SampType: MBLK

Result

0.87

SPK value SPK Ref Val %REC LowLimit

Client ID: PBS Batch ID: 63172

PQL

RunNo: 81952

TestCode: EPA Method 8021B: Volatiles

Prep Date: 10/9/2021 Analysis Date: 10/11/2021

SeqNo: 2901144

Units: mg/Kg

%RPD

%RPD

HighLimit

Benzene Toluene Ethylbenzene

Analyte

ND 0.025 ND 0.050 ND 0.050

ND 0.10

87.1

70

Xylenes, Total Surr: 4-Bromofluorobenzene

Sample ID: LCS-63172

SampType: LCS

1.000

TestCode: EPA Method 8021B: Volatiles RunNo: 81952

Client ID: LCSS

Batch ID: 63172

Prep Date: 10/9/2021 Analysis Date: 10/11/2021

SeqNo: 2901145

Units: mg/Kg

130

Analyte	Result	PQL	SPK value	SPK Ref Vai	%REC	LowLimit	HighLimit
Benzene	0.93	0.025	1.000	0	93.2	80	120
Toluene	0.94	0.050	1,000	0	94.2	80	120
Ethylbenzene	0,93	0.050	1.000	0	93.2	80	120
Xylenes, Total	2.7	0.10	3.000	0	90.5	80	120
Surr: 4-Bromofiuorobenzene	0.86		1.000		86.3	70	130

0.9970

0.9728

SampType: MS TestCode: EPA Method 8021B: Volatiles Sample ID: 2110477-019ams Batch ID: 63172 RunNo: 81952 Client ID: S-19 3-4' Analysis Date: 10/11/2021 SeqNo: 2901148 Units: mg/Kg Prep Date: 10/9/2021 SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual PQL Result Analyte 80 120 0 86.6 0.86 0.025 0.9970 Benzene 80 120 0.050 0 88.1 Toluene 0.88 0.9970 Ethylbenzene 0.88 0.050 0.9970 0 88.3 80 120 0.10 2.991 0 86.7 80 120 2.6 Xylenes, Total

Sample ID:	2110477-019amsd
Client ID:	S-19 3-4'

SampType: MSD

0.88

0.85

TestCode: EPA Method 8021B: Volatiles

70

70

130

130

0

Batch ID: 63172

RunNo: 81952

88.3

Prep Date: 10

Surr: 4-Bromofluorobenzene

Surr: 4-Bromofluorobenzene

Analysis E	Date: 10)/11/2021	S	SeqNo: 2	901149	Units: mg/K	(g			
Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
0.89	0,024	0.9728	0	91.6	80	120	3.14	20		
0.91	0.049	0.9728	0	93.2	80	120	3.19	20		
0.91	0.049	0.9728	0	93.5	80	120	3.23	20		
2.7	0.097	2.918	0	91.2	80	120	2.65	20		
	Result 0.89 0.91 0.91	Result PQL 0.89 0.024 0.91 0.049 0.91 0.049	0.89 0.024 0.9728 0.91 0.049 0.9728 0.91 0.049 0.9728	Result PQL SPK value SPK Ref Val 0.89 0.024 0.9728 0 0.91 0.049 0.9728 0 0.91 0.049 0.9728 0	Result PQL SPK value SPK Ref Val %REC 0.89 0.024 0.9728 0 91.6 0.91 0.049 0.9728 0 93.2 0.91 0.049 0.9728 0 93.5	Result PQL SPK value SPK Ref Val %REC LowLimit 0.89 0.024 0.9728 0 91.6 80 0.91 0.049 0.9728 0 93.2 80 0.91 0.049 0.9728 0 93.5 80	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit 0.89 0.024 0.9728 0 91.6 80 120 0.91 0.049 0.9728 0 93.2 80 120 0.91 0.049 0.9728 0 93.5 80 120	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD 0.89 0.024 0.9728 0 91.6 80 120 3.14 0.91 0.049 0.9728 0 93.2 80 120 3.19 0.91 0.049 0.9728 0 93.5 80 120 3.23	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit 0.89 0.024 0.9728 0 91.6 80 120 3.14 20 0.91 0.049 0.9728 0 93.2 80 120 3.19 20 0.91 0.049 0.9728 0 93.5 80 120 3.23 20	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0.89 0.024 0.9728 0 91.6 80 120 3.14 20 0.91 0.049 0.9728 0 93.2 80 120 3.19 20 0.91 0.049 0.9728 0 93.5 80 120 3.23 20

Qualifiers:

Analyte Benzene

√oluene thylbenzene 🕏

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit % Recovery outside of range due to dilution or matrix Analyte detected in the associated Method Blank

87.3

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 62 of 65

0

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: MBLK

WO#:

2110477

15-Oct-21

Client: Project:

Sample ID: mb-63168

Talon Artesia Red Tank 4 Fed 1

Sample ID: mb-63161	Samp	Гуре: М	BLK	Tes	tCode: E	PA Method	8021B: Vola	tìles			
Client ID: PBS	Batc	h iD: 63	161	F	RunNo: 8	1954					
Prep Date: 10/8/2021	Analysis D	Date: 1	0/11/2021	9	SeqNo: 2	901288	Units: %Re	С			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surc 4-Bromofluorohenzene	0.83		1.000		82.6	70	130				

TestCode: EPA Method 8021B: Volatiles

		-								
Client ID: PBS	Bato	h ID: 63	168	F	Run N o: 8	1954				
Prep Date: 10/8/2021	Analysis [Date: 10)/12/2021	5	SeqNo: 2	901289	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Вепхеле	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.83		1.000		83.1	70	130			

Sample ID: Ics-63161	Samp1	Type: LC	s	Tes	tCode: E	PA Method	8021B: Volat	iles			
Client ID: LCSS	Batc	h ID: 63	161	F	Run N o: 8	1954					
Prep Date: 10/8/2021	Analysis E	Date: 10	0/11/2021	8	SeqNo: 2	901290	Units: %Re	>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 4-Bromofluorohenzene	0.81		1,000		80.8	70	130				

Sample ID: Ics-63168	Samp [*]	Гуре: LC	S	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 63	168	F	RunNo: 8	1954				
Prep Date: 10/8/2021	Analysis [Date: 10)/12/2021	5	SeqNo: 2	901291	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.8	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.5	80	120			
Surr: 4-Bromofluorobenzene	0.88		1.000		87.6	70	130			

Sample ID: 2110477-03 9ams	SampT	ype: MS	3	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: N.SW-1 10'	Batc	h ID: 63	174	F	RunNo: 8	1968				
Prep Date: 10/9/2021	Aπalysis Γ	Date: 10	/12/2021	5	SeqNo: 29	902622	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.023	0.9363	0	101	80	120			
goluene	0.94	0.047	0.9363	0	99.9	80	120			
Ethylbenzene	0.93	0.047	0.9363	0	99.0	80	120			
Xylenes, Total	2.8	0.094	2.809	0	100	80	120			
Value exceeds Maximum Contaminar D Sample Diluted Due to Matrix H Holding times for preparation or analy Not Detected at the Reporting Limit PQI. Practical Quantitative Limit % Recovery outside of range due to a	ysis exceeded			E Value abov J Analyte de	e quantitation tected below q Not In Range	uantitation limits			Page 63 o	f 65

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

OC SUMMARY REPORT

🏅 Hall Environmental Analysis Laboratory, Inc.

WO#:

2110477

15-Oct-21

Client:

Talon Artesia

Project:

Red Tank 4 Fed 1

Sample ID: 2110477-039ams

SampType: MS

TestCode: EPA Method 8021B: Volatiles

Client ID: N.SW-1 10' Batch ID: 63174

RunNo: 81968

Prep Date: 10/9/2021 Analysis Date: 10/12/2021

SeqNo: 2902622

Units: mg/Kg

Analyte

Result

Result

ND

ND

ND

SPK value SPK Ref Val

130

Surr: 4-Bromofluorobenzene

0.70

0.9363

LowLimit

%REC

%RPD HighLimit

SampType: MBLK

PQL

TestCode: EPA Method 8021B: Volatiles

RPDLimit Qual

Sample ID: mb-63174

Batch ID: 63174

Analysis Date: 10/12/2021

PQL

0.025

0.050

0.050

RunNo: 81968

Client ID: Prep Date:

10/9/2021

SPK value SPK Ref Val %REC LowLimit

SeqNo: 2902625

Units: mg/Kg

HighLimit

%RPD

%RPD

RPDLimit

RPDLimit Qual

Qual

Benzene Toluene Ethylbenzene

Analyte

Xylenes, Total Surr: 4-Bromofluorobenzene

ND 0.10 0.83

1.000

83.1

70

130

Sample ID: Ics-63174

SampType: LCS

RunNo: 81968

TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS

Prep Date: 10/9/2021

Batch ID: 63174

Analysis Date: 10/12/2021

SeqNo: 2902626

Units: mg/Kg

%REC HighLimit PQL. SPK value SPK Ref Val LowLimit Analyte Result 80 120 Benzene 0.96 0.025 1.000 Ω 96.3 120 0.050 1.000 0 99.7 80 1.0 Toluene 120 0.93 0.050 1.000 0 93.5 80 Ethylbenzene 0 93.4 80 120 0.10 3.000 2.8 Xylenes, Total 130 1.000 78.2 70 Surr: 4-Bromofluorobenzene 0.78

Sample ID: 2110477-039amsd

SampType: MSD

RunNo: 81968

TestCode: EPA Method 8021B: Volatiles

Client ID:

N.SW-1 10'

Batch ID: 63174

SeqNo: 2902653 Units: mg/Kg Analysis Date: 10/12/2021 Prep Date: 10/9/2021 %RPD **RPDLimit** Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit Qual Analyte 103 80 120 3.25 20 0.9470 0 0.98 0.024 Benzene 102 80 120 3.26 20 0.97 0.047 0.9470 0 Toluene 0.804 20 120 0 98.7 80 Ethylbenzene 0.93 0.047 0.9470 0 97.2 80 120 1.84 20 2.8 0.095 2.841 Xylenes, Total 0 0.73 0.9470 76.9 70 130 O Surr: 4-Bromofluorobenzene

Sample ID: mb-63212

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

Client ID: PBS

Prep Date: 10/11/2021

Batch ID: 63212

Result

Analysis Date: 10/12/2021

SeqNo: 2902862

Units: %Rec HighLimit

%RPD

RPDLimit

Qual

Analyte

Qualifiers: Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

RunNo: 81976

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range RL Reporting Limit

SPK value SPK Ref Val %REC LowLimit

Page 64 of 65

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

RPDLimit

RPDLimit

2110477

15-Oct-21

Qual

Qual

Client: Project:

Analyte

Talon Artesia Red Tank 4 Fed 1

Sample ID: mb-63212

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

Client ID: PBS

Batch ID: 63212

Result

0.85

RunNo: 81976

Prep Date: 10/11/2021 Analysis Date: 10/12/2021

PQL

SeqNo: 2902862

Units: %Rec

%RPD

%RPD

SPK value SPK Ref Val %REC HighLimit LowLimit 84.5 70

Surr: 4-Bromofluorobenzene Sample ID: LCS-63212

SampType: LCS

TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS

Batch ID: 63212

RunNo: 81976

Prep Date: 10/11/2021

Analysis Date: 10/12/2021

SeqNo: 2902863

Units: %Rec

HighLimit

PQL SPK value SPK Ref Val %REC LowLimit Result Analyte 130 1.000 0.88 70 Surr: 4-Bromofluorobenzene 0.88

Sample ID: mb-63214

SampType: MBLK

TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 63214

RunNo: 81968

Prep Date: 10/11/2021

Analysis Date: 10/12/2021

SeqNo: 2903043

Units: %Rec

130

Surr: 4-Bromofluorobenzene 0.82 SPK value SPK Ref Val

1.000

82.1

HighLimit %RPD

RPDLimit Qual

Sample ID: Ics-63214

Client ID: LCSS

SampType: LCS

TestCode: EPA Method 8021B: Volatiles

%REC

RunNo: 81968

LowLimit

Prep Date: 10/11/2021

Batch ID: 63214 Analysis Date: 10/12/2021

PQL.

SeqNo: 2903046

Units: %Rec

%RPD **RPDLimit** Qual

Analyte Surr: 4-Bromofluorobenzene Result 0.82

Result

1.000

SPK value SPK Ref Val

%REC 81.9

70

70

HighLimit 130

Value exceeds Maximum Contaminant Level

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range Е

Analyte detected below quantitation limits

Sample pH Not In Range RL

Reporting Limit

Page 65 of 65

: 1/20/2022 7:06:31 AM

Hall Environmental Analysis Laboratory 1901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Desir I bu					RcptN	
Received By:	Cheyenne Cason	10/8/2021 7:35:00	АМ	Charl		
Completed By:	Isalah Ortiz	10/8/2021 8:00:17	АМ) £	
Reviewed By:	12 10(8-)21					
Chain of Custo	<u>odv</u>					
1. Is Chain of Cust	tody complete?		Yes 🗸	No 🗌	Not Present 🗌	
2. How was the sa	imple delivered?		Courier			
Log In 3. Was an attempt	made to cool the samples	?	Yes 🔽	No 🗌	na 🗆	
4. Were all sample:	s received at a temperature	of >0° C to 6.0°C	Yes 🗸	No 🗌	NA 🗆	
5. Sample(s) in pro	per container(s)?		Yes 🗹	No 🗌		
6. Sufficient sample	volume for indicated test(s)?	Yes 🔽	No 🗆		
7. Are samples (exc	cept VOA and ONG) prope	ly preserved?	Yes 🗸	No 🗀		
8. Was preservative	added to bottles?		Yes 🗌	No 🔽	NA 🗌	
∂. Received at least	: 1 vial with headspace <1/-	I" for AQ VOA?	Yes 🗌	No 🗌	NA 🗸	
(), Were any sample	e containers received broke	en?	Yes □	No 🗹	# of preserved	
Does paperwork r (Note discrepanci	match bottle labels? ies on chain of custody)		Yes 🗸	No 🗆	bottles checked for pH:	r>12 unless noted)
	ectly identified on Chain of	Custody?	Yes 🗸	No 🗆	Adjusted?	,
3, Is it clear what an	alyses were requested?		Yes 🗸	No 🗆		11 do 1 . 1 .
	imes able to be met? omer for authorization.)		Yes 🗸	No 🗆	Checked by:	KYG 10/08
pecial Handling	ı (if applicable)					
5. Was client notifie	d of all discrepancies with	this order?	Yes 🗌	No 🗌	NA 🔽	
Person Not	ified:	Date:				
By Whom:	At the state of th	Via:	☐ eMail ☐ P	hone 🔲 Fax	☐ In Person	
Regarding: Client Instru	rctions	tan managan managan menganan		ender of the results of the first of the		
6. Additional remark						
7. <u>Cooler Informat</u> Cooler No T		eal Intact Seal No	Seal Date	Signed By		
1 1.3		Present				

Kecen(ed & ST	Total	Recentation of Custody Record	Turn-Around Time: 4-Day	Page 153 of 310
Client: Talo	Talon LPE		□ Standard □ Rish ¹⁰ 2	HALL ENVIRONMENTAL
	***************************************			ANALYSIS LABORATORY
Mailing Address:	ess:	408 W. Texas Ave	Red Tank 4 Fed 1 (Red Tank)	www.hallenvironmental.com
Artesia, NM	88210		Project #:	nawkins NE - Albuqu
Phone #:	575.746.8768	5.8768	701162.112.01	1e. 505-345-3975 Fax 505-345-4107
email or Fax#;	并		Project Manager:	
QA/QC Package:	ige:	TATALON TO THE PARTY OF THE PAR		
☐ Standard	***************************************	☐ Level 4 (Full Validation)	R.Pons	O
Accreditation:		npliance	: M.Collier	<u> </u>
□ EDD (Type)	_	THE PARTY OF THE P	# of Coolers:	0
		The state of the s	(final using CF). $(7-6)$	
Date Time	e Matrix	Sample Name	Container Preservative HEAL No. 17 Type and # Type	о ф о ф о ф о ф о ф о ф о ф о ф о ф о ф
10/5/2021 10:00	oo Soil	S-1 5'	- 3	×
(10:05)5 (S-2 5'	750	
10:10	10	S-3 5'	200	
10:15	15	S-4 7'	28	
10/6/2021 8:30	0	S-5 10'	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
/ 8:35	5	S-6 10'		
8:40	<i>/</i> 0:	S-7 10'		
8:45	5	S-8 10'	8W	
8:50	0	S-9 10'	500	
8:55	5	S-10 3-4"		
00:6	0	S-11 3-4'	170	
	5	S-12 3-4'	7/0	
Date: Time;	<u>~</u>	ned by:	eived by: Via: Date Time	Remarks:
		K	\preceq	
2 5. C.	Zeige C		Received by: Via: C Date Time	
1/21/1/400	500		Cu (Bu 1018/4 0735	
i nores	tra solution vies			

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the anelytical report.

	G .		centerial of Custody Record	l urn-Around Time:	' Time:	4-Day					ruge 134 of 310
Slient:	Taion LPE	DE I		☐ Standard	d □ Rush		•			HALL ENVIRONMENTAL	
				Project Name:	.i.					MINITARY LABORALORY	
/lailing	Aailing Address:	75	408 W. Texas Ave	Red Tank 4	Fed 1 (Red 1	ank)		49	T Hay	www.nallenvironmental.com	
Artesia, NM		88210		Project #:	Project #:	,			יי אר		
hone #:	#	575.746.8768	.8768		701162,112,01	.01			i. 000-	45-59/5 Fax 505-345-4107	
mail o	mail or Fax#:			Project Manager:	ager:						
JA/QC	1A/QC Package:				1						
Star	Standard		☐ Level 4 (Full Validation)		R.Pons				U		
Accred	Accreditation:	🗆 Az Co	□ Az Compliance	Sampler:	M.Collier						
D NELAC	AC	□ Other		On Ice:	∑ Yes	ON 🗆			(
	EDD (Type)			# of Coolers:	,						
				Cooler Temp(maluding cF);	O(including CF): (1-20-2	1	В			
4	į-			Container	Preservative		I No.	<u> </u>	Φ σ		
Jare	ime ime	Matrix		Type and #	Type	しし りって			S		
0/6/2021	9:10	Soil	S-13 3-4'	Glass/ 1	Ice/Cool		013	×	×		
0/5/2021	10:20		S-14 3-4'		/		7	/			
	10:25	·*************************************	S-15 3-4'				0.10				
-	10:30		S-16 3-4'				2/2				
	10:45		S-17 3-4'				017		-		
	10:50		S-18 3.4'				- X/-(-)				
	10:55		S-19 3.4'				0/2				
1	11:00	/	S-20 3-4'				020				
	11:05	/	S-21 3-4'				2 2	-	-		
	11:10		S-22 3-4'				27.7		-		
	9:10		S-23 3-4'				720				
~~.	9;15		S-24 3-4"				200				
ate:	Time:	Relinquished by:	ed by:	Received by:	Via:	Date	Time	Remarks:	 - 		
		Z	1 Cld		. /	10/1/2	0 =				
ate:	Time:	Relinquished by:	ed by:	Received by:	Via:	Date	Time				
6119	(400			Çne	Carrow 10/8/4 0735	10/8/4	0735				

If necessary, samples submitted to Hall Etwirdnmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Kecemen and		Recently Record	Turn-Around Tin	ime: 4-Day		rage 133 of 310
Client: Talo	Talon LPE		□ Standard	16/6/01 nsn8 0		HALL ENVERONMENTAL
			Project Name:	AND THE PROPERTY OF THE PROPER		ANALISIS FABORATORY
Mailing Address:	ess:	408 W. Texas Ave	Red Tank 4 Fed	1 (Red Tank)	4901 H2	www.nallenvironmental.com
Artesia, NM	88210		Project #:		01 10 T	
Phone #.	575.746.8768	5.8768	70	701162.112.01	. e. 500	-345-3975 Fax 505-345-4107
email or Fax#;	#		Project Manager:			
QA/QC Package:	ige:		,			
□ Standard		☐ Level 4 (Full Validation)	R.I	R.Pons	O	
Accreditation:		Az Compliance		M.Collier		
	U Utner		On Ice:	Yes 🔝 No	· 0	
L EDD (1ype))e)	***************************************	# of Coolers: () 1	
			Cooler Temp _(including cF) ;	ding CF). [_7-C=_1.7		
Date Time	e Matrix	Sample Name	Container Type and # Ty	Preservative HEAL No. Type	w o c L L l K Ш H	
10/6/2021 9:15	Soil	S-25 3-4'	1		×	
02:6 /	/ 02	S-26 3-4'				
9:25	25 (S-27 3-4'		07.7		
08:30	30	S-28 3-4'		078	 	
) 9:50	20	S-29 3-4'		520		
) 9:55	()	S-30 3-4'		0.50		
/ 10:00	/ 00	S-31 3-4'		220		
10:05	05 /	S-32 3-4'		72 (
(10:10	10 (S-33 3-4'		623		
10:15	15	S-34 3-4'		0.34		
) 10:20	20 \	S-35 3-4'		0.35		
	55	S-36 3'	-			
Date: Time;	Relinquished by:	hed by:		Via: Date Time	Remarks:	
		1 Cla	3	M 101 121 1110		
Vol	Relinduished by:	hed by:	Received by: V	ia: ¼ . Date Time		
17/M 1900	OGA		Cere Co	2200 10/8/0 CT35		
15 2000	or released territ)				

If necessary, samples submitted to Hall Enteronmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Scened Mail	1-01-01-01-01-01-01-01-01-01-01-01-01-01	Client Tales Pr	Lurn-Around Time: -	īme:	4-Day		ore to oct again
Client: laion LPE	т П		□ Standard	□ Rush	16/6/01 18 10		TELL TOTAL TOTAL
			Project Name:				THE PROPERTY OF A
Mailing Address:	35.	408 W. Texas Ave	Red Tank 4 Fe	³d 1 (Red Tan	Ŷ	4901	www.hallenvironmental.com
Artesia, NM 88	88210		Project #;		, , , , , , , , , , , , , , , , , , , ,		Tel 505 345 3075 First for 6,7 7.00
⊃hone #∷	575.746.8768	3.8768	1~	701162.112.01			Antibody 5 Fax 505-345-410/
email or Fax#:			Project Manager:	er:			
JA/QC Package:	ii						
1 Standard		☐ Level 4 (Full Validation)	т.	R.Pons		O	
Accreditation:	□ Az Cc	mpliance	Sampler: N	M.Collier		.c -	
J NELAC	□ Other	THE PROPERTY OF THE PROPERTY O			O No	- c	
1 EDD (Type)		The state of the s	# of Coolers:				
			Cooler Temp(including cF).		と) このこ		
···				reservative	HEAL No.	<u>Б</u> п	
Date Time	≊│	Sample N	Type and # T	Type 2	<u> </u>	. I	
10:30	Soil	S-37 3'	Glass/ 1	Ice/Cool	527	×	
10:40	-	S-38 3'	<i></i>		820		
11:00		N.SW-1 10'			739		
11:15		N.SW-2 3-4'			350		
11:20		N.SW-3 3-4'			3,50		
11:30		N.SW-4 3-4'			70		
11:35	- America (Canada and America	S.SW-1 5'			~ 2 C		
11:00		S.SW-2 3-4'			7 70		
11:05		S.SW-3 3-4'			\\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		
11:10		S.SW-4 3-4'			250		
12:00		E.SW-1 5-7'			7.50		
0/6/2021 11:20		E.SW-2 10'			848		
ate: Time:	Relinquished by	ned by:	Received by:	Via:	Date Time	Remarks:	
1110	12/2			222	0111 12/4/01		
aje: O	Relinquished by:	ned by:	Received by:	Via: ()*	Date Time		
17/71 1900	2		m		C13/2 13/3/2 -013/3	.0	
ול הפרפיפה	tun salamas vi						

ecessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Received by	ger-di	Process.	Received Parad GPL College Col	Turn-Around Time:	Time:							Pa	Page 157 of 310	of 316
Client: Tal	Talon LPE			- □ Standard	_ R		á			HALL ENVIRONMENTAL	Z O K			
			The state of the s	Project Name:		H				ANALYSIS LABORATORY		RAT		S
Mailing Address:	dress.	7	408 W. Texas Ave	Red Tank 4	Fed 1 (Red'	ا 5 ح			www.hall	www.hallenvironmental.com	ntal.com			
Artesia, NM	1 88210			Project #:	Project #:	ally		4801 H	4901 Hawkins NE - Albuquerque, NM 87109	Albuquerq	ne, NM 8	7109		
Phone #:	575	575.746.8768	768		701162,112,01	5	,	lel. 50	iei. 505-345-3975	Fax 50	Fax 505-345-4107)7 		
email or Fax#;	:X#:		The second secon	Project Manager:	Ider	-			T	Analysis Requesi	guest			
QA/QC Package:	kage:)							****		
☐ Standard	q		☐ Level 4 (Full Validation)		R.Pons			C						
Accreditation:		☐ Az Compliance ☐ Other		Sampler:	M.Collier) <u> </u>						
□ EDD (Type)				# of Coolers: -	2 - ES	oN]		0						
				Cooler Temp(including cF): ((including CF): (7-10-1	7							
Date Tin	Time Ma	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	L No.	— ш » с в ч						
10/6/2021 12	12:00 S	Soil	E.SW-3 10'	Glass/ 1	Ice/Cool	5	200	-						
12	12:15		E.SW4 3'											_
10/5/2021	1:00		W.SW-1 5-7'				000							
10/6/2021 1:	1:05		W.SW-2 10'	/			000							
1.	1:10		W.SW-3 10'				300	\ \ \ \						
₹	1:15		W.SW-4 4'		_		200							
)							
Date: Time:		Relinguished by:		Received by:	1/:0-									
		1		Pin I I I	<u>v</u> v * **	0 7 de	e E	Remarks:						Ţ
·		Relinquished by:		Received by:	Via:	Date	Time							
00bl 14/1/01	8	3		`	20 Mars	(0/8/11	73.85							
if nece	ssary, sampl	ples submit	If necessary, samples submitted to Hall Envionmental may be subcontracted to other	, P 15	Credited laboratori	This of the	3						ļ	

laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



eurofins

Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-1435-1

Laboratory Sample Delivery Group: Lea County NM Client Project/Site: Red Tank 4 Fed 1 (Red Tank)

For:

Talon/LPE

408 W. Texas St.

Artesia, New Mexico 88210

Attn: Rebecca Pong

KRAMER

Authorized for release by: 10/25/2021 9:33:43 PM

Jessica Kramer, Project Manager (432)704-5440 jessica.kramer@eurofinset.com

..... LINKS

Review your project results through
Total Access

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

Table of Contents

I WOID OF COTTO	
Cover Page	1
Table of Contents	
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	26
QC Sample Results	28
QC Association Summary	37
Lab Chronicle	44
Certification Summary	52
	53
	54
	55
Receipt Checklists	61

Released to Imaging: 1/27/2022 7:53:29 AM

Received by OCD: 1/10/2022 7:06:31 AM

TEQ

NC

ND

Definitions/Glossary

Client: Taion/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

lifiers

GC VOA	
Qualifier	Qualifier Description
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
N2	RPD of the MS and MSD exceeds the control limits
U	Analyte was not detected at or above the SDL.
GC Semi VOA	4
Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
b	The compound was found in the blank and sample
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
υ	Analyte was not detected at or above the SDL.
HPLC/IC	
Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.
Glossary	

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

Negative / Absent NEG

Not Calculated

Positive / Present POS PQL Practical Quantitation Limit Presumptive

PRES QC Quality Control RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Quotient (Dioxin)

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

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

Toxicity Equivalent Factor (Dioxin) TEF

TNTC Too Numerous To Count

Eurofins Xenco, Carlsbad

Received by OCD: 1/10/2022 7:06:31 AM

Case Narrative

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Job ID: 890-1435-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-1435-1

Receipt

The samples were received on 10/14/2021 1:00 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 1.2°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-9995 and analytical batch 880-10201 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: Surrogate recovery for the following sample was outside control limits: R-1 (890-1435-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: The method blank for preparation batch 880-9839 and analytical batch 880-9821 contained Oll Range Organics (Over C28-C36) 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 method blank for preparation batch 880-9840 and analytical batch 880-9823 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: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-9840 and analytical batch 880-9823 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28)

Page 4 of 62

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

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

10/25/2021

Received by OCD: 1/10/2022 7:06:31 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-1

Matrix: Solid

Client Sample ID: R-1

Date Collected: 10/12/21 09:20 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.000490	J	0.00198	0.000381	mg/Kg		10/20/21 13:44	10/23/21 18:41	
Toluene	0.000469	J	0.00198	0.000451	mg/Kg		10/20/21 13:44	10/23/21 18:41	
Ethylbenzene	0.00130	J	0.00198	0.000559	mg/Kg		10/20/21 13:44	10/23/21 18:41	
m-Xylene & p-Xylene	< 0.00396	U	0,00396	0.00100	mg/Kg		10/20/21 13:44	10/23/21 18:41	
o-Xylene	<0.00198	U	0.00198	0.000341	mg/Kg		10/20/21 13:44	10/23/21 18:41	
Xylenes, Total	<0.00396	U	0.00396	0.00100	mg/Kg		10/20/21 13:44	10/23/21 18:41	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	70		70 - 130				10/20/21 13:44	10/23/21 18:41	-
1,4-Difluorobenzene (Surr)	96		70 - 130				10/20/21 13:44	10/23/21 18:41	1
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00226	J	0.00396	0.00100	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Ran	no Organice (DR)	a) (GC)							
Analyte	• • •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	30.9		49.9		mg/Kg		<u>'</u>	10/21/21 16:01	1
		-0. (00)							
Method: 8015B NM - Diesel Ra				MARI		ь.	Designed	Analysed	Dil Fac
Analyte		Qualifier	RL -	MDL		<u>D</u>	Prepared	Analyzed	
Gasoline Range Organics	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 11:57	1
(GRO)-C6-C10 Diesel Range Organics (Over	<49.9	П	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 11:57	1
C10-C28)	490.0	J	10.0	10.5	99				
Oli Range Organics (Over	30.9	JЬ	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 11:57	1
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 ₋ 130				10/19/21 10:17	10/19/21 11:57	1
o-Terphenyl	84		70 - 130				10/19/21 10:17	10/19/21 11:57	1
Method: 300.0 - Anions, Ion Cl	romatography -	Soluble							
	Doguit	Qualifier	RI.	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Kesuit	Guanner	114						

Client Sample ID: R-2

Date Collected: 10/12/21 09:25

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Or	•	•	ъ.	MOI	11	n	Dranavad	Analyzed	Dil Fac
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Allalyzeu	Dirrac
Benzene	<0.00199	U	0.00199	0,000383	mg/Kg		10/20/21 13:44	10/23/21 19:02	1
Toluene	0.000589	J	0.00199	0.000454	mg/Kg		10/20/21 13:44	10/23/21 19:02	1
Ethylbenzene	0.000606	J	0.00199	0.000563	mg/Kg		10/20/21 13:44	10/23/21 19:02	1
m-Xylene & p-Xylene	<0.00398	ប	0.00398	0.00101	mg/Kg		10/20/21 13:44	10/23/21 19:02	1
o-Xylene	0,000712	J	0.00199	0.000343	mg/Kg		10/20/21 13:44	10/23/21 19:02	1
Xylenes, Total	<0.00398	U	0,00398	0.00101	mg/Kg		10/20/21 13:44	10/23/21 19:02	1

Lab Sample ID: 890-1435-2

Matrix: Solid

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: R-2

Date Collected: 10/12/21 09:25

Date Received: 10/14/21 13:00 Sample Depth: 1.5

Lab Sample ID: 890-1435-2

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74	w	70 - 130				10/20/21 13:44	10/23/21 19:02	1
1,4-Difluorobenzene (Surr)	89		70 - 130				10/20/21 13:44	10/23/21 19:02	1
- Method: Total BTEX - Total BTE)	K Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00191	J	0.00398	0.00101	mg/Kg			10/21/21 17:04	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			10/21/21 16:01	1
	- · /D								
	10 ()raanice (i)l	zoraci							
•		RO) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte		Qualifier	RL 50.0		Unit mg/Kg	<u>D</u>	Prepared 10/19/21 10:17	Analyzed 10/19/21 13:00	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	Result	Qualifier				<u>D</u>		10/19/21 13:00	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result	Qualifier U		15.0		<u>D</u>			
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 <50.0	Qualifier U	50.0	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:17 10/19/21 10:17	10/19/21 13:00 10/19/21 13:00	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0	Qualifier U	50.0	15.0 15.0	mg/Kg	<u>D</u>	10/19/21 10:17	10/19/21 13:00	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0 <50.0	Qualifier U U	50.0	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:17 10/19/21 10:17	10/19/21 13:00 10/19/21 13:00	1
Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.0 <50.0 <50.0	Qualifier U U	50.0 50.0 50.0	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:17 10/19/21 10:17 10/19/21 10:17	10/19/21 13:00 10/19/21 13:00 10/19/21 13:00	1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <50.0 <50.0 <50.0 <50.0 <50.0	Qualifier U U	50.0 50.0 50.0 <i>Limits</i>	15.0 15.0	mg/Kg mg/Kg	<u> </u>	10/19/21 10:17 10/19/21 10:17 10/19/21 10:17 Prepared	10/19/21 13:00 10/19/21 13:00 10/19/21 13:00 Analyzed	1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <50.0 <50.0 <50.0 <50.0	Qualifier U U Qualifier	50.0 50.0 50.0 <i>Limits</i> 70 - 130	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:17 10/19/21 10:17 10/19/21 10:17 Prepared 10/19/21 10:17	10/19/21 13:00 10/19/21 13:00 10/19/21 13:00 Analyzed 10/19/21 13:00	1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U U Qualifier	50.0 50.0 50.0 <i>Limits</i> 70 - 130	15.0 15.0	mg/Kg mg/Kg mg/Kg	<u>D</u>	10/19/21 10:17 10/19/21 10:17 10/19/21 10:17 Prepared 10/19/21 10:17	10/19/21 13:00 10/19/21 13:00 10/19/21 13:00 Analyzed 10/19/21 13:00	1 1 1 Dil Fac

Client Sample ID: R-3

Date Collected: 10/12/21 09:30

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000447	J	0.00200	0,000385	mg/Kg		10/20/21 13:44	10/23/21 19:22	1
Toluene	0.000717	J	0.00200	0.000456	mg/Kg		10/20/21 13:44	10/23/21 19:22	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		10/20/21 13:44	10/23/21 19:22	1
m-Xylene & p-Xylene	0.00103	J	0.00400	0.00101	mg/Kg		10/20/21 13:44	10/23/21 19:22	1
o-Xylene	0.000436	J	0.00200	0.000344	mg/Kg		10/20/21 13:44	10/23/21 19:22	1
Xylenes, Total	0.00147	J	0.00400	0.00101	mg/Kg		10/20/21 13:44	10/23/21 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	D <i>il Fac</i>
4-Bromofluorobenzene (Surr)	82		70 130				10/20/21 13:44	10/23/21 19:22	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/20/21 13:44	10/23/21 19:22	1
Method: Total BTEX - Total B1	TEX Calculation								
Aπalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00263	J	0.00400	0.00101	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Rar	nge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	11	49.9	15.0	mg/Kg			10/21/21 16:01	1

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-1435-3

Matrix: Solid

Surrogate

o-Terphenyl

1-Chlorooctane

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: R-3

Date Collected: 10/12/21 09:30

Date Received: 10/14/21 13:00 Sample Depth: 1.5

Lab Sample ID: 890-1435-3

Lab Sample ID: 890-1435-4

Matrix: Solid

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL.	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	Ü	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 13:21	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49,9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 13:21	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15,0	mg/Kg		10/19/21 10:17	10/19/21 13:21	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 130				10/19/21 10:17	10/19/21 13:21	1
o-Terphenyl	84		70 ₋ 130				10/19/21 10:17	10/19/21 13:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

Chloride 83.2 4.99 0.857 mg/Kg 10/21/21 21:50 1

Client Sample ID: R-4

Date Collected: 10/12/21 10:20

Date Received: 10/14/21 13:00

Oll Range Organics (Over C28-C36)

Sample Depth: 1.5

	Compounds ((GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	0.000381	mg/Kg		10/20/21 13:44	10/23/21 19:42	1
Toluene	< 0.00198	U	0,00198	0.000451	mg/Kg		10/20/21 13:44	10/23/21 19:42	1
Ethylbenzene	0.00129	J	0.00198	0.000559	mg/Kg		10/20/21 13:44	10/23/21 19:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	0.00100	mg/Kg		10/20/21 13:44	10/23/21 19:42	1
o-Xylene	0.000811	J	0.00198	0.000341	mg/Kg		10/20/21 13:44	10/23/21 19:42	1
Xylenes, Total	<0.00396	U	0.00396	0.00100	mg/Kg		10/20/21 13:44	10/23/21 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				10/20/21 13:44	10/23/21 19:42	1
1,4-Difluorobenzene (Surr)	97		70 - 130				10/20/21 13:44	10/23/21 19:42	1
– Method: Total BTEX - Total BTEX (Calculation								
Analyte		Qualifier	RL	MDI	Unit	D	Prepared	A = =1==ad	Dil Fac
				17106	0		riepaicu	Analyzed	DHFAC
_Total BTEX	0.00210	J	0.00396	0.00100		_ =	Fiehaica	10/21/21 17:04	1
				-		=	- Герагеи		1
Total BTEX Method: 8015 NM - Diesel Range (Analyte	Organics (DR			-	mg/Kg	<u></u> 	Prepared		Dil Fac
 Method: 8015 NM - Diesel Range €	Organics (DR	O) (GC) Qualifier	0.00396	0.00100 MDL	mg/Kg	<u> </u>		10/21/21 17:04	1
Method: 8015 NM - Diesel Range (Analyte Total TPH	Organics (DR Result <50.0	O) (GC) Qualifier U	0.00396 RL	0.00100 MDL	mg/Kg Unit	<u> </u>		10/21/21 17:04 Analyzed	1
Method: 8015 NM - Diesel Range (Analyte	Organics (DR Result <50.0	O) (GC) Qualifier U	0.00396 RL	0.00100 MDL	mg/Kg Unit mg/Kg	<u> </u>		10/21/21 17:04 Analyzed	1
Method: 8015 NM - Diesel Range (Analyte Total TPH Method: 8015B NM - Diesel Range	Organics (DR Result <50.0	O) (GC) Qualifier U RO) (GC) Qualifier	0.00396 RL 50.0	0.00100 MDL 15.0	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	10/21/21 17:04 Analyzed 10/21/21 16:01	Dil Fac

Eurofins Xenco, Carlsbad

10/19/21 13:42

Analyzed

10/19/21 13:42

10/19/21 13:42

10/19/21 10:17

Prepared

10/19/21 10:17

10/19/21 10:17

Released to Imaging: 1/27/2022 7:53:29 AM

Dil Fac

50.0

Limits

70 - 130

70 - 130

15.0 mg/Kg

<50.0 U

%Recovery Qualifier

81

83

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: R-4

Date Collected: 10/12/21 10:20

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Lab Sample ID: 890-1435-4

Lab Sample ID: 890-1435-5

Matrix: Solid

Matrix: Solid

	Method: 300.0 - Anions, Ion Chron	natography - Soluble					
	Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
l.	Chloride	200	4.95	0.850 mg/Kg		10/22/21 04:07	1

Client Sample ID: R-5

Date Collected: 10/12/21 10:25

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organi Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000562		0.00198	0.000382	mg/Kg		10/20/21 13:44	10/23/21 20:03	1
Toluene	0.000599		0.00198	0,000452	mg/Kg		10/20/21 13:44	10/23/21 20:03	1
Ethylbenzene	<0.00198		0.00198	0.000561	mg/Kg		10/20/21 13:44	10/23/21 20:03	,
m-Xylene & p-Xylene	<0.00397		0.00397	0.00100	mg/Kg		10/20/21 13:44	10/23/21 20:03	
o-Xylene	0.00108		0.00198	0.000341	mg/Kg		10/20/21 13:44	10/23/21 20:03	1
Xylenes, Total	0.00108		0.00397	0.00100	mg/Kg		10/20/21 13:44	10/23/21 20:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130				10/20/21 13:44	10/23/21 20:03	1
1,4-Diffuorobenzene (Surr)	88		70 - 130				10/20/21 13:44	10/23/21 20:03	1
Method: Total BTEX - Total BTE:	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00224	J	0.00397	0,00100	mg/Kg		and 1	10/21/21 17:04	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	-	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	36.4		50,0	15.0	mg/Kg			10/21/21 16:01	1
Method: 8015B NM - Diesel Ran	ge Organics (D	RO) (GC)							
Analyte	-	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	36.4	J	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:02	1
(GRO)-C6-C10 Dieset Range Organics (Over	<50.0	U	50.0	15.0	mg/ K g		10/19/21 10:17	10/19/21 14:02	1
C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
	93	-	70 - 130				10/19/21 10:17	10/19/21 14:02	1
1-Chlorooctane			70 - 130				10/19/21 10:17	10/19/21 14:02	1
1-Chlorooctane o-Terphenyl	96		702700						
o-Terphenyl		Soluble	702700						
	omatography -	Soluble Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dìl Fac

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-6

Matrix: Solid

Client Sample ID: R-6

Date Collected: 10/12/21 10:30 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Вепzеле	<0.00198	U	0.00198	0.000382	mg/Kg		10/20/21 13:44	10/23/21 20:23	
Toluene	<0.00198	U	0.00198	0.000452	mg/Kg		10/20/21 13:44	10/23/21 20:23	
Ethylbenzene	<0.00198	U	0.00198	0.000561	mg/Kg		10/20/21 13:44	10/23/21 20:23	
m-Xylene & p-Xylene	<0.00397	U	0.00397	0,00100	mg/Kg		10/20/21 13:44	10/23/21 20:23	
o-Xylene	<0.00198	U	0.00198	0.000341	mg/Kg		10/20/21 13:44	10/23/21 20:23	
Xylenes, Total	<0.00397	U	0.00397	0.00100	mg/Kg		10/20/21 13:44	10/23/21 20:23	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	99		70 - 130				10/20/21 13:44	10/23/21 20:23	
1,4-Difluorobenzene (Surr)	104		70 - 130				10/20/21 13:44	10/23/21 20:23	
- Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00397	U	0.00397	0.00100	mg/Kg			10/21/21 17:04	
Method: 8015 NM - Diesel Rang	e Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9	15.0	mg/Kg			10/21/21 16:01	
Method: 8015B NM - Diesel Ran	ge Organics (DI	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:23	
Diesel Range Organics (Over	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:23	
040 (000)									
•	<49.9	Ü	49,9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:23	
Oll Range Organics (Over C28-C36)	<49.9 %Recovery		49.9 <i>Limits</i>	15.0	mg/Kg		10/19/21 10:17 Prepared	10/19/21 14:23 Analyzed	Dil Fa
Oll Range Organics (Over C28-C36) Surrogate				15.0	mg/Kg				Dil Fa
C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	%Recovery		Limits	15.0	mg/Kg		Prepared	Analyzed	Dil Fa
Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	%Recovery 79 81	Qualifier	Limits 70 - 130	15.0	mg/Kg		Prepared 10/19/21 10:17	Analyzed 10/19/21 14:23	Dil Fa
Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	%Recovery 79 81 romatography -	Qualifier	Limits 70 - 130	15.0 MDL		<u>D</u>	Prepared 10/19/21 10:17	Analyzed 10/19/21 14:23	

Client Sample ID: R-7

Date Collected: 10/12/21 11:00 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Lab Sample ID: 890-1435-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00108	J	0.00199	0.000383	mg/Kg		10/20/21 13:44	10/23/21 20:44	1
Toluene	<0.00199	U	0.00199	0.000453	mg/Kg		10/20/21 13:44	10/23/21 20:44	1
Ethylbenzene	0.000785	J	0.00199	0.000562	mg/Kg		10/20/21 13:44	10/23/21 20:44	1
m-Xylene & p-Xylene	0.00143	J	0,00398	0.00100	mg/Kg		10/20/21 13:44	10/23/21 20:44	1
o-Xylene	0.00127	J	0.00199	0.000342	mg/Kg		10/20/21 13:44	10/23/21 20:44	1
Xylenes, Total	0.00270	J	0.00398	0.00100	mg/Kg		10/20/21 13:44	10/23/21 20:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				10/20/21 13:44	10/23/21 20:44	

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-7

Matrix: Solid

Client Sample ID: R-7

Date Collected: 10/12/21 11:00 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Diffuorobenzene (Surr)	107		70 - 130				10/20/21 13:44	10/23/21 20:44	1
Method: Total BTEX - Total BTE	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total BTEX	0.00457		0.00398	0.00100	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	Ū	49.9	15.0	mg/Kg			10/21/21 16:01	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:44	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49,9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:44	1
C10-C28)							10110101 10:17	40/40/04 44:44	4
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				10/19/21 10:17	10/19/21 14:44	1
o-Terphenyl	80		70 - 130				10/19/21 10:17	10/19/21 14:44	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble						•	
,							D	A same la sema and	Dil Fac
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dilrac

Client Sample ID: R-8

Date Collected: 10/12/21 11:05

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		10/20/21 13:44	10/23/21 21:04	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/20/21 13:44	10/23/21 21:04	1
Ethylbenzene	<0.00200	U	0,00200	0.000565	mg/Kg		10/20/21 13:44	10/23/21 21:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 13:44	10/23/21 21:04	. 1
o-Xylene	0.000657	J	0.00200	0.000344	mg/Kg		10/20/21 13:44	10/23/21 21:04	1
Xylenes, Total	<0.00400	U	0.00400	0,00101	mg/Kg	•	10/20/21 13:44	10/23/21 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Díl Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				10/20/21 13:44	10/23/21 21:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/20/21 13:44	10/23/21 21:04	1
Method: Total BTEX - Total B1	ΓEX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0,00400	0.00101	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Rar	nge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	_ D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	11	49.8	14.9	mg/Kg			10/21/21 16:01	1

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-1435-8

Matrix: Solid

1-Chlorooctane

o-Terphenyl

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: R-8

Date Collected: 10/12/21 11:05

Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-8

Lab Sample ID: 890-1435-9

Analyzed

10/23/21 21:25

D

Prepared

10/20/21 13:44

10/19/21 10:17

10/19/21 10:17

MDL Unit

0.000384 mg/Kg

Matrix: Solid

Dil Fac

Matrix: Solid

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8	14.9	mg/Kg		10/19/21 10:17	10/19/21 15:05	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8	14.9	mg/Kg		10/19/21 10:17	10/19/21 15:05	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	14.9	mg/Kg		10/19/21 10:17	10/19/21 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 130				10/19/21 10:17	10/19/21 15:05	1
o-Terphenyl	91		70 - 130				10/19/21 10:17	10/19/21 15:05	1

Method: 300.0 - Anions, Ion Chromatography - SolubleAnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FacChloride2034.950.850mg/Kg10/22/21 04:501

RL

0.00200

Client Sample ID: R-9

Date Collected: 10/12/21 11:10

Date Received: 10/14/21 13:00

Method: 8021B - Volatile Organic Compounds (GC)

Result Qualifier

0.000432 J

88

91

Sample Depth: 1.5

Analyte

Benzene

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Oli Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 15:26	1
C10-C28)									
Diesel Range Organics (Over	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 15:26	1
Gasoline Range Organics (GRO)-C6-C10	\30.0	U	50.0	10.0	mgmg		15, (6,2)		
	<50.0		50.0		mg/Kg	— <u> </u>	10/19/21 10:17	10/19/21 15:26	
Method: 8015B NM - Diesel Rang Analyte		RO) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	0,00	19,0	myrky			10/21/21 10:01	
Analyte		Qualifier	RL 50.0		mg/Kg		riepaieu	10/21/21 16:01	1
Method: 8015 NM - Diesel Range	- '		DI.	MO	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00118	J	0.00399	0.00101	mg/Kg			10/21/21 17:04	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
- Method: Total BTEX - Total BTEX	X Calculation								
1,4-Difluorobenzene (Surr)	102		70 - 130				10/20/21 13:44	10/23/21 21:25	1
4-Bromofluorobenzene (Surr)	94		70 - 130				10/20/21 13:44	10/23/21 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00399	U	0.00399	0.00101	m g/K g		10/20/21 13:44	10/23/21 21:25	1
o-Xylene	0,000748	J	0.00200	0.000343	mg/Kg		10/20/21 13:44	10/23/21 21:25	1
m-Xylene & p-Xylene	<0.00399	U	0,00399	0.00101	mg/Kg		10/20/21 13:44	10/23/21 21:25	1
Ethylbenzene	<0.00200		0.00200	0.000564			10/20/21 13:44	10/23/21 21:25	1
Toluene	<0.00200	U	0.00200	0,000455			10/20/21 13:44	10/23/21 21:25	1
							1 + 10 0 10 1 10 11	(0)0000101015	

Eurofins Xenco, Carlsbad

10/19/21 15:26

10/19/21 15:26

70 - 130

70 - 130

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Matrix: Solid

Client Sample ID: R-9

Date Collected: 10/12/21 11:10 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Lab Sample ID: 890-1435-9

Matrix: Solid

Method: 300.0 - Anions, Ion Chro	omatography - Soluble							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223	5.04	0.865	mg/Kg			10/22/21 05:11	1
Client Sample ID: R-10						Lab San	ple ID: 890-1	435-10

Client Sample ID: R-10

Date Collected: 10/12/21 12:00 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Веплепе	<0.00202	U	0,00202	0,000389	mg/Kg		10/20/21 13:44	10/23/21 21:45	1
Toluene	<0.00202	U	0.00202	0.000461	mg/Kg		10/20/21 13:44	10/23/21 21:45	1
Ethylbenzene	< 0.00202	U	0.00202	0.000571	mg/Kg		10/20/21 13:44	10/23/21 21:45	1
m-Xyiene & p-Xylene	<0.00404	U	0.00404	0.00102	mg/Kg		10/20/21 13:44	10/23/21 21:45	1
o-Xylene	0.000471	J	0.00202	0.000347	mg/Kg		10/20/21 13:44	10/23/21 21:45	1
Xylenes, Total	<0.00404	U	0.00404	0.00102	mg/Kg		10/20/21 13:44	10/ 2 3/21 21:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				10/20/21 13:44	10/23/21 21:45	1
1,4-Difluorobenzene (Surr)	88		70 - 130				10/20/21 13:44	10/23/21 21:45	1
- Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	0.00102	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			10/21/21 16:01	1
- Method: 8015B NM - Diesel Rang	ge Organics (DI	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 15:46	1
Diesel Range Organics (Over	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 15:46	1
C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				10/19/21 10:17	10/19/21 15:46	1
o-Terphenyl	86		70 - 130				10/19/21 10:17	10/19/21 15:46	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	RL	MDL.	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		4.99	0.007	mg/Kg			10/22/21 05:18	1

Eurofins Xenco, Carlsbad

Received by OCD: 1/10/2022 7:06:31 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-11

Matrix: Solid

Client Sample ID: R-11

Date Collected: 10/12/21 12:05 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Вепzепе	<0.00200	U	0.00200	0,000385	mg/Kg		10/20/21 13:44	10/23/21 23:34	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/20/21 13:44	10/23/21 23:34	1
Ethylbenzene	<0.00200	U	0,00200	0.000565	mg/Kg		10/20/21 13:44	10/23/21 23:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/2 0 /21 13:44	10/23/21 23:34	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		10/20/21 13:44	10/23/21 23:34	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 13:44	10/23/21 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/20/21 13:44	10/23/21 23:34	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/20/21 13:44	10/23/21 23:34	1
- Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	0.00101	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Rango Analyte	•	O) (GC) Qualifier	RL _	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49,9	U	49.9	15.0	mg/Kg			10/21/21 16:01	1
Method: 8015B NM - Diesel Ran	ge Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	Ū	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 16:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 16:27	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 16:27	1
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Surrogate	76Recovery						10/19/21 10:17	10/19/21 16:27	
Surrogate 1-Chlorooctane		,	70 - 130				10/13/21 10.11	10/19/21 10.27	7
			70 ₋ 130 70 ₋ 130				10/19/21 10:17	10/19/21 16:27	
1-Chlorooctane	88 94	Soluble					10/19/21 10:17	10/19/21 16:27	1
1-Chlorooctane o-Terphenyl	88 94 omatography -	Soluble Qualifier			Unit mg/Kg	D			1 1 Dil Fac

Client Sample ID: R-12

Date Collected: 10/12/21 12:10 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Lab Sample ID: 890-1435-12

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000384	mg/Kg		10/20/21 13:44	10/23/21 23:55	1
Toluene	<0.00200	U	0,00200	0.000455	mg/Kg		10/20/21 13:44	10/23/21 23:55	1
Ethylbenzene	<0.00200	U	0.00200	0.000564	mg/Kg		10/20/21 13:44	10/23/21 23:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	0.00101	mg/Kg		10/20/21 13:44	10/23/21 23:55	1
o-Xylene	<0.00200	U	0.00200	0.000343	mg/Kg		10/20/21 13:44	10/23/21 23:55	1
Xylenes, Total	<0.00399	U	0.00399	0,00101	mg/Kg		10/20/21 13:44	10/23/21 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/20/21 13:44	10/23/21 23:55	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-12

Lab Sample ID: 890-1435-13

Matrix: Solid

Matrix: Solid

Client Sample ID: R-12

Date Collected: 10/12/21 12:10 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130				10/20/21 13:44	10/23/21 23:55	1
- Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0,00399	U	0.00399	0.00101	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Range	Organics (DR	0) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			10/21/21 16:01	1
Method: 8015B NM - Diesel Rang	ge Organics (Di	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier	RL 50,0			<u>D</u>	Prepared 10/19/21 10:17	Analyzed 10/19/21 16:47	Dil Fac
Analyte	Result	Qualifier				<u>D</u>	10/19/21 10:17	10/19/21 16:47	1
Analyte Gasoline Range Organics	Result	Qualifier U		15.0		<u>D</u>			Dil Fac 1
Analyte Gasoline Range Organics (GRO)-C6-C10	<50.0	Qualifier U	50.0 50.0	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:17	10/19/21 16:47 10/19/21 16:47	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0	Qualifier U	50,0	15.0 15.0	mg/Kg	<u>D</u>	10/19/21 10:17	10/19/21 16:47	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0	Qualifier U U U	50.0 50.0	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:17	10/19/21 16:47 10/19/21 16:47	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0 <50.0 <50.0	Qualifier U U U	50.0 50.0 50.0	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:17 10/19/21 10:17 10/19/21 10:17	10/19/21 16:47 10/19/21 16:47 10/19/21 16:47	1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <50.0 <50.0 <50.0 <50.0 <50.0 %Recovery	Qualifier U U U	50.0 50.0 50.0 <i>Limits</i>	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:17 10/19/21 10:17 10/19/21 10:17 Prepared	10/19/21 16:47 10/19/21 16:47 10/19/21 16:47 Analyzed	1 1 1 <i>Dil F</i> ac
Analyte Gasoline Range Organics (GRO)-C8-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorocctane o-Terphenyl	Result <50.0 <50.0 <50.0 <50.0	Qualifier U U Qualifier	50.0 50.0 50.0 <i>Limits</i> 70 - 130	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:17 10/19/21 10:17 10/19/21 10:17 Prepared 10/19/21 10:17	10/19/21 16:47 10/19/21 16:47 10/19/21 16:47 Analyzed 10/19/21 16:47	1 1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C8-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorocctane	Result	Qualifier U U Qualifier	50.0 50.0 50.0 <i>Limits</i> 70 - 130	15.0 15.0	mg/Kg mg/Kg mg/Kg	D D	10/19/21 10:17 10/19/21 10:17 10/19/21 10:17 Prepared 10/19/21 10:17	10/19/21 16:47 10/19/21 16:47 10/19/21 16:47 Analyzed 10/19/21 16:47	1 1 1 1 Dil Fac

Client Sample ID: R-13

Date Collected: 10/12/21 12:15

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000613	J	0.00198	0.000382	mg/Kg		10/20/21 13:44	10/24/21 00:15	1
Toluene	0.00116	J	0,00198	0.000452	mg/Kg		10/20/21 13:44	10/24/21 00:15	1
Ethylbenzene	0.000714	J	0.00198	0.000561	mg/Kg		10/20/21 13:44	10/24/21 00:15	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	0.00100	mg/Kg		10/20/21 13:44	10/24/21 00:15	1
o-Xylene	0.000668	J	0,00198	0.000341	mg/Kg		10/20/21 13:44	10/24/21 00:15	1
Xylenes, Total	<0.00397	U	0.00397	0,00100	mg/Kg		10/20/21 13:44	10/24/21 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				10/20/21 13:44	10/24/21 00:15	1
1,4-Diffuorobenzene (Surr)	99		70 - 130				10/20/21 13:44	10/24/21 00:15	1
Method: Total BTEX - Total B	ΓΕΧ Calculation								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00316	J	0.00397	0.00100	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Rai	ige Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	<u> </u>	50.0	15.0	mg/Kg			10/21/21 16:01	1

Eurofins Xenco, Carlsbad

Dil Fac

Received by OCD: 1/10/2022 7:06:31 AM

Surrogate

o-Terphenyl

1-Chlorooctane

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-13

Lab Sample ID: 890-1435-14

Matrix: Solid

Matrix: Solid

Client Sample ID: R-13

Date Collected: 10/12/21 12:15 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 17:28	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 17:28	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50. 0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				10/19/21 10:17	10/19/21 17:28	1
o-Terphenyl	88		70 - 130				10/19/21 10:17	10/19/21 17:28	1

Method: 300.0 - Anions, Ion Chron	natography - S	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.5	!	5.00	0,858	mg/Kg			10/22/21 05:40	1

Client Sample ID: R-14

Date Collected: 10/12/21 12:20

Date Received: 10/14/21 13:00

Method: 8021B - Volatile Organic Compounds (GC)

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	0,000381	mg/Kg		10/20/21 13:44	10/24/21 00:36	1
Toluene	0.00144	J	0.00198	0.000451	mg/Kg		10/20/21 13:44	10/24/21 00:36	1
Ethylbenzene	<0.00198	U	0.00198	0.000559	mg/Kg		10/20/21 13:44	10/24/21 00:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	0.00100	mg/Kg		10/20/21 13:44	10/24/21 00:36	1
o-Xylene	0,000995	J	0.00198	0.000341	mg/Kg		10/20/21 13:44	10/24/21 00:36	1
Xylenes, Total	<0.00396	U	0.00396	0.00100	mg/Kg		10/20/21 13:44	10/24/21 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/20/21 13:44	10/24/21 00:36	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/20/21 13:44	10/24/21 00:36	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00244	J	0,00396	0, 0 0100	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Rang	e Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49,9	15.0	mg/Kg			10/21/21 16:01	1
Method: 8015B NM - Diesel Ran	ge Organics (DI	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 17:48	1
Diesel Range Organics (Over	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 17:48	1
C10-C28) Oli Range Organics (Over C28-C36)	<49,9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 1 7: 4 8	1

Eurofins Xenco, Carlsbad

Analyzed

10/19/21 17:48

10/19/21 17:48

Prepared

10/19/21 10:17

10/19/21 10:17

Limits

70 - 130

70 - 130

%Recovery Qualifier

84

87

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-14

Matrix: Solid

Matrix: Solid

Client Sample ID: R-14

Date Collected: 10/12/21 12:20 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chrom	atography - S	Soluble							
Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.1		5.01	0.860	mg/Kg			10/22/21 05:47	1

Client Sample ID: R-15

Date Collected: 10/12/21 13:15 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 300.0 - Anions, Ion Chro	Result Qualifier	RL_	MDL		D	Prepared	Analyzed	Dil Fac
Chloride	75.1	5.01	0.860	mg/Kg			10/22/21 05:47	
Client Sample ID: R-15						Lab Sam	ple ID: 890-14	435-15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000620	J	0.00198	0.000381	mg/Kg		10/20/21 13:44	10/24/21 00:56	1
Toluene	<0.00198	U	0.00198	0.000451	mg/Kg		10/20/21 13:44	10/24/21 00:56	1
Ethylbenzene	<0.00198	U	0,00198	0.000559	mg/Kg		10/20/21 13:44	10/24/21 00:56	1
m-Xylene & p-Xylene	< 0.00396	U	0.00396	0.00100	mg/Kg		10/20/21 13:44	10/24/21 00:56	1
o-Xylene	0.00113	J	0,00198	0.000341	mg/Kg		10/20/21 13:44	10/24/21 00:56	1
Xylenes, Total	0.00113	J	0.00396	0,00100	mg/Kg		10/20/21 13:44	10/24/21 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/20/21 13:44	10/24/21 00:56	1
1,4-Diffuorobenzene (Surr)	94		70 - 130				10/20/21 13:44	10/24/21 00:56	1
- Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifler	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00175	J	0.00396	0.00100	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Range	Organics (DR)	D) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49,9	15.0	mg/Kg			10/21/21 16:01	1
- Method: 8015B NM - Diesel Rang	e Organics (DI	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:09	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:09	1
C10-C28)			40.0	45.0	malKa		10/19/21 10:17	10/19/21 18:09	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:1/	10/13/21 10:00	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Díl Fac
1-Chlorooctane	81		70 - 130				10/19/21 10:17	10/19/21 18:09	1
o-Terphenyl	84		70 - 130				10/19/21 10:17	10/19/21 18:09	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
								10/22/21 06:08	

Eurofins Xenco, Carlsbad

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: R-16

Date Collected: 10/12/21 13:20 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Lab Sample ID: 890-1435-16

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000886	J	0.00199	0.000383	mg/Kg		10/20/21 13:44	10/24/21 01:16	1
Toluene	0.000526	J	0.00199	0.000454	mg/Kg		10/20/21 13:44	10/24/21 01:16	1
Ethylbenzene	< 0.00199	U	0.00199	0.000563	mg/Kg		10/20/21 13:44	10/24/21 01:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00101	mg/Kg		10/20/21 13:44	10/24/21 01:16	1
o-Xylene	<0.00199	U	0.00199	0.000343	mg/Kg		10/20/21 13:44	10/24/21 01:16	1
Xylenes, Total	<0.00398	U	0.00398	0.00101	mg/Kg		10/20/21 13:44	10/24/21 01:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				10/20/21 13:44	10/24/21 01:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/20/21 13:44	10/24/21 01:16	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	0.00141		0.00398	0.00101	mg/Kg			10/21/21 17:04	1
Total BTEX Method: 8015 NM - Diesel Rangs			0.00000	0,00 (01					
Method: 8015 NM - Diesel Range	Organics (DR		RL.	MDL		D	Prepared	Analyzed	Dil Fac
	Organics (DR	O) (GC) Qualifier		MDL		<u>D</u>	Prepared		Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH	o Organics (DRO Result 16.2	O) (GC) Qualifier J	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang	e Organics (DR0 Result 16.2 ge Organics (DI	O) (GC) Qualifier J	RL	MDL	Unit mg/Kg	D	Prepared Prepared	Analyzed	1
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	e Organics (DR0 Result 16.2 ge Organics (DI	O) (GC) Qualifier J RO) (GC) Qualifier	RL 49.9	MDL 15.0 MDL	Unit mg/Kg	 —	<u> </u>	Analyzed 10/21/21 16:01	1 Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	e Organics (DR0 Result 16.2 ge Organics (DI Result 16.2	Qualifier J RO) (GC) Qualifier J Qualifier J	RL 49.9 RL	MDL 15.0	Unit mg/Kg Unit mg/Kg	 —	Prepared	Analyzed 10/21/21 16:01 Analyzed	1 Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	e Organics (DR0 Result 16.2 ge Organics (DI Result	Qualifier J RO) (GC) Qualifier J Qualifier J	RL 49.9 RL 49.9	MDL 15.0	Unit mg/Kg Unit	 —	Prepared 10/19/21 10:17	Analyzed 10/21/21 16:01 Analyzed 10/19/21 18:29	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	e Organics (DR0 Result 16.2 ge Organics (DI Result 16.2	Qualifier J RO) (GC) Qualifier J U	RL 49.9 RL 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg	 —	Prepared 10/19/21 10:17	Analyzed 10/21/21 16:01 Analyzed 10/19/21 18:29	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (DR) Result 16.2 ge Organics (DI) Result 16.2 <49.9	Qualifier J RO) (GC) Qualifier J U	RL 49.9 RL 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	 —	Prepared 10/19/21 10:17 10/19/21 10:17	Analyzed 10/21/21 16:01 Analyzed 10/19/21 18:29 10/19/21 18:29	1 Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (DR) Result 16.2 ge Organics (DI) Result 16.2 <49.9	Qualifier J RO) (GC) Qualifier J U U	RL 49.9 RL 49.9 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	 —	Prepared 10/19/21 10:17 10/19/21 10:17 10/19/21 10:17	Analyzed 10/21/21 16:01 Analyzed 10/19/21 18:29 10/19/21 18:29	1 Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (DR) Result 16.2 ge Organics (DI) Result 16.2 <49.9 <49.9	Qualifier J RO) (GC) Qualifier J U U	RL 49.9 RL 49.9 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	 —	Prepared 10/19/21 10:17 10/19/21 10:17 10/19/21 10:17 Prepared	Analyzed 10/21/21 16:01 Analyzed 10/19/21 18:29 10/19/21 18:29 4nalyzed Analyzed	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (DRC Result 16.2 ge Organics (DI Result 16.2 <49.9 <49.9 **Recovery 90 94	Qualifier J Qualifier J Qualifier U Qualifier	RL 49.9 RL 49.9 49.9 49.9 Limits 70 - 130	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg	 —	Prepared 10/19/21 10:17 10/19/21 10:17 10/19/21 10:17 Prepared 10/19/21 10:17	Analyzed 10/21/21 16:01 Analyzed 10/19/21 18:29 10/19/21 18:29 Analyzed 10/19/21 18:29	Dil Fac 1 1 Dil Fac Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooclane o-Terphenyl	e Organics (DR0 Result 16.2 ge Organics (DI Result 16.2 <49.9 <49.9 %Recovery 90 94 pmatography	Qualifier J Qualifier J Qualifier U Qualifier	RL 49.9 RL 49.9 49.9 49.9 Limits 70 - 130	MDL 15.0 MDL 15.0 15.0	Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	 —	Prepared 10/19/21 10:17 10/19/21 10:17 10/19/21 10:17 Prepared 10/19/21 10:17	Analyzed 10/21/21 16:01 Analyzed 10/19/21 18:29 10/19/21 18:29 Analyzed 10/19/21 18:29	Dil Fac 1 1 1 Dil Fac 1

Client Sample ID: R-17

Date Collected: 10/12/21 13:25 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Received by OCD: 1/10/2022 7:06:31 AM

Lab Sample ID: 890-1435-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000535		0.00200	0.000385	mg/Kg		10/20/21 13:44	10/24/21 01:37	1
Toluene	<0.00200	U	0,00200	0.000456	mg/Kg		10/20/21 13:44	10/24/21 01:37	1
Ethylbenzene	<0,00200	U	0.00200	0.000565	mg/Kg		10/20/21 13:44	10/24/21 01:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 13:44	10/24/21 01:37	1
o-Xvlene	0.000736	J	0,00200	0.000344	mg/Kg		10/20/21 13:44	10/24/21 01:37	1
Xylenes, Total	<0.00400	υ	0.00400	0,00101	mg/Kg		10/20/21 13:44	10/24/21 01:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				10/20/21 13:44	10/24/21 01:37	

Eurofins Xenco, Carlsbad

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-17

Matrix: Solid

Client Sample ID: R-17

Date Collected: 10/12/21 13:25 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,4-Difluorobenzene (Surr)	103		70 130				10/20/21 13:44	10/24/21 01:37	
- Method: Total BTEX - Total BTEX	K Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00127	J	0.00400	0.00101	mg/Kg			10/21/21 1 7 :04	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15.7	J	49.9	15.0	mg/Kg			10/21/21 16:18	1
Method: 8015B NM - Diesel Rang	ne Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	15.7	J	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:50	1
(GRO)-C6-C10									
				450	mg/Kg		10/19/21 10:17	10/19/21 18:50	
•	<49.9	U	49.9	15.0					1
Diesel Range Organics (Over C10-C28)								40/40/04 49/50	
Diesel Range Organics (Over C10-C28)	<49.9 <49.9		49.9 49.9		mg/Kg		10/19/21 10:17	10/19/21 18:50	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)		U						10/19/21 18:50 Analyzed	
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.9	U	49.9				10/19/21 10:17		1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<49.9 %Recovery	U	49.9 <i>Limits</i>				10/19/21 10:17 Prepared	Analyzed	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chloroctane o-Terphenyl	<49.9 <i>%Recovery</i> 86 89	U <i>Qualifier</i>	49.9 <i>Limits</i> 70 - 130				10/19/21 10:17 Prepared 10/19/21 10:17	Analyzed 10/19/21 18:50	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.9 <u>%Recovery</u> 86 89 omatography -	U <i>Qualifier</i>	49.9 <i>Limits</i> 70 - 130		mg/Kg	D	10/19/21 10:17 Prepared 10/19/21 10:17	Analyzed 10/19/21 18:50	1

Client Sample ID: SW-1

Date Collected: 10/12/21 13:30

Date Received: 10/14/21 13:00

Sample Depth: 1.5

		(GC)	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier				=			Diritati
Benzene	0.000685	J	0.00201	0.000387	mg/Kg		10/20/21 13:44	10/24/21 01:57	1
Toluene	0.000943	J	0.00201	0.000459	mg/Kg		10/20/21 13:4 4	10/24/21 01:57	1
Ethylbenzene	0.00152	J	0,00201	0.000568	mg/Kg		10/20/21 13:44	10/24/21 01:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	0,00102	mg/Kg		10/20/21 13:44	10/24/21 01:57	1
o-Xylene	0.000393	J	0.00201	0.000346	mg/Kg		10/20/21 13:44	10/24/21 0 1:57	1
Xylenes, Total	<0.00402	U	0.00402	0.00102	mg/Kg		10/20/21 13:44	10/24/21 01:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				10/20/21 13:44	10/24/21 01:57	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/20/21 13:44	10/24/21 01:57	1
Method: Total BTEX - Total B	TEX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00354	J	0.00402	0.00102	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Rar	nge Organics (DR	O) (GC)							
Analyte	-	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0		50.0	15.0	mg/Kg			10/21/21 16:18	1

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-1435-18

Matrix: Solid

Surrogate

o-Terphenyl

1-Chlorooctane

Released to Imaging: 1/27/2022 7:53:29 AM

Dil Fac

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-18

Lab Sample ID: 890-1435-19

Matrix: Solid

Matrix: Solid

Client Sample ID: SW-1

Date Collected: 10/12/21 13:30 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:11	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50,0	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:11	1
C10-C28)									
Olf Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chloroctane	85		70 - 130				10/19/21 10:17	10/19/21 19:11	1
o-Terphenyl	89		70 - 130				10/19/21 10:17	10/19/21 19:11	1

Method: 300.0 - Anions, Ion Chrom	atography -	Soluble							
Aпalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.7		5.04	0.865	mg/Kg			10/22/21 06:44	1

Client Sample ID: SW-2

Date Collected: 10/12/21 13:35

Date Received: 10/14/21 13:00

Method: 8021B - Volatile Organic Compounds (GC)

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000868	J	0.00200	0.000386	mg/Kg		10/20/21 13:44	10/24/21 02:18	1
Toluene	0.00131	J	0.00200	0,000457	mg/Kg		10/20/21 13:44	10/24/21 02:18	1
Ethylbenzene	<0.00200	U	0.00200	0.000566	mg/Kg		10/20/21 13:44	10/24/21 02:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	0.00101	mg/Kg		10/20/21 13:44	10/24/21 02:18	1
o-Xylene	0.000484	J	0.00200	0.000345	mg/Kg		10/20/21 13:44	10/24/21 02:18	1
Xylenes, Total	<0.00401	υ	0.00401	0.00101	mg/Kg		10/20/21 13:44	10/24/21 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 130				10/20/21 13:44	10/24/21 02:18	1
1,4-Difluorobenzene (Surr)	102		70 130				10/20/21 13:44	10/24/21 02:18	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00266	J	0.00401	0.00101	mg/Kg			10/21/21 17:04	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.9	J	50.0	15.0	mg/Kg			10/21/21 16:18	1
- Method: 8015B NM - Diesel Rang	je Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16.9	J	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:31	1
Diesel Range Organics (Over	<50.0	υ	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:31	1
C10-C28)									

Eurofins Xenco, Carlsbad

Analyzed

10/19/21 19:31

10/19/21 19:31

Prepared

10/19/21 10:17

10/19/21 10:17

Limits

70 - 130

70 - 130

%Recovery Qualifier

87

91

sbad

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: SW-2

Date Collected: 10/12/21 13:35 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Lab Sample ID: 890-1435-19

Lab Sample ID: 890-1435-20

Matrix: Solid

Matrix: Solid

Method: 300.0 - Anions, Ion Chron	natography - Soluble							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.4	4.97	0.853	mg/Kg			10/22/21 06:51	1
ta.								

Client Sample ID: SW-3

Date Collected: 10/12/21 13:04 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00172	J	0.00200	0,000386	mg/Kg		10/20/21 13:44	10/24/21 02:38	1
Toluene	0.000904	J	0.00200	0.000457	mg/Kg		10/20/21 1 3 :44	10/24/21 02:38	1
Ethylbenzene	<0.00200	U	0.00200	0.000566	mg/Kg		10/20/21 13:44	10/24/21 02;38	1
m-Xylene & p-Xylene	< 0.00401	U	0.00401	0.00101	mg/Kg		10/20/21 13:44	10/24/21 02;38	1
o-Xylene	0.000403	J	0.00200	0.000345	mg/Kg		10/20/21 13:44	10/24/21 02:38	1
Xylenes, Total	<0.00401	U	0.00401	0.00101	mg/Kg		10/20/21 13:44	10/24/21 02:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/20/21 13:44	10/24/21 02:38	1
1,4-Diffuorobenzene (Surr)	101		70 - 130				10/20/21 13:44	10/24/21 02:38	1
் Method: Total BTEX - Total BTE)	(Calculation								
Analyte	Result	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00303	J	0.00401	0.00101	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Range	Organics (DR)	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	Ū	49.9	15.0	mg/Kg			10/21/21 16:18	1
- Method: 8015B NM - Diesel Rang	je Organics (DI	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	Ū	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:51	1
Diesel Range Organics (Over	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:51	1
C10-C28) Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				10/19/21 10:17	10/19/21 19:51	1
o-Terphenyl	82		70 - 130				10/19/21 10:17	10/19/21 19:51	1
=									
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Method: 300.0 - Anions, Ion Chro Analyte		Soluble Qualifier	RL	MDL	Unit		Prepared	Analyzed	Dil Fac

Eurofins Xenco, Carlsbad

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

SDG: Lea County NM

Job ID: 890-1435-1

Lab Sample ID: 890-1435-21

Matrix: Solid

Client Sample ID: SW-4

Date Collected: 10/12/21 13:45 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	ΰ	0.00201	0.000387	mg/Kg		10/20/21 13:46	10/22/21 18:32	
Toluene	<0.00201	U	0.00201	0.000459	mg/Kg		10/20/21 13:46	10/22/21 18:32	
Ethylbenzene	0.000774	J	0.00201	0.000568	mg/Kg		10/20/21 13:46	10/22/21 18:32	
m-Xylene & p-Xylene	<0.00402	U	0.00402	0.00102	mg/Kg		10/20/21 13:46	10/22/21 18:32	
o-Xylene	<0.00201	U	0,00201	0.000346	mg/Kg		10/20/21 13:46	10/22/21 18:32	
Xylenes, Total	<0.00402	U	0.00402	0.00102	mg/Kg		10/20/21 13:46	10/22/21 18:32	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	97		70 - 130				10/20/21 13:46	10/22/21 18:32	
1,4-Difluorobenzene (Surr)	101		70 - 130				10/20/21 13:46	10/22/21 18:32	:
Method: Total BTEX - Total BTE)	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402	0.00102	mg/Kg			10/21/21 17:04	
Method: 8015 NM - Diesel Range							P	ليحسناهم ق	Dil Fac
Analyte		Qualifier	RL -	MDL		<u>D</u>	Prepared	Analyzed	DII Fat
Total TPH	<49.9	U	49.9	15.0	mg/Kg			10/21/21 16:18	
Method: 8015B NM - Diesel Rang					12.00	_	b	ā l d	DUE
Analyte		Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:09	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	84		70 - 130				10/19/21 10:19	10/19/21 18:09	1
o-Terphenyl	87		70 _ 130				10/19/21 10:19	10/19/21 18:09	1
Method: 300.0 - Anions, Ion Chro									
Analyte	Result	Qualifier	,RL	MDL		D	Prepared	Analyzed	Dil Fac
Chloride	102		5.03	0,863	mg/Kg			10/22/21 07:06	1

Client Sample ID: SW-5

Date Collected: 10/12/21 13:50 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Lab Sample ID: 890-1435-22

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0,00200	0.000386	mg/Kg		10/20/21 13:46	10/22/21 18:53	1
Toluene	<0,00200	U	0.00200	0.000457	mg/Kg		10/20/21 13:46	10/22/21 18:53	1
Ethylbenzene	<0.00200	U	0.00200	0.000566	mg/Kg		10/20/21 13:46	10/22/21 18:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	0.00101	mg/Kg		10/20/21 13:46	10/22/21 18:53	1
o-Xylene	<0.00200	U	0.00200	0.000345	mg/Kg		10/20/21 13:46	10/22/21 18:53	1
Xylenes, Total	<0.00401	U	0.00401	0.00101	mg/Kg		10/20/21 13:46	10/22/21 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/20/21 13:46	10/22/21 18:53	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

SDG: Lea County NM

Job ID: 890-1435-1

Lab Sample ID: 890-1435-22

Lab Sample ID: 890-1435-23

Matrix: Solid

Matrix: Solid

Client Sample ID: SW-5

Date Collected: 10/12/21 13:50 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Diffuorobenzeпе (Surr)	107	v	70 - 130				10/20/21 13:46	10/22/21 18:53	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0,00401	0.00101	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg			10/21/21 16:18	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	Ū	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:29	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorocctane	90		70 130				10/19/21 10:19	10/19/21 18:29	1
o-Terphenyl	98		70 - 130				10/19/21 10:19	10/19/21 18:29	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
			4.97	0,853	mg/Kg			10/22/21 07:13	1

Client Sample ID: SW-6

Date Collected: 10/12/21 13:55 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Orga	inic Compounds ((GC)							
Analyte	Result	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0,00202	0.000388	mg/Kg		10/20/21 13:46	10/22/21 19:13	1
Toluene	<0.00202	U	0.00202	0.000460	mg/Kg		10/20/21 13:46	10/22/21 19:13	1
Ethylbenzene	<0,00202	U	0.00202	0.000570	mg/Kg		10/20/21 13:46	10/22/21 19:13	1
m-Xyłene & p-Xylene	<0.00403	U	0,00403	0.00102	mg/Kg		10/20/21 13:46	10/22/21 19:13	1
o-Xylene	<0.00202	U	0.00202	0.000347	mg/Kg		10/20/21 13:46	10/22/21 19:13	1
Xylenes, Total	<0.00403	U	0.00403	0.00102	mg/Kg		10/20/21 13:46	10/22/21 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				10/20/21 13:46	10/22/21 19:13	1
1,4-Difluorobenzene (Surr)	104		70 130				10/20/21 13:46	10/22/21 19:13	1
Method: Total BTEX - Total B	ΓEX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	0.00102	mg/Kg			10/21/21 17:04	1
- Method: 8015 NM - Diesel Rar	nge Organics (DR	O) (GC)							
Analyte	-	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49,9	U	49.9	15.0	m g/K g			10/21/21 16:18	1

Eurofins Xenco, Carlsbad

Surrogate

o-Terphenyl

1-Chlorooctane

Released to Imaging: 1/27/2022 7:53:29 AM

Dil Fac

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-23

Lab Sample ID: 890-1435-24

Matrix: Solid

Matrix: Solid

Client Sample ID: SW-6

Date Collected: 10/12/21 13:55 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:50	1
(GRO)-C6-C10									_
Diesel Range Organics (Over	<49.9	U *	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:50	1
C10-C28)				•					
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chloroctane	96		70 - 130				10/19/21 10:19	10/19/21 18:50	1
o-Terphenyl	106		70 - 130				10/19/21 10:19	10/19/21 18:50	1

Method: 300.0 - Anions, Ion Chrom	atography - S	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.4		4.99	0.857	mg/Kg			10/22/21 07:20	1

Client Sample ID: SW-7

Date Collected: 10/12/21 14:00

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	0.000389	mg/Kg		10/20/21 13:46	10/22/21 19:34	1
Toluene	<0,00202	U	0.00202	0.000461	mg/Kg		10/20/21 13:46	10/22/21 19:34	1
Ethylbenzene	<0.00202	U	0.00202	0.000571	mg/Kg		10/20/21 13:46	10/22/21 19:34	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	0.00102	mg/Kg		10/20/21 13:46	10/22/21 19:34	1
o-Xylene	<0.00202	U	0.00202	0.000347	mg/Kg		10/20/21 13:46	10/22/21 19:34	1
Xylenes, Total	<0.00404	U	0.00404	0.00102	mg/Kg		10/20/21 13:46	10/22/21 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzeпе (Surr)	103	/444	70 - 130				10/20/21 13:46	10/22/21 19:34	1
1.4-Diffuorobenzene (Surr)	109		70 - 130				10/20/21 13:46	10/22/21 19:34	1
Total BTEX	<0.00404		0.00404	0,00102	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	15.0	mg/Kg			10/21/21 16:18	
-									1
: Method: 8015B NM - Diesel Rang	ge Organics (Di	RO) (GC)							1
		RO) (GC) Qualifler	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10		Qualifler	RL 50.0		Unit mg/Kg	<u>D</u>	Prepared 10/19/21 10:19	Analyzed 10/19/21 19:11	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U		15,0		<u>D</u>			1 Dil Fac
Analyte Gasoline Range Organics GRO)-C6-C10	Result	Qualifler U	50.0	15.0 15.0	mg/Kg	<u>D</u>	10/19/21 10:19	10/19/21 19:11	Dil Fac

Eurofins Xenco, Carlsbad

Analyzed

10/19/21 19:11

10/19/21 19:11

Prepared

10/19/21 10:19

10/19/21 10:19

Limits

70 - 130

70 - 130

%Recovery Qualifier

102

112

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-24

Lab Sample ID: 890-1435-25

Matrix: Solid

Matrix: Solid

Client Sample ID: SW-7

Date Collected: 10/12/21 14:00 Date Received: 10/14/21 13:00

Sample Depth: 1.5

	Method: 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac			
ĺ	Chloride	87.6	4.95	0.850 mg/Kg		10/22/21 08:17	1			

Client Sample ID: SW-8

Date Collected: 10/12/21 14:05

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	0.000389	mg/Kg		10/20/21 13:46	10/22/21 19:55	1
Toluene	<0.00202	U	0,00202	0.000461	mg/Kg		10/20/21 13:46	10/22/21 19:55	1
Ethylbenzene	<0.00202	U	0.00202	0.000571	mg/Kg		10/20/21 13:46	10/22/21 19:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	0.00102	mg/Kg		10/20/21 13:46	10/22/21 19:55	1
o-Xylene	<0.00202	U	0.00202	0.000347	mg/Kg		10/20/21 13:46	10/22/21 19:55	1
Xylenes, Total	<0.00404	U	0.00404	0.00102	mg/Kg		10/20/21 13:46	10/22/21 19:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 _ 130				10/20/21 13:46	10/22/21 19:55	1
1,4-Difluorobenzene (Surr)	107		70 - 130				10/20/21 13:46	10/22/21 19:55	1
- Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	0.00102	mg/Kg			10/21/21 17:04	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifler	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg		~~~	10/21/21 16:18	1
_									
Method: 8015B NM - Diesel Rand	ae Organics (Di	RO) (GC)							
Method: 8015B NM - Diesel Rang Analyte		RO) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics		Qualifier	RL 49.9		Unit mg/Kg	<u>D</u>	Prepared 10/19/21 10:19	Analyzed 10/19/21 19:31	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.9	Qualifier U	49.9	15.0	mg/Kg	<u>D</u>	10/19/21 10:19	10/19/21 19:31	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U		15.0		<u>D</u>			
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.9	Qualifier U	49.9	15.0 15.0	mg/Kg	<u>D</u>	10/19/21 10:19	10/19/21 19:31	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier U U *	49.9	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:19	10/19/21 19:31	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <49.9 <49.9	Qualifier U U *	49.9 49.9	15.0 15.0	mg/Kg mg/Kg	<u> </u>	10/19/21 10:19 10/19/21 10:19 10/19/21 10:19	10/19/21 19:31 10/19/21 19:31 10/19/21 19:31	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U U *	49.9 49.9 49.9 <i>Limits</i>	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:19 10/19/21 10:19 10/19/21 10:19 Prepared	10/19/21 19:31 10/19/21 19:31 10/19/21 19:31 Analyzed	1 1 1 <i>Dil Fac</i>
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U * U Qualifier	49.9 49.9 49.9 <i>Limits</i> 70 - 130	15.0 15.0	mg/Kg mg/Kg	<u>D</u>	10/19/21 10:19 10/19/21 10:19 10/19/21 10:19 Prepared 10/19/21 10:19	10/19/21 19:31 10/19/21 19:31 10/19/21 19:31 Analyzed 10/19/21 19:31	1 1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U * U Qualifier	49.9 49.9 49.9 <i>Limits</i> 70 - 130	15.0 15.0	mg/Kg mg/Kg mg/Kg	<u>D</u>	10/19/21 10:19 10/19/21 10:19 10/19/21 10:19 Prepared 10/19/21 10:19	10/19/21 19:31 10/19/21 19:31 10/19/21 19:31 Analyzed 10/19/21 19:31	1 1 1 1 Dil Fac

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-26

Matrix: Solid

Client Sample ID: SW-9

Date Collected: 10/12/21 14:10 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0,00200	0.000386	mg/Kg		10/20/21 13:46	10/22/21 20:15	
Toluene	<0,00200	U	0.00200	0.000457	mg/Kg		10/20/21 13:46	10/22/21 20:15	
Ethylbenzene	<0.00200	U	0.00200	0.000566	mg/Kg		10/20/21 13:46	10/22/21 20:15	
m-Xylene & p-Xylene	<0.00401	Ų	0.00401	0.00101	mg/Kg		10/20/21 13:46	10/22/21 20:15	1
o-Xylene	<0.00200	Ų	0.00200	0.000345	mg/Kg		10/20/21 13:46	10/22/21 20:15	1
Xylenes, Total	<0.00401	U	0.00401	0.00101	mg/Kg		10/20/21 13:46	10/22/21 20:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				10/20/21 13:46	10/22/21 20:15	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/20/21 13:46	10/22/21 20:15	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Anaiyzed	Dil Fac
Total BTEX	<0.00401	U	0,00401	0.00101	mg/Kg			10/21/21 17:04	1
Method: 8015 NM - Diesel Rang	e Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	15.0	mg/Kg			10/21/21 16:18	1
Method: 8015B NM - Diesel Ran	ge Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 19:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 19:51	1
Oll Range Organics (Over C28-C36)	<49.9	บ	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/19/21 10:19	10/19/21 19:51	1
o-Terphenyl	115		70 - 130				10/19/21 10:19	10/19/21 19:51	1
Method: 300.0 - Anions, Ion Chr	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fac
					mg/Kg			10/22/21 08:46	1

Surrogate Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1435-1	R-1	70	96	
890-1435-1 MS	R-1	85	92	
890-1435-1 MSD	R-1	96	104	
390-1435-2	R-2	74	89	
890-1435-3	R-3	82	104	
890-1435-4	R-4	80	97	
890-1435-5	R-5	71	88	
890-1435-6	R-6	99	104	
890-1435-7	R-7	72	107	
890-1435-8	R-8	98	99	
890-1435-9	R-9	94	102	
890-1435-10	R-10	89	88	
890-1435-11	R-11	92	100	
890-1435-12	R-12	91	96	
890-1435-13	R-13	88	99	
890-1435-14	R-14	97	95	
890-1435-15	R-15	90	94	
390-1435-16	R-16	89	92	
390-1435-17	R-17	94	103	
390-1435-18	SW-1	93	106	
390-1435-19	SW-2	97	102	
390-1435-20	SW-3	106	101	
390-1435-21	SW-4	97	101	
390-1435-21 MS	SW-4	92	99	
890-1435-21 MSD	SW-4	97	94	
390-1435-22	SW-5	99	107	
390-1435-23	SW-6	94	104	
390-1435-24	SW-7	103	109	
390-1435-25	SW-8	98	107	
90-1435-26	SW-9	88	100	
.CS 880-9995/1-A	Lab Control Sample	90	101	
.CS 880-9996/1-A	Lab Control Sample	88	103	
CSD 880-9995/2-A	Lab Control Sample Dup	86	98	
.CSD 880-9996/2-A	Lab Control Sample Dup	89	97	
//B 880-10082/5-A	Method Blank	111	98	
//B 880-9960/5 - A	Method Blank	99	106	
MB 880-9995/5-A	Method Blank	101	107	
MB 880-9996/5-A	Method Blank	112	95	
Paragraph I amount				
Surrogate Legend				

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1 CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1422-A-11-B MS	Matrix Spłke	88	88	

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

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

Matrix: Solid Prep Type: Total/NA

Percent Surrogate Rec				
	OTPH1	1001		
	(70-130)	(70-130)	Client Sample ID	Lab Sample ID
	92	91	Matrix Spike Duplicate	890-1422-A-11-C MSD
	84	82	R-1	890-1435-1
	80	86	R-1	90-1435-1 MS
	92	97	R-1	90-1435-1 MSD
	76	76	R-2	90-1435-2
	84	82	R-3	90-1435-3
	83	81	R-4	90-1435-4
	96	93	R-5	90-1435-5
	81	79	R-6	90-1435-6
	80	77	R-7	90-1435-7
	91	88	R-8	90-1435-8
	91	88	R-9	90-1435-9
	86	83	R-10	90-1435-10
	94	88	R-11	90-1435-11
	93	88	R-12	90-1435-12
	88	86	R-13	90-1435-13
	87	84	R-14	0-1435-14
	84	81	R-15	0-1435-15
	94	90	R-16	90-1435-16
	89	86	R-17	0-1435-17
	89	85	SW-1	90-1435-18
	91	87	SW-2	00-1435-19
	82	81	SW-3	90-1435-20
	87	84	SW-4	0-1435-21
	98	90	SW-5	90-1435-22
	106	96	SW-6	90-1435-23
	112	102	SW-7	90-1435-24
	97	89	SW-8	90-1435-25
	115	102	SW-9	90-1435-26
	83	84	Lab Control Sample	CS 880-9839/2-A
	106	103	Lab Control Sample	CS 880-9839/2-A
	94	90	Lab Control Sample Dup	CSD 880-9839/3-A
	89	87	Lab Control Sample Dup	CSD 880-9840/3-A
	120	108	Method Blank	B 880-9839/1-A
	103	90	Method Blank	1B 880-9840/1-A
			monda blain	ID 000-80401 (*/A
			<u> </u>	Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

Received by OCD: 1/10/2022 7:06:31 AM

Eurofins Xenco, Carlsbad

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-10082/5-A Matrix: Solid Analysis Batch: 10086							Client Sa	mple ID: Metho Prep Type: T Prep Batch	Γotal/NA
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200		0.00200	0,000385	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
Toluene	<0.00200		0.00200	0.000456			10/21/21 13:00	10/22/21 07:08	1
Ethylbenzene	<0.00200		0,00200	0.000565	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 130				10/21/21 13:00	10/22/21 07:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130				10/21/21 13:00	10/22/21 07:08	1

Lab Sample ID: MB 880-9960/5-A

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 9960

	CINI	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		10/20/21 11:13	10/23/21 05:43	1
Toluene	<0.00200	U	0.00200	0,000456	mg/Kg		10/20/21 11:13	10/23/21 05:43	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		10/20/21 11:13	10/23/21 05:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 11:13	10/23/21 05:43	1
o-Xylene	<0.00200	U	0,00200	0.000344	mg/Kg		10/20/21 11:13	10/23/21 05:43	1
Xylenes, Total	<0.00400	U	0.00400	0,00101	mg/Kg		10/20/21 11:13	10/23/21 05:43	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/20/21 11:13	10/23/21 05:43	
1 4-Diffuorobenzene (Surr)	106		70 - 130				10/20/21 11:13	10/23/21 05:43	1

MR MR

Lab Sample ID: MB 880-9995/5-A

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: Method Blank
Prep Type: Total/NA
Pren Batch: 9995

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
Ethylbenzene	<0,00200	U	0,00200	0.000565	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
Xylenes, Total	<0.00400	U	0,00400	0.00101	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
	MB	мв							

Surrogate	%Recovery	Qualifier	Limits	Prepared Analy	zed Dil Fac
4-Bromofluorobenzene (Surr)	101		70 _ 130	10/20/21 13:44 10/23/21	18:12 1
1,4-Difluorobenzene (Surr)	107		70 - 130	10/20/21 13:44 10/23/21	18:12 1

Eurofins Xenco, Carlsbad

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

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

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-9995/1-A Prep Type: Total/NA Matrix: Solid Prep Batch: 9995 Analysis Batch: 10201 %Rec. Spike LCS LCS Limits Result Qualifier Unit %Rec Added Analyte 70 _ 130 0.1056 106 Benzene 0.100 mg/Kg mg/Kg 111 70 - 1300.100 0.1112 Toluene mg/Kg 115 70.130 0.1155 Ethylbenzene 0.100 mg/Kg 0,2223 111 70 - 130 0.200 m-Xylene & p-Xylene 121 70 - 130 0.100 0.1212 mg/Kg o-Xylene

	LCS LC	cs	
Surrogate	%Recovery Qu	ualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Diffuorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-9995/2-A Matrix: Solid

Analysis Batch: 10201

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 9995

	Spike	LCSD LCSD				%Rec.		RPD
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0,100	0.1078	mg/Kg		108	70 - 130	2	35
Toluene	0.100	0,1090	mg/Kg		109	70 - 130	2	35
Ethylbenzene	0.100	0.1119	mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2173	mg/Kg		109	70 - 130	2	35
o-Xylene	0.100	0.1102	mg/Kg		110	70 - 130	10	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1.4-Diffuorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-1435-1 MS

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: R-1 Prep Type: Total/NA Prep Batch: 9995

•	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.000490	J	0.0998	0.006734	N1	mg/Kg		6	70 - 130	
Toluene	0.000469	J	0.0998	0.001801	J N1	mg/Kg		1	70 - 130	
Ethylbenzene	0,00130	J	0.0998	0.003310	N1	mg/Kg		2	70 - 130	
m-Xylene & p-Xylene	<0.00396	U	0.200	0.002906	J N1	mg/Kg		1	70 - 130	
o-Xylene	<0.00198	U	0,0998	0.002290	N1	mg/Kg		2	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1.4-Difluorobenzene (Surr)	92		70 ₋ 130

Lab Sample ID: 890-1435-1 MSD

Matrix: Solid

Analysis Batch: 1020

Client Sample ID: R-1 Prep Type: Total/NA Prep Batch: 9995 %Rec. RPD

Analysis Batch: 10201									LIC	P Daten	. 5555
,,	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.000490	J	0.0996	0.1048	N2	mg/Kg		105	70 - 130	176	35
Toluene	0.000469	J	0.0996	0.1046	N2	mg/Kg		105	70 - 130	193	35
Ethylbenzene	0.00130	J	0.0996	0.1019	N2	mg/Kg		101	70 - 130	187	35

Eurofins Xenco, Carlsbad

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

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

Lab Sample ID: 890-1435-1 MSD

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: R-1 Prep Type: Total/NA

Prep Batch: 9995

Analysis Batom 10201	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
m-Xylene & p-Xylene	<0,00396	U	0.199	0.2028	N2	mg/Kg		102	70 - 130	194	35
o-Xylene	<0.00198	U	0.0996	0.1083	N2	mg/Kg		109	70 - 130	192	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1.4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-9996/5-A

Matrix: Solid

Analysis Batch: 10086

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9996

		CHM	MID							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		10/20/21 13:46	10/22/21 18:10	1
	Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/20/21 13:46	10/22/21 18:10	1
	Ethylbenzene	<0.00200	υ	0.00200	0.000565	mg/Kg		10/20/21 13:46	10/22/21 18:10	1
	m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 13:46	10/22/21 18:10	1
	o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		10/20/21 13:46	10/22/21 18:10	1
	Xylenes, Total	<0.00400	11	0.00400	0.00101	mg/Kg		10/20/21 13:46	10/22/21 18:10	1
- 6	Victor Ing	.0.00100	-							

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/20/21 13:46 10/22/21 18:10	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/20/21 13:46 10/22/21 18:10	1

Lab Sample ID: LCS 880-9996/1-A

Matrix: Solid

Analysis Batch: 10086

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9996

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09335	2	mg/Kg		93	70 - 130	
Toluene	0.100	0.07413		mg/Kg		74	70 130	
Ethylbenzene	0.100	0.07549		mg/Kg		75	70 - 130	
m-Xylene & p-Xylene	0.200	0.1443		mg/Kg		72	70 - 130	
o-Xylene	0.100	0.07543		mg/Kg		75	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualitier	Limits
4-Bromofluorobenzene (Surr)	88		70 _ 130
1,4-Difluorobenzene (Surr)	103		70 130

Lab Sample ID: LCSD 880-9996/2-A

Matrix: Solid

o-Xylene

Received by OCD: 1/10/2022 7:06:31 AM

Analysis Batch: 10086

Client Sample ID: Lab Control Sample Dup	р
--	---

70 - 130

Prep Type: Total/NA

Prep Batch: 9996

,	5	Spike LCS	SD LCSD				%Rec.		RPD
Analyte	А	dded Resu	ult Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene		0.100 0,0889	94	mg/Kg	_	89	70 - 130	5	35
Toluene	(0.100 0.0766	68	mg/Kg		77	70 - 130	3	35
Ethylbenzene	ŗ	0.100 0.0785	51	mg/Kg		79	70 - 130	4	35
m-Xylene & p-Xylene	ŗ	0.200 0.15	11	mg/Kg		76	70 - 130	5	35

0.07881

mg/Kg

Eurofins Xenco, Carlsbad

0.100

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-1435-21 MS

Matrix: Solid

Analysis Batch: 10086

Client Sample ID: SW-4 Prep Type: Total/NA Prep Batch: 9996

Allarysis Butch. 10000	Sample	Sample	Spike	MS	MS			%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier Unit	D	%Rec	Limits
Benzene	<0.00201	U	0.100	0.08632	mg/Kg		86	70 - 130
Toluene	<0.00201	U	0.100	0.07422	mg/Kg		74	70 - 130
Ethylbenzene	0.000774	J	0.100	0.07651	mg/Kg		75	70 - 130
m-Xylene & p-Xylene	< 0.00402	U	0.201	0.1472	mg/Kg		73	70 - 130
o-Xylene	<0.00201	U	0.100	0,07573	mg/Kg		75	70 - 130
	MS	MS						

%Recovery Qualifier Surrogate 70 - 130 92 4-Bromofluorobenzene (Surr) 99 70 - 130 1,4-Difluorobenzene (Surr)

Lab Sample ID: 890-1435-21 MSD

Matrix: Solid

Client Sample ID: SW-4 Prep Type: Total/NA

Prep Batch: 9996

Analysis Batch: 10086									116	p Daten	. 5550
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.0994	0.07506		mg/Kg		76	70 - 130	14	35
Toluene	<0.00201	U	0.0994	0.07039		mg/Kg		71	70 - 130	5	35
Ethylbenzene	0.000774	J	0,0994	0.07210		mg/Kg		72	70 - 130	6	35
m-Xylene & p-Xylene	< 0.00402	U	0.199	0.1394		mg/Kg		70	70 - 130	5	35
o-Xylene	<0.00201	U	0.0994	0.07211		mg/Kg		73	70 130	5	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	97		70 - 130								
1,4-Difluorobenzene (Surr)	94		70 - 130								

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

Lab Sample ID: MB 880-9839/1-A

Matrix: Solid

Analysis Batch: 9821

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

Prep Batch: 9839

ļ		MB	MB							
1	Analyte	Result	Qualifier	RL	MDL	Unit	D	P <i>r</i> epared	Analyzed	Dil Fac
	Gasoline Range Organics	<50.0	U	50.0	15.0	mg/Kg	,	10/19/21 10:17	10/19/21 10:50	1
	(GRO)-C6-C10 Diesel Range Organics (Over	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 10:50	1
	C10-C28)									4
	Oll Range Organics (Over C28-C36)	17.73	J	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 10:50	1
		МВ	MB							

	MD	MID				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	10/19/21 10:17	10/19/21 10:50	1
o-Terphenyl	120		70 - 130	10/19/21 10:17	10/19/21 10:50	1

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Lab Sample ID: LCSD 880-9839/3-A

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: Lab Control Sample Dup

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

Lab Sample ID: LCS 880-9839 Matrix: Solid Analysis Batch: 9821	9/2-A						Client	Sample Fotal/NA ch: 9839		
,			Spike	LCS	LCS				%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics			1000	911.4		mg/Kg		91	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over			1000	763.3		mg/Kg		76	70 - 130	
C10-C28)										
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	84		70 - 130							
o-Terphenyl	83		70 _– 130							

Matrix: Solid Analysis Batch: 9821							•	Type: Tot p Batch:	
Allaysic Datom vou	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	<u>D</u>	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	934.2		mg/Kg		93	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	875,5		mg/Kg		88	70 130	14	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90	•	70 - 130
o-Terphenyl	94		70 - 130

Client Sample ID: R-1 Lab Sample ID: 890-1435-1 MS Prep Type: Total/NA Matrix: Solid Prep Batch: 9839 Analysis Batch: 9821

Spike MS MS Sample Sample Added Result Qualifier Unit %Rec Limits Result Qualifier Analyte 998 1049 mg/Kg 105 70 - 130 <49.9 U Gasoline Range Organics (GRO)-C6-C10 70 - 130 <49.9 U 998 780.1 mg/Kg 78 Diesel Range Organics (Over

70 - 130

MS MS Qualifier Limits %Recovery Surrogate 70 - 130 86 1-Chlorooctane

80

Lab Sample ID: 890-1435-1 MSD

C10-C28)

o-Terphenyl

Matrix: Solid									Prep	iype; io	ta#NA
Analysis Batch: 9821									Pre	p Batch	: 9839
,	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.9	Ū	1000	1193		mg/Kg		119	70 - 130	13	20
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9	U	1000	876,5		mg/Kg		88	70 . 130	12	20
	Men	Men									

MSD MSD Limits %Recovery Qualifier 70 - 130 1-Chlorooctane 97

Eurofins Xenco, Carlsbad

Client Sample ID: R-1

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: R-1

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

Lab Sample ID: 890-1435-1 MSD

Matrix: Solid

Analysis Batch: 9821

Prep Type: Total/NA Prep Batch: 9839

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	92	•	70 _ 130

Lab Sample ID: MB 880-9840/1-A

Matrix: Solid

Analysis Batch: 9823

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9840

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50,0	15.0	mg/Kg		10/19/21 10:19	10/19/21 10:50	1
Diesel Range Organics (Over C10-C28)	18.02	J	50.0	15.0	mg/Kg		10/19/21 10:19	10/19/21 10:50	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:19	10/19/21 10:50	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90	4.00	70 - 130				10/19/21 10:19	10/19/21 10:50	1
o-Terphenyl	103		70 - 130				10/19/21 10:19	10/19/21 10:50	1

Lab Sample ID: LCS 880-9840/2-A

Matrix: Solid

Analysis Batch: 9823

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

Prep Batch: 9840

	Spike	LCS	LCS				%Nec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1003	ŗ	mg/Kg		100	70 - 130	
(GRO)-C6-C10							10 0	
Diesel Range Organics (Over	1000	1059		mg/Kg		106	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	103	70 _ 130
o-Terohenvl	106	70 - 130

Lab Sample ID: LCSD 880-9840/3-A

Matrix: Solid

Analysis Batch: 9823

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9840

Analysis Batcii, 9025								F	
7	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	898.0		mg/Kg		90	70 - 130	11	20
(GRO)-C6-C10							70 400	0.0	
Diesel Range Organics (Over	1000	850.9	*	mg/Kg		85	70 - 130	22	20
C10-C28)									

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Ternhenyl	89		70 - 130

Received by OCD: 1/10/2022 7:06:31 AM

QC Sample Results

Client: Talon/LPE

1-Chlorooctane

1-Chlorooctane

o-Terphenyl

o-Terphenyl

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

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

88

88

91

92

Lab Sample ID: 890-1422-A- Matrix: Solid Analysis Batch: 9823	-11-B MS	Sample Sample Spike MS MS						Client	Prep Ty	Matrix Spike pe: Total/NA Batch: 9840
	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	_ D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	36.5	1	1000	864.1		mg/Kg		83	70 - 130	
Diesel Range Organics (Over C10-C28)	57.1	b *	1000	900.1		mg/Kg		84	70 _ 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							

Lab Sample ID: 890-1422-A Matrix: Solid Analysis Batch: 9823	-11-C MSD					CI	ient S	ampie iL	-	յրն ընկ Type: To p Batch	tal/NA
Allaiysis Datell. 3020	Sample	Sample	Spike	MSD	MSD				%Rec.	•	RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	36.5	J	1000	960,5		mg/Kg		92	70 - 130	11	20
(GRO)-C6-C10											
Diesel Range Organics (Over	57.1	b *	1000	926.0		mg/Kg		87	70 - 130	3	20
C10-C28)											
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

70 - 130

70 - 130

70 - 130

70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-9768/1-A

Lab Sample ID: LCS 880-9768/2-A

Matrix: Solid								Prep Type: So	oluble
Analysis Batch: 10010									
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

	11110	1,10						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	0,858 mg/Kg			10/21/21 15:11	1

Billian Colid						•	Pren	Type: Soluble
Matrix: Solid								.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Analysis Batch: 10010								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	258.5		mg/Kg		103	90 - 110	

Cindida										
Lab Sample ID: LCSD 880-9768/3-A Matrix: Solid Analysis Batch: 10010				Clie	nt Sam	nple ID: I	Lab Contro Prep	ol Sampl Type: S		
Analysis Batom 10010	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	

252.6

mg/Kg

250

Eurofins Xenco, Carlsbad

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

90 _ 110

101

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1434-A-8-B M	s							Clien	t Sample ID	: Matrix	Spike
Matrix: Solid	,									Type: S	
Analysis Batch: 10010										.,,	
Analysis Batch, 10010	Samnle	Sample	Spike	MS	MS				%Rec.		
Analyte	-	Qualifier	Added		Qualifie	r Unit		%Rec	Limits		
Chloride	195	- Cadimar	251	443.6		mg/Kg		99	90 _ 110		
-	100										
- Lab Sample ID: 890-1434-A-8-C MS	SD						Client:	Sample II	D: Matrix S _l	oike Dup	licate
Matrix: Solid									Ргер	Type: S	oluble
Analysis Batch: 10010											
7, 672 = 22233	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifie	Unit	0	%Rec	Limits	RPD	Limit
Chloride	195		251	444.8		mg/Kg		100	90 _ 110	0	20
-											
Lab Sample ID: MB 880-9769/1-A								Client	Sample ID:		
Matrix: Solid									Prep	Type: S	oluble
Analysis Batch: 10149											
		MB MB									
Analyte	R	esult Quali	fier	RL	MDL Un	it	<u>D</u>	Prepared	Analyz		Dii Fac
Chloride	<	5.00 U		5.00	0,858 mg	/Kg			10/22/21	03:45	1
							Clia.	at Comple	o IDo Lab Ca	ontrol C	mnla
Lab Sample ID: LCS 880-9769/2-A							Cite	it Sampie	e ID: Lab Co	Type: S	
Matrix: Solid									Fieh	Type. 3	Jiubie
Analysis Batch: 10149									%Rec.		
			Spike		LCS		_	0/ 5			
Analyte		NAIT	Added		Qualifier		D		Limits		
Chloride			250	260.8		mg/Kg		104	90 _ 110		
Lab Sample ID: LCSD 880-9769/3- <i>i</i>						CI	ient Sa	mple ID:	Lab Contro	i Sampl	e Dup
•	`					-				Type: S	
Matrix: Solid										.,,,,,,,,	
			Spike	LCSD	LCSD				%Rec.		RPD
Analysis Batch: 10149			JUINE	LOOD			_		,		Limit
•			•	Regult	Qualifier	Unit	n	%Rec	Limits	RPD	LIIIII
Analyte	·		Added		Qualifier		<u>D</u>	%Rec 103	90 - 110		20
•	·		•	Result 257.3	Qualifier	mg/Kg	<u>D</u>				
Analyte Chloride			Added		Qualifier		<u>D</u>			1	20
Analyte Chloride Lab Sample ID: 890-1435-4 MS	·	Al-	Added		Qualifier		<u>D</u>		90 - 110 Client S	1	20 D: R-4
Analyte Chloride	·		Added		Qualifier		<u>D</u>		90 - 110 Client S	1 ample II	20 D: R-4

Lab Sample ID: 890-1435-4 MSD Matrix: Solid										Sample II Type: S	
Analysis Batch: 10149											
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	200	-4	248	460.5		mg/Kg		105	90 . 110	1	20

Added

248

Result Qualifier

200

Result Qualifier

457.7

Unit

mg/Kg

Lab Sample ID: 890-1435-14 MS

Matrix: Solid

Analyte

Chloride

Analysis Batch: 10149

•	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	75.1		251	339,8		mg/Kg		106	90 - 110	

Eurofins Xenco, Carlsbad

Client Sample ID: R-14

Prep Type: Solubie

Limits

90 - 110

%Rec

104

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: Method Blank

Prep Type: Soluble

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: R-14 Lab Sample ID: 890-1435-14 MSD Prep Type: Soluble Matrix: Solid Analysis Batch: 10149 RPD MSD MSD %Rec. Spike Sample Sample

Limits RPD Limit D %Rec Result Qualifier Added Result Qualifier Unit Analyte 90 .. 110 20 106 75.1 251 341.5 mg/Kg Chloride

Lab Sample ID: MB 880-9775/1-A

Matrix: Solid

Analysis Batch: 10150

мв мв

Dil Fac D Analyzed Result Qualifier RL MDL Unit Prepared Analyte 10/22/21 07:56 5,00 0.858 mg/Kg <5.00 Ū Chloride

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-9775/2-A Prep Type: Soluble Matrix: Solid

Analysis Batch: 10150

%Rec. LCS LCS Spike Qualifier Unît D %Rec Limits Added Result Analyte 250 259.4 mg/Kg 104 90 - 110 Chloride

Client Sample ID: Lab Control Sample Dup Lab Sample ID: LCSD 880-9775/3-A Prep Type: Soluble Matrix: Solid

Analysis Batch: 10150

LCSD LCSD %Rec. RPD Spike %Rec Limits **RPD** Limit Added Result Qualifier Unit Analyte mg/Kg 105 90 - 110 250 262.6 Chloride

Client Sample ID: SW-7 Lab Sample ID: 890-1435-24 MS Prep Type: Soluble

Matrix: Solid

Analysis Batch: 10150

%Rec. Spike MS MS Sample Sample Qualifier Result Qualifier %Rec Limits Added Unit Analyte Result 90 - 110 105 87.6 248 347.6 mg/Kg Chloride

Lab Sample ID: 890-1435-24 MSD

Matrix: Solid

Received by OCD: 1/10/2022 7:06:31 AM

Analysis Batch: 10150

MSD MSD %Rec. RPD Spike Sample Sample Limit Limits RPD Result Qualifier %Rec Result Qualifier Added Unit Analyte 20 90 - 110 106 87.6 248 350.3 mg/Kg Chloride

Eurofins Xenco, Carlsbad

Client Sample ID: SW-7

Prep Type: Soluble

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

GC VOA

Prep	р Ва	tch:	9960
------	------	------	------

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-9960/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 9995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-1	R-1	Total/NA	Solid	5035	
890-1435-2	R-2	Total/NA	Solid	5035	
890-1435-3	R-3	Total/NA	Solid	5035	
890-1435-4	R-4	Total/NA	Solid	5035	
890-1435-5	R-5	Total/NA	Solid	5035	
890-1435-6	R-6	Total/NA	Solid	5035	
890-1435-7	R-7	Total/NA	Solid	5035	
890-1435-8	R-8	Total/NA	Solid	5035	
890-1435-9	R-9	Total/NA	Solid	5035	
890-1435-10	R-10	Total/NA	Solid	5035	
890-1435-11	R-11	Total/NA	Solid	5035	
890-1435-12	R-12	Total/NA	Solid	5035	
890-1435-13	R-13	Total/NA	Solid	5035	
890-1435-14	R-14	Total/NA	Solid	5035	
890-1435-15	R-15	Total/NA	Solid	5035	
890-1435-16	R-16	Total/NA	Solid	5035	
890-1435-17	R-17	Total/NA	Solid	5035	
890-1435-18	SW-1	Total/NA	Solid	5035	
890-1435-19	SW-2	Total/NA	Solid	5035	
890-1435-20	SW-3	Total/NA	Solid	5035	
MB 880-9995/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-9995/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-9995/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1435-1 MS	R-1	Total/NA	Solid	5035	
890-1435-1 MSD	R-1	Total/NA	Solid	5035	

Prep Batch: 9996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-21	SW-4	Total/NA	Solid	5035	
890-1435-22	SW-5	Total/NA	Solid	5035	
890-1435-23	SW-6	Total/NA	Solid	5035	
890-1435-24	SW-7	Total/NA	Solid	5035	
890-1435-25	SW-8	Total/NA	Solid	5035	
890-1435-26	SW-9	Total/NA	Solid	5035	
MB 880-9996/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-9996/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-9996/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1435-21 MS	SW-4	Total/NA	Solid	5035	
890-1435-21 MSD	SW-4	Total/NA	Solid	5035	

Prep Batch: 10082

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
MB 880-10082/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 10086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-21	SW-4	Total/NA	Solid	8021B	9996

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 10086 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-22	SW-5	Total/NA	Solid	8021B	9996
890-1435-23	SW-6	Total/NA	Solid	8021B	9996
890-1435-24	SW-7	Total/NA	Solid	8021B	9996
890-1435-25	SW-8	Total/NA	Solid	8021B	9996
890-1435-26	SW-9	Total/NA	Solid	8021B	9996
MB 880-10082/5-A	Method Blank	Total/NA	Solid	8021B	10082
MB 880-9996/5-A	Method Blank	Total/NA	Solid	8021B	9996
LCS 880-9996/1-A	Lab Control Sample	Total/NA	Solid	8021B	9996
LCSD 880-9996/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	9996
890-1435-21 MS	SW-4	Total/NA	Solid	8021B	9996
890-1435-21 MSD	SW-4	Total/NA	Solid	8021B	9996

Analysis Batch: 10147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-1	R-1	Total/NA	Solid	Total BTEX	
890-1435-2	R-2	Total/NA	Solid	Total BTEX	
890-1435-3	R-3	Total/NA	Solid	Total BTEX	
890-1435-4	R-4	Total/NA	Solid	Total BTEX	
890-1435-5	R-5	Total/NA	Solid	Total BTEX	
890-1435-6	R-6	Total/NA	Solid	Total BTEX	
890-1435-7	R-7	Total/NA	Solid	Total BTEX	
890-1435-8	R-8	Total/NA	Solid	Total BTEX	
890-1435-9	R-9	Total/NA	Solid	Total BTEX	
890-1435-10	R-10	Totał/NA	Solid	Total BTEX	
890-1435-11	R-11	Total/NA	Solid	Total BTEX	
890-1435-12	R-12	Total/NA	Solid	Total BTEX	
890-1435-13	R-13	Total/NA	Solid	Total BTEX	
890-1435-14	R-14	Total/NA	Solid	Total BTEX	
890-1435-15	R-15	Total/NA	Solid	Total BTEX	
890-1435-16	R-16	Total/NA	Solid	Total BTEX	
890-1435-17	R-17	Total/NA	Solid	Total BTEX	
890-1435-18	SW-1	Total/NA	Solid	Total BTEX	
890-1435-19	SW-2	Total/NA	Solid	Total BTEX	
890-1435-20	SW-3	Total/NA	Solid	Total BTEX	
890-1435-21	SW-4	Total/NA	Solid	Total BTEX	
890-1435-22	SW-5	Total/NA	Solid	Total BTEX	
890-1435-23	SW-6	Total/NA	Solid	Total BTEX	
890-1435-24	SW-7	Total/NA	Solid	Total BTEX	
890-1435-25	SW-8	Total/NA	Solid	Total BTEX	
890-1435-26	SW-9	Total/NA	Solid	Total BTEX	

Analysis Batch: 10201

Received by OCD: 1/10/2022 7:06:31 AM

390-1435-25	SW-8	Total/NA	Solid	Total BTEX	
390-1435-26	SW-9	Total/NA	Solid	Total BTEX	
nalysis Batch: 102	201				
_ab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
390-1435-1	R-1	Total/NA	Solid	8021B	9995
390-1435-2	R-2	Total/NA	Solid	8021B	9995
390-1435-3	R-3	Total/NA	Solid	8021B	9995
390-1435-4	R-4	Total/NA	Solid	8021B	9995
390-1435-5	R-5	Total/NA	Solid	8021B	9995
390-1435-6	R-6	Total/NA	Solid	8021B	9995
390-1435-7	R-7	Total/NA	Solid	8021B	9995
390-1435-8	R-8	Total/NA	Solid	8021B	9995
				Eurofins X	enco, Carlsbad

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 10201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-9	R-9	Total/NA	Solid	8021B	9995
890-1435-10	R-10	Total/NA	Solid	8021B	9995
890-1435-11	R-11	Total/NA	Solid	8021B	9995
890-1435-12	R-12	Total/NA	Solid	8021B	9995
890-1435-13	R-13	Total/NA	Solid	8021B	9995
890-1435-14	R-14	Total/NA	Solid	8021B	9995
890-1435-15	R-15	Total/NA	Solid	8021B	9995
890-1435-16	R-16	Total/NA	Solid	8021 B	9995
890-1435-17	R-17	Total/NA	Solid	8021B	9995
890-1435-18	SW-1	Total/NA	Solid	8021B	9995
890-1435-19	SW-2	Total/NA	Solid	8021B	9995
890-1435-20	SW-3	Total/NA	Solid	8021B	9995
MB 880-9960/5-A	Method Blank	Total/NA	Solid	8021B	9960
MB 880-9995/5-A	Method Blank	Total/NA	Solid	8021B	9995
LCS 880-9995/1-A	Lab Control Sample	Total/NA	Solid	8021B	9995
LCSD 880-9995/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	9995
890-1435-1 MS	R-1	Total/NA	Solid	8021B	9995
890-1435-1 MSD	R-1	Total/NA	Solid	8021B	9995
No. of					

GC Semi VOA

Analysis Batch: 9821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-1	R-1	Total/NA	Solid	8015B NM	9839
890-1435-2	R-2	Total/NA	Solid	8015B NM	9839
890-1435-3	R-3	Total/NA	Solid	8015B NM	9839
890-1435-4	R-4	Total/NA	Solid	8015B NM	9839
890-1435-5	R-5	Total/NA	Solid	8015B NM	9839
890-1435-6	R-6	Total/NA	Solid	8015B NM	9839
890-1435-7	R-7	Total/NA	Solid	8015B NM	9839
890-1435-8	R-8	Total/NA	Solid	8015B NM	9839
890-1435-9	R-9	Total/NA	Solid	8015B NM	9839
890-1435-10	R-10	Total/NA	Solid	8015B NM	9839
890-1435-11	R-11	Total/NA	Solid	8015B NM	9839
890-1435-12	R-12	Total/NA	Solid	8015B NM	9839
890-1435-13	R-13	Total/NA	Solid	8015B NM	9839
890-1435-14	R-14	Total/NA	Solid	8015B NM	9839
890-1435-15	R-15	Total/NA	Solid	8015B NM	9839
890-1435-16	R-16	Total/NA	Solid	8015B NM	9839
890-1435-17	R-17	Total/NA	Solid	8015B NM	9839
890-1435-18	SW-1	Total/NA	Solid	8015B NM	9839
890-1435-19	SW-2	Total/NA	Solid	8015B NM	9839
890-1435-20	SW-3	Total/NA	Solid	8015B NM	9839
MB 880-9839/1-A	Method Biank	Total/NA	Solid	8015B NM	9839
LCS 880-9839/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	9839
LCSD 880-9839/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	9839
890-1435-1 MS	R-1	Total/NA	Solid	8015B NM	9839
890-1435-1 MSD	R-1	Total/NA	Solid	8015B NM	9839

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

GC Semi VOA

Analysis Batch: 9823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-21	SW-4	Total/NA	Solid	8015B NM	9840
890-1435-22	SW-5	Total/NA	Solid	8015B NM	9840
890-1435-23	SW-6	Total/NA	Solid	8015B NM	9840
890-1435-24	SW-7	Total/NA	Solid	8015B NM	9840
890-1435-25	SW-8	Total/NA	Solid	8015B NM	9840
890-1435-26	SW-9	Total/NA	Solid	8015B NM	9840
MB 880-9840/1-A	Method Blank	Total/NA	Solid	8015B NM	9840
LCS 880-9840/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	9840
LCSD 880-9840/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	9840
890-1422-A-11-B MS	Matrix Spike	Total/NA	Solid	8015B NM	9840
890-1422-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	9840

Prep Batch: 9839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-1	R-1	Total/NA	Solid	8015NM Prep	
890-1435-2	R-2	Total/NA	Solid	8015NM Prep	
890-1435-3	R-3	Total/NA	Solid	8015NM Prep	
890-1435-4	R-4	Total/NA	Solid	8015NM Prep	
890-1435-5	R-5	Total/NA	Solid	8015NM Prep	
890-1435-6	R-6	Total/NA	Solid	8015NM Prep	
890-1435-7	R-7	Total/NA	Solid	8015NM Prep	
890-1435-8	R-8	Total/NA	Solid	8015NM Prep	
890-1435-9	R-9	Total/NA	Solid	8015NM Prep	
890-1435-10	R-10	Total/NA	Solid	8015NM Prep	
890-1435-11	R-11	Total/NA	Solid	8015NM Prep	
890-1435-12	R-12	Total/NA	Solid	8015NM Prep	
890-1435-13	R-13	Total/NA	Solid	8015NM Prep	
890-1435-14	R-14	Total/NA	Solid	8015NM Prep	
890-1435-15	R-15	Total/NA	Solid	8015NM Prep	
890-1435-16	R-16	Total/NA	Solid	8015NM Prep	
890-1435-17	R-17	Total/NA	Solid	8015NM Prep	
890-1435-18	SW-1	Total/NA	Solid	8015NM Prep	
890-1435-19	SW-2	Total/NA	Solid	8015NM Prep	
890-1435-20	SW-3	Total/NA	Solid	8015NM Prep	
MB 880-9839/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-9839/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-9839/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1435-1 MS	R-1	Total/NA	Solid	8015NM Prep	
890-1435-1 MSD	R-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 9840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-21	SW-4	Total/NA	Solid	8015NM Prep	
890-1435-22	SW-5	Total/NA	Solid	8015NM Prep	
890-1435-23	SW-6	Total/NA	Solid	8015NM Prep	
890-1435-24	SW-7	Total/NA	Solid	8015NM Prep	
890-1435-25	SW-8	Total/NA	Solid	8015NM Prep	
890-1435-26	SW-9	Total/NA	Solid	8015NM Prep	
MB 880-9840/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-9840/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-9840/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Received by OCD: 1/10/2022 7:06:31 AM

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 9840 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1422-A-11-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1422-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 10145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Bato
390-1435-1	R-1	Total/NA	Solid	8015 NM	
890-1435-2	R-2	Total/NA	Solid	8015 NM	
890-1435-3	R-3	Total/NA	Solid	8015 NM	
890-1435-4	R-4	Total/NA	Solid	8015 NM	
890-1435-5	R-5	Total/NA	Solid	8015 NM	
890-1435-6	R-6	Total/NA	Solid	8015 NM	
890-1435-7	R-7	Total/NA	Solid	8015 NM	
890-1435-8	R-8	Total/NA	Solid	8015 NM	
B90-1435-9	R-9	Total/NA	Solid	8015 NM	
390-1435-10	R-10	Total/NA	Solid	8015 NM	
390-1435-11	R-11	Total/NA	Solid	8015 NM	
390-1435-12	. R-12	Total/NA	Solid	8015 NM	
390-1435-13	R-13	Total/NA	Solid	8015 NM	
390-1435-14	R-14	Total/NA	Solid	8015 NM	
390-1435-15	R-15	Total/NA	Solid	8015 NM	
390-1435-16	R-16	Total/NA	Solid	8015 NM	
390-1435-17	R-17	Total/NA	Solid	8015 NM	
90-1435-18	SW-1	Total/NA	Solid	8015 NM	
190-1435-19	SW-2	Total/NA	Solid	8015 NM	
90-1435-20	SW-3	Total/NA	Solid	8015 NM	
990-1435-21	SW-4	Total/NA	Solid	8015 NM	
90-1435-22	SW-5	Total/NA	Solid	8015 NM	
90-1435-23	SW-6	Total/NA	Solid	8015 NM	
90-1435-24	SW-7	Total/NA	Solid	8015 NM	
90-1435-25	SW-8	Total/NA	Solid	8015 NM	
90-1435-26	SW-9	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 9768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-1	R-1	Soluble	Solid	DI Leach	
890-1435-2	R-2	Soluble	Solid	DI Leach	
890-1435-3	R-3	Soluble	Solid	DI Leach	
MB 880-9768/1-A	Method Blank	Soluble	Solid	Dí Leach	
LCS 880-9768/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-9768/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1434-A-8-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1434-A-8-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 9769

Lab Sample ID 890-1435-4	Client Sample ID	Prep Type Soluble	Matrix Solid	Method DI Leach	Prep Batch
890-1435-5	R-5	Soluble	Solid	DI Leach	
890-1435-6	R-6	Soluble	Solid	DI Leach	
890-1435-7	R-7	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 9769 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-8	R-8	Soluble	Solid	DI Leach	
890-1435-9	R-9	Soluble	Solid	DI Leach	
890-1435-10	R-10	Soluble	Solid	DI Leach	
890-1435-11	R-11	Soluble	Solid	DI Leach	
890-1435-12	R-12	Sotuble	Solid	DI Leach	
890-1435-13	R-13	Soluble	Solid	DI Leach	
890-1435-14	R-14	Soluble	Solid	DI Leach	
890-1435-15	R-15	Soluble	Solid	DI Leach	
890-1435-16	R-16	Soluble	Solid	Di Leach	
890-1435-17	R-17	Soluble	Solid	DI Leach	
890-1435-18	SW-1	Soluble	Solid	DI Leach	
890-1435-19	SW-2	Soluble	Solid	DI Leach	
890-1435-20	SW-3	Soluble	Solid	DI Leach	
890-1435-21	SW-4	Solubie	Solid	DI Leach	
890-1435-22	SW-5	Soluble	Solid	DI Leach	
890-1435-23	SW-6	Soluble	Solid	DI Leach	
MB 880-9769/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-9769/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-9769/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1435-4 MS	R-4	Soluble	Solid	DI Leach	
890-1435-4 MSD	R-4	Solubie	Solid	DI Leach	
890-1435-14 MS	R-14	Soluble	Solid	DI Leach	
890-1435-14 MSD	R-14	Soluble	Solid	DI Leach	

Leach Batch: 9775

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-1435-24	SW-7	Soluble	Solid	DI Leach	
890-1435-25	SW-8	Soluble	Solid	DI Leach	
890-1435-26	SW-9	Soluble	Solid	DI Leach	
MB 880-9775/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-9775/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-9775/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1435-24 MS	SW-7	Soluble	Solid	DI Leach	
890-1435-24 MSD	SW-7	Soluble	Solid	DI Leach	

Analysis Batch: 10010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-1	R-1	Soluble	Solid	300,0	9768
890-1435-2	R-2	Soluble	Solid	300.0	9768
890-1435-3	R-3	Soluble	Solid	300.0	9768
MB 880-9768/1-A	Method Blank	Soluble	Solid	300,0	9768
LCS 880-9768/2-A	Lab Control Sample	Soluble	Solid	300.0	9768
LCSD 880-9768/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	9768
890-1434-A-8-B MS	Matrix Spike	Soluble	Solid	300,0	9768
890-1434-A-8-C MSD	Matrix Spike Duplicate	Solubie	Solid	300.0	9768

Analysis Batch: 10149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-4	R-4	Soluble	Solid	300.0	9769
890-1435-5	R-5	Soluble	Solid	300,0	9769
890-1435-6	R-6	Soluble	Solid	300.0	9769

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 10149 (Continued)

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-1435-7	R-7	Soluble	Solid	300.0	9769
890-1435-8	R-8	Soluble	Solid	300.0	9769
890-1435-9	R-9	Soluble	Solid	300.0	9769
890-1435-10	R-10	Soluble	Solid	300.0	9769
890-1435-11	R-11	Soluble	Solid	300.0	9769
890-1435-12	R-12	Solubie	Solid	300.0	9769
890-1435-13	R-13	Soluble	Solid	300.0	9769
890-1435-14	R-14	Soluble	Solid	300.0	9769
890-1435-15	R-15	Soluble	Solid	300.0	9769
890-1435-16	R-16	Soluble	Solid	300.0	9769
890-1435-17	R-17	Soluble	Solid	300.0	9769
890-1435-18	SW-1	Soluble	Solid	300.0	9769
890-1435-19	SW-2	Soluble	Soiid	300.0	9769
890-1435-20	SW-3	Soluble	Solid	300.0	9769
890-1435-21	SW-4	Soluble	Solid	300.0	9769
890-1435-22	SW-5	Solubie	Solid	300.0	9769
890-1435-23	SW-6	Soluble	Solid	300.0	9769
MB 880-9769/1-A	Method Blank	Soluble	Solid	300.0	9769
LCS 880-9769/2-A	Lab Control Sample	Soluble	Solid	300.0	9769
LCSD 880-9769/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	9769
890-1435-4 MS	R-4	Soluble	Solid	300.0	9769
890-1435-4 MSD	R-4	Soluble	Solid	300.0	9769
890-1435-14 MS	R-14	Soluble	Solid	300.0	9769
890-1435-14 MSD	R-14	Soluble	Solid	300.0	9769

Analysis Batch: 10150

- Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-24	SW-7	Soluble	Solid	300.0	9775
890-1435-25	SW-8	Soluble	Solid	300.0	9775
890-1435-26	SW-9	Soluble	Solid	300.0	9775
MB 880-9775/1-A	Method Blank	Soluble	Solid	300.0	9775
LCS 880-9775/2-A	Lab Control Sample	Soluble	Solid	300.0	9775
LCSD 880-9775/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	9775
890-1435-24 MS	SW-7	Soluble	Solid	300.0	9775
890-1435-24 MSD	SW-7	Soluble	Solid	300,0	9775

Client: Talon/LPE

Client Sample ID: R-1

Date Collected: 10/12/21 09:20 Date Received: 10/14/21 13:00

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

comple ID: 800 1435 1

Lab Sample ID: 890-1435-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 18:41	MR	XEN MID
Totai/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 11:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 21:36	CH	XEN MID

Lab Chronicle

Client Sample ID: R-2 Date Collected: 10/12/21 09:25 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-2

Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Totai/NA	Prep	5035		***************************************	5.02 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 19:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 13:00	AJ	XEN MID
Soluble	Leach	DI Leach			5,03 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 21:43	СН	XEN MID

Client Sample ID: R-3 Date Collected: 10/12/21 09:30 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-3 Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035	**************************************		5.00 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 19:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 13:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 21:50	CH	XEN MID

Client Sample ID: R-4 Date Collected: 10/12/21 10:20

Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-4

Matrix: Solid

Released to Imaging: 1/27/2022 7:53:29 AM

fore ¹ T	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Totai/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 19:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	Aj	XEN MID

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: R-4

Date Collected: 10/12/21 10:20 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 13:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 04:07	CH	XEN MID

Client Sample ID: R-5

Date Collected: 10/12/21 10:25 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-5 Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 20:03	MR	XEN MID
Totai/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 14:02	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 04:28	CH	XEN MID

Client Sample ID: R-6

Date Collected: 10/12/21 10:30 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-6

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 20:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Anal y sis	8015B NM		1			9821	10/19/21 14:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Solubie	Analysis	300.0		1			10149	10/22/21 04:35	CH	XEN MID

Client Sample ID: R-7

Date Collected: 10/12/21 11:00 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5,03 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 20:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 14:44	AJ	XEN MID

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: R-7

Date Collected: 10/12/21 11:00 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-7

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		W///	4.99 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 04:43	СН	XEN MID

Client Sample ID: R-8

Date Collected: 10/12/21 11:05 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-8

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 21:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 15:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 04:50	СН	XEN MID

Client Sample ID: R-9

Date Collected: 10/12/21 11:10 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-9

Matrix: Solid

Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Prep	5035			5.01 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 21:25	MR	XEN MID
Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Prep	8015NM Prep			10.01 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Analysis	8015B NM		1			9821	10/19/21 15:26	AJ	XEN MID
Leach	DI Leach			4.96 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Analysis	300,0		1			10149	10/22/21 05:11	СН	XEN MID
	Type Prep Analysis Analysis Analysis Prep Analysis	Type Method Prep 5035 Analysis 8021B Analysis Total BTEX Analysis 8015 NM Prep 8015NM Prep Analysis 8015B NM Leach DI Leach	Type Method Run Prep 5035 Analysis 8021B Analysis Total BTEX Analysis 8015 NM Prep 8015NM Prep Analysis 8015B NM Leach DI Leach	Type Method Run Factor Prep 5035 Factor 1 Analysis 8021B 1 1 Analysis Total BTEX 1 1 Analysis 8015 NM 1 1 Prep 8015NM Prep Analysis 8015B NM 1 Leach Di Leach Di Leach 1	Type Method Run Factor Amount Prep 5035 5.01 g Analysis 8021B 1 5 mL Analysis Total BTEX 1 1 Analysis 8015 NM 1 1 Prep 8015NM Prep 10.01 g 10.01 g Analysis 8015B NM 1 1 Leach DI Leach 4.96 g	Type Method Run Factor Amount Amount Prep 5035 5.01 g 5 mL Analysis 8021B 1 5 mL 5 mL Analysis Total BTEX 1	Type Method Run Factor Amount Amount Number Prep 5035 5.01 g 5 mL 9995 Analysis 8021B 1 5 mL 5 mL 10201 Analysis Total BTEX 1 10147 Analysis 8015 NM 1 10145 Prep 8015NM Prep 10.01 g 10 mL 9839 Analysis 8015B NM 1 9821 Leach DI Leach 4.96 g 50 mL 9769	Type Method Run Factor Amount Amount Number or Analyzed Prep 5035 5.01 g 5 mL 9995 10/20/21 13:44 Analysis 8021B 1 5 mL 5 mL 10201 10/23/21 21:25 Analysis Total BTEX 1 10147 10/21/21 17:04 Analysis 8015 NM 1 10145 10/21/21 16:01 Prep 8015NM Prep 10.01 g 10 mL 9839 10/19/21 10:17 Analysis 8015B NM 1 9821 10/19/21 15:26 Leach DI Leach 4.96 g 50 mL 9769 10/18/21 14:28	Type Method Run Factor Amount Amount Number or Analyzed Analyst Prep 5035 5.01 g 5 mL 9995 10/20/21 13:44 KL Analysis 8021B 1 5 mL 5 mL 10201 10/23/21 21:25 MR Analysis Total BTEX 1 10147 10/21/21 17:04 AJ Analysis 8015 NM 1 10.01 g 10 mL 9839 10/19/21 10:17 AJ Prep 8015 NM Prep 10.01 g 10 mL 9839 10/19/21 10:17 AJ Analysis 8015 NM 1 9821 10/19/21 15:26 AJ Leach DI Leach 4.96 g 50 mL 9769 10/18/21 14:28 CA

Client Sample ID: R-10

Received by OCD: 1/10/2022 7:06:31 AM

Date Collected: 10/12/21 12:00 Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-10

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 21:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 15:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 05:18	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-11

Matrix: Solid

Client Sample ID: R-11 Date Collected: 10/12/21 12:05

Date Received: 10/14/21 13:00

Dil initial Final Batch Prepared Batch Batch or Analyzed Amount Number Analyst Method Factor Amount Prep Type Type Run 10/20/21 13:44 KL XEN MID 9995 5035 5.00 g5 mL Total/NA Prep 5 mL 5 mL 10201 10/23/21 23:34 MR XEN MID 8021B 1 Total/NA Analysis 10/21/21 17:04 AJ XEN MID Total BTEX 1 10147 Analysis Total/NA 10/21/21 16:01 XEN MID 8015 NM 10145 Total/NA Analysis XEN MID 10/19/21 10:17 AJ 8015NM Prep 10.02 g 10 mL 9839 Prep Total/NA XEN MID 9821 10/19/21 16:27 ΑJ Total/NA Analysis 8015B NM 1 XEN MID CA DI Leach 5.03 g 50 mL 9769 10/18/21 14:28 Soluble Leach 10/22/21 05:26 СН XEN MID 10149 1 Soluble Analysis 300.0

Client Sample ID: R-12

Date Collected: 10/12/21 12:10 Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-12

Matrix: Solid

	Batch	Batch		Dif	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 23:55	MR	XEN MID
Totai/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 16:47	AJ	XEN MID
Soluble	Leach	Df Leach			4.95 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 05:33	СН	XEN MID

Client Sample ID: R-13

Date Collected: 10/12/21 12:15 Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-13

Matrix: Solid

_	Batch	Batch		Dil	Initial	Finaí	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mŁ	10201	10/24/21 00:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 17:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 05:40	CH	XEN MID

Client Sample ID: R-14

Date Collected: 10/12/21 12:20

Date Received: 10/14/21 13:00

Lab Sample	ID:	890-1435-14	
		Matrix: Solid	

*****	Batch	Batch		Dil	InItial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035		-	5.05 g	5 mL	9995	10/20/21 13:44	KL.	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 00:36	MR	XEN MID
Totai/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: R-14

Date Collected: 10/12/21 12:20 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-14

Matrix: Solid

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			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 17:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 05:47	СН	XEN MID

Client Sample ID: R-15

Date Collected: 10/12/21 13:15 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-15

Matrix: Solid

[""	Batch	Batch	_	Dil	Initial	Final	Batch	Prepared	Amaland	Lab
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	
Total/NA	Prep	5035			5,05 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 00:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 18:09	AJ	XEN MID
Solubie	Leach	DI Leach			5.03 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 06:08	CH	XEN MID

Client Sample ID: R-16

Date Collected: 10/12/21 13:20 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-16

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035		£	5.02 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 01:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 18:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 06:16	СН	XEN MID

Client Sample ID: R-17

Received by OCD: 1/10/2022 7:06:31 AM

Date Collected: 10/12/21 13:25 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-17

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 01:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 18:50	AJ	XEN MID

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Client Sample ID: R-17

Date Collected: 10/12/21 13:25 Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-17

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Solubie	Analysis	300.0		1			10149	10/22/21 06:37	CH	XEN MID

Client Sample ID: SW-1

Date Collected: 10/12/21 13:30 Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-18

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 01:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Totai/NA	Analysis	8015 NM		1			10145	10/21/21 16:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 19:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 06:44	CH	XEN MID

Client Sample ID: SW-2

Date Collected: 10/12/21 13:35 Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-19

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 02:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	LA	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 19:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 06:51	CH	XEN MID

Client Sample ID: SW-3

Received by OCD: 1/10/2022 7:06:31 AM

Date Collected: 10/12/21 13:04

Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-20

Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 02:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	9839	10/19/21 10:17	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9821	10/19/21 19:51	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 06:59	CH	XEN MID

Received by OCD: 1/10/2022 7:06:31 AM

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-21

Matrix: Solid

Client	Sample	ID: SI	N-4
Data Co	llactor 1	0/12/21	13.4

Date Collected: 10/12/21 13:45 Date Received: 10/14/21 13:00

	Batch	Batch		Dii	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	9996	10/20/21 13:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10086	10/22/21 18:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:18	AJ	XEN MID
Totai/NA	Prep	8015NM Prep			10.03 g	10 mL	9840	10/19/21 10:19	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9823	10/19/21 18:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 07:06	CH	XEN MID

Client Sample ID: SW-5

Date Collected: 10/12/21 13:50 Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-22

Matrix: Solid

	Batch	Batch		Dii	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	9996	10/20/21 13:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10086	10/22/21 18:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	9840	10/19/21 10:19	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9823	10/19/21 18:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 07:13	CH	XEN MID
Soluble	Leach	DI Leach		1	5.03 g	50 mL				

Client Sample ID: SW-6

Date Collected: 10/12/21 13:55 Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-23

Lab Sample ID: 890-1435-24

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	9996	10/20/21 13:46	KL.	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10086	10/22/21 19:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	9840	10/19/21 10:19	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9823	10/19/21 18:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300,0		1			10149	10/22/21 07:20	CH	XEN MID

Client Sample ID: SW-7

Date Collected: 10/12/21 14:00

Date Received: 10/14/21 13:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	9996	10/20/21 13:46	KL.	XEN MID
Total/NA	Anal y sis	8021B		1	5 mL	5 mL	10086	10/22/21 19:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID

Eurofins Xenco, Carlsbad

Matrix: Solid

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID: 890-1435-24

Matrix: Solid

Client Sample ID: SW-7

Date Collected: 10/12/21 14:00 Date Received: 10/14/21 13:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9840	10/19/21 10:19	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9823	10/19/21 19:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	9775	10/18/21 14:38	CA	XEN MID
Soluble	Analysis	300.0		1			10150	10/22/21 08:17	СН	XEN MID

Client Sample ID: SW-8

Date Collected: 10/12/21 14:05 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1435-25

Matrix: Solid

Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
	5035			4.95 g	5 mL	9996	10/20/21 13:46	KL	XEN MID
Analysis	8021B		1	5 mL	5 mL	10086	10/22/21 19:55	KL	XEN MID
Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Analysis	8015 NM		1			10145	10/21/21 16:18	AJ	XEN MID
Prep	8015NM Prep			10.02 g	10 m L	9840	10/19/21 10:19	AJ	XEN MID
Analysis	8015B NM		1			9823	10/19/21 19:31	AJ	XEN MID
Leach	Di Leach			4.97 g	50 mL	9775	10/18/21 14:38	CA	XEN MID
Analysis	300.0		1			10150	10/22/21 08:39	СН	XEN MID
	Type Prep Analysis Analysis Analysis Prep Analysis	Type Method Prep 5035 Analysis 8021B Analysis Total BTEX Analysis 8015 NM Prep 8015NM Prep Analysis 8015B NM Leach DI Leach	Type Method Run Prep 5035 Analysis 8021B Analysis Total BTEX Analysis 8015 NM Prep 8015NM Prep Analysis 8015B NM Leach DI Leach	Type Method Run Factor Prep 5035	Type Method Run Factor Amount Prep 5035 4.95 g Analysis 8021B 1 5 mL Analysis Total BTEX 1 Analysis 8015 NM 1 Prep 8015NM Prep 10.02 g Analysis 8015B NM 1 Leach DI Leach 4.97 g	Type Method Run Factor Amount Amount Prep 5035 4.95 g 5 mL Analysis 8021B 1 5 mL 5 mL Analysis Total BTEX 1 Analysis 8015 NM 1 Prep 8015NM Prep 10.02 g 10 mL Analysis 8015B NM 1 Leach DI Leach 4.97 g 50 mL	Type Method Run Factor Amount Amount Number Prep 5035 4.95 g 5 mL 9996 Analysis 8021B 1 5 mL 5 mL 10086 Analysis Total BTEX 1 10147 Analysis 8015 NM 1 10145 Prep 8015NM Prep 10.02 g 10 mL 9840 Analysis 8015B NM 1 9823 Leach DI Leach 4.97 g 50 mL 9775	Type Method Run Factor Amount Amount Number or Analyzed Prep 5035 4.95 g 5 mL 9996 10/20/21 13:46 Analysis 8021B 1 5 mL 5 mL 10086 10/22/21 19:55 Analysis Total BTEX 1 10147 10/21/21 17:04 Analysis 8015 NM 1 10.02 g 10 mL 9840 10/19/21 10:19 Analysis 8015 NM 1 9823 10/19/21 19:31 Leach Di Leach 4.97 g 50 mL 9775 10/18/21 14:38	Type Method Run Factor Amount Amount Number or Analyzed Analyst Prep 5035 4.95 g 5 mL 9996 10/20/21 13:46 KL Analysis 8021B 1 5 mL 5 mL 10086 10/22/21 19:55 KL Analysis Total BTEX 1 10147 10/21/21 17:04 AJ Analysis 8015 NM 1 10.02 g 10 mL 9840 10/19/21 10:19 AJ Prep 8015 NM Prep 10.02 g 10 mL 9840 10/19/21 10:19 AJ Analysis 8015 B NM 1 9823 10/19/21 19:31 AJ Leach DI Leach 4.97 g 50 mL 9775 10/18/21 14:38 CA

Client Sample ID: SW-9

Date Collected: 10/12/21 14:10 Date Received: 10/14/21 13:00

Lab Sample ID: 890-1435-26 Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	9998	10/20/21 13:46	KL.	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10086	10/22/21 20:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10147	10/21/21 17:04	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10145	10/21/21 16:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	9840	10/19/21 10:19	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9823	10/19/21 19:51	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	9775	10/18/21 14:38	CA	XEN MID
Soluble	Analysis	300.0		1			10150	10/22/21 08:46	CH	XEN MID

Laboratory References:

Received by OCD: 1/10/2022 7:06:31 AM

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

Accreditation/Certification Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

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

uthority	Pr	ogram	Identification Number	Expiration Date
exas	NE	ELAP	T104704400-21-22	06-30-22
777 - 7 10 1 1 - 1	The first of the Park of the Park	فالمميد المناسية بالمناسب والماري والمار	ed by the governing authority. This list ma	u include analytee for y
		it the laboratory is not certili	ed by the governing authority. This list ma	iy ilicidde allasytes for r
the agency does not of		it the laboratory is not certili	ed by the governing admonty. This list me	ly include analytics for t
		Matrix	Analyte	y include analytics for a
the agency does not of	fer certification.			

Received by OCD: 1/10/2022 7:06:31 AM

Method Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM international

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemicel Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1435-1 SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth	
890-1435-1	R-1	Solid	10/12/21 09:20	10/14/21 13:00	1,5	
890-1435-2	R-2	Solid	10/12/21 09:25	10/14/21 13:00	1.5	
890-1435-3	R-3	Solid	10/12/21 09:30	10/14/21 13:00	1.5	
890-1435-4	R-4	Solid	10/12/21 10:20	10/14/21 13:00	1.5	v.i
890-1435-5	R-5	Solid	10/12/21 10:25	10/14/21 13:00	1.5	
890-1435-6	R-6	Solid	10/12/21 10:30	10/14/21 13:00	1.5	
890-1435-7	R-7	Solid	10/12/21 11:00	10/14/21 13:00	1.5	
890-1435-8	R-8	Solid	10/12/21 11:05	10/14/21 13:00	1.5	
890-1435-9	R-9	Solid	10/12/21 11:10	10/14/21 13:00	1,5	
890-1435-10	R-10	Solid	10/12/21 12:00	10/14/21 13:00	1.5	
890-1435-11	R-11	Solid	10/12/21 12:05	10/14/21 13:00	1.5	
890-1435-12	R-12	Solid	10/12/21 12:10	10/14/21 13:00	1.5	
890-1435-13	R-13	Solid	10/12/21 12:15	10/14/21 13:00	1.5	
890-1435-14	R-14	Solid	10/12/21 12:20	10/14/21 13:00	1.5	
890-1435-15	R-15	Sofid	10/12/21 13:15	10/14/21 13:00	1.5	
890-1435-16	R-16	Solid	10/12/21 13:20	10/14/21 13:00	1.5	
890-1435-17	R-17	Solid	10/12/21 13:25	10/14/21 13:00	1.5	EV.
890-1435-18	SW-1	Solid	10/12/21 13:30	10/14/21 13:00	1.5	
890-1435-19	SW-2	Solid	10/12/21 13:35	10/14/21 13:00	1.5	
890-1435-20	SW-3	Solid	10/12/21 13:04	10/14/21 13:00	1.5	
890-1435-21	SW-4	Solid	10/12/21 13:45	10/14/21 13:00	1.5	
890-1435-22	SW-5	Solid	10/12/21 13:50	10/14/21 13:00	1.5	
890-1435-23	SW-6	Solid	10/12/21 13:55	10/14/21 13:00	1.5	
890-1435-24	SW-7	Solid	10/12/21 14:00	10/14/21 13:00	1.5	
890-1435-25	SW-8	Solid	10/12/21 14:05	10/14/21 13:00	1.5	
890-1435-26	SW-9	Solid	10/12/21 14:10	10/14/21 13:00	1.5	

• eurofins

Project Manager:

Bill to: (If different)

WHINDELL DESINE

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

Worl	
Nork Order No:	

Work Order Comments

으

Company Name: T	Talon LPE			Company Name:	,,,								Prog	ram: U:	ST/PS	<u>ر</u> م الأم	<u>6</u>	rownfl	elds 🗌 RRC	Program: UST/PST ☐ PRP☐ Brownfleids ☐ RRC ☐ Superfund ☐
Address: 4	408 W. Texas Ave.		4	Address:									State	State of Project:	ject:					
te ZIP:	Artesia, NM 88210			City, State ZIP:								,	Repo	iting: L	evei II	∐Lev€		PST/L	Reporting: Level II 🗍 Level III 🗍 PST/UST 📗 TRRP 🗎	□ Level IV□
Phone: 5	575.746.8768		Email: [Email: rpons@talonipe.com _icarnes@talonipe.com	e.con	n ica	nes@)talon	pe.con	່າ			Deliv	Deliverables: EDD	EDD		A	ADaPT 🗆	Other.	
Project Name:	Red Tank 4 Fed 1 (Red Tank)	(Red Tank)	. Turn ,	Turn Around						Ą	ANALYSIS RE		QUEST						Preserva	Preservative Codes
Project Number:	701162.112.01	12.01	Routine	Rush	Pres.					-								z	None: NO	Di Water: H ₂ O
Project Location:	Lea County, NM	y NM	Due Date:	10/22/2021	•													<u>o</u>	Coal: Coal	MeOH: Me
Sampler's Name:	M.Collier	ier	TAT starts the	TAT starts the day received by						-	-	_	<i>:</i> -	_			_	Ī	HCL: HC	HNO3: HN
PO#	701162.112.01	12.01	the lab, if rece	the lab, if received by 4:30pm	rs													Į	H ₂ S0 ₄ ; H ₂	NaOH: Na
SAMPLE RECEIPT	Тe	. (Yes No	Wet Ice:	(Yeg) No	nete:				_									r	H³bo¹: Hb	
Samples Received Intact:	_	Thermometer ID:	1	2000	ran													z	NaHSO ₄ ; NABIS	Ñ
Cooler Custody Seals:	Yes No (N)A		.72	4.0-	Pa		-				89	33.07						z	Na ₂ S ₂ O ₃ ; NaSO ₃	ပ္
Sample Custody Seals:		I/A) Temperature Reading:	Reading:	1.4		-						; <u>6</u>	Casiony	1000	,	İ		N	Zn Acetate+NaOH: Zn	iOH: Zn
Total Containers:		Corrected Temperature:	mperature:	1.2				es			_				_			z	NaOH+Ascorbic Acid; SAPC	ic Acid; SAPC
Sample Identification	ification Matrix	brix Date Sampled	Time Sampled	Depth Grab/	# of Cont	втех	ТРН	Chlorid											Sample	Sample Comments
R-1	Soil	10/12/2021	9:20	1.5' Comp	<u>.,</u>	×	×	×			_							<u> </u>		
R-2		_	9:25	-			1	<u> </u>		_	_	<u> </u> -					_	_		
R-3			9:30	\			_	_									_			
R-4		_	10:20				_	_												
R-5			10:25		7	_														
R-6		_	10:30			_	_													
R-7			11:00							_	 	_	<u> </u>					ļ		
R-8			11:05					-	-											
R-9			11:10				,			_										
R-10			12:00	/	F	F	F	F				-		-			_			
Total 200.7 / 6010	10 200.8 / 6020:		8RCRA 13PPM	M Texas 11	≥ 0	Sb As	8	Be B	Cd Ca	Cr Co	ਨ	Fe Pb	b Mg N	Mn Mo	Z.	Se /	Ag SiO ₂) ₂ Na	Sr Ti Sn L	U V Zn
Circle Method(s) and Metal(s) to be analyzed	d Metal(s) to be an	alyzed	TCLP / SF	TCLP / SPLP 6010. 8RCRA SD AS Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U	3	7 98	S Ba	Ве (오	ပ် ဂိ	J Pb	VID MC	S N	e Ag			Hg: 16	31/2	Hg: 1631 / 245.1 / 7470	/7471
Notice: Signature of this document and relinquishment of samplas constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions	ocument and relinquishm	ent of samples const	Stutes a valid pur	chase order from o	Hant oc	mpany	to Euro	îns Xen	co, its aff	lliates an	d subcor	tractors	lt assign	ns standa	ard term	and co	oditions			
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 Eurofine Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	num charge of \$85.00 will	e cost of samples and the applied to each p	f shall not assum project and a cha	e any responsibility rge of \$5 for each :	y for an sample	y losse: submitt	s or exp	rofins X	enco, bu	t not ana	nt if such lyzed. Th	(osses a	are due to circumstances beyond the control ms will be enforced unless previously negotia	oircums enforced	tances t	previous	he contra ly negoti	ated		
Relinquished by: (Signature)	(Signature)	Receive	Received by: (Signature)	ure)		Date	Date/Time		Rel	inquist	Relinquished by: (Signature)	(Signa	ature)		Rece	ived b	Received by: (Signature)	nature	e)	Date/Time

10:14:2/1300 2

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 1/10/2022 7:06:31 AM

Received by OCD: 1/10/2022 7:06:31 AM

Revised Date: 08/25/2020 Rev. 2020.2

8 0
eurofins
٠.

Project Manager:

R.Pons

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

Company Name: Address:

Talon LPE

City, State ZIP:

408 W. Texas Ave. Artesia, NM 88210

575.746.8768

Email: roons@talonlpe.com, icarnes@talonlpe.com

City, State ZIP:

Reporting: Level II | Level III | PST/UST | TRRP | Level IV |

ADaPT

Program: UST/PST ☐ PRP☐ Brownfields ☐ RRC ☐ Superfund ☐

Work Order Comments

www.xenco.com age___

Deliverables: EDD

State of Project:

Chain of Custody

5

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) 595-3443, Lubbock, TX (805) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No:			
ò			
ᅙ			
ž			
•			

Project Name: Red	Red Tank 4 Fed 1 (Red Tank)	Turn Around		ANALYSIS REQUEST		Preservative Codes
H.	701162.112.01	☑Routine □Rush	Pres.		None	None: NO DI Water: H ₂ O
Project Location:	Lea County, NM	Due Date: 10/22/2021			Cool	Cool: Cool MeOH: Me
Sampler's Name:	M.Collier	TAT starts the day received by			HCL: HC	
PO#:	701162.112.01	the lab, if received by 4:30pm	rs		H ₂ SC	2
SAMPLE RECEIPT	Temp Blank: Yes No	Wetice: Yes No	neter		НзРС	ŭ
Samples Received Intact:	7	er ID:	ram		Nat	NaHSO4: NABIS
Cooler Custody Seats:	Yes No N/A Correction Factor:	actor:	Pa		Na ₂ 0	Na ₂ S ₂ O ₃ ; NaSO ₃
	N/A	e Reading:			Zn A	Zn Acetate+NaOH; Zn
		emperature:	s		Nao	NaOH+Ascorbic Acid: SAPC
Sample Identification	Matrix	Time Depth Grab/	Chloride			Sample Comments
R-11	Soil 10/12/2021	1 12:05 1.5' Comp	<u></u> →			7,77
R-12	<u> </u>	י	J S J			
R-13	/ / /	12:15 / /				
R-14		12:20 / \				
R-15		1:15 \ \ \ /				
R-16		1:20				
R-17		1:25				
SW-1		1:30 (
sw-2		1:35				
SW-3		1:04 /				
Total 200.7 / 6010 2	200.8 / 6020:	BRCRA 13PPM Texas 11	Al Sb As Ba Be B	Cd Ca Cr Co Cu Fe Pb Mg Mn	Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Si	SiO ₂ Na Sr TI Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	al(s) to be analyzed	TCLP / SPLP 6010: 8F	ICRA Sb As Ba Be	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo NI Se Ag	Ag 11 U Hg: 1631 / 245,1	1/7470/7471
Notice: Signature of this document of service. Eurofins Xenco will be i of Eurofins Xenco. A minimum cha	and relinquishment of samples cor liable only for the cost of samples a arge of \$85,00 will be applied to eac	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontrat 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 loss of Eurofins Xenco. A minimum charge of \$5.500 will be applied to each project and a charge of \$5.500 will be	client company to Eurofins Xer ty for any losses or expenses ir sample submitted to Eurofins !	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 \$5.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotia	tors. It assigns standard terms and conditions ses are due to circumstances beyond the control terms will be enforced unless previously negotiated.	
Relinquished by: (Signature)	ature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
" Wholiso	Chol		10.14.21 1300	8	A CONTRACTOR OF THE CONTRACTOR	
5				0	THE REAL PROPERTY AND ADDRESS OF THE PARTY O	
				-		-

្សា
(7)
_
0
7
=
S

City, State ZIP:

Artesia, NM 88210

Project Manager: Company Name:

R.Pons

Taion LPE 408 W. Texas Ave.

Bill to: (if different)
Company Name:

City, State ZIP:

Reporting: Level II 🗌 Level II) 📗 PST/UST 📋 TRRP 📗 🛮 Level IV 📗

Program: UST/PST | PRP Brownfields | RRC | Superfund |

Work Order Comments

²age

읔,

State of Project:

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Midland, TX (432) 704-5440, Sen 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 C
Order No
Υ.

Phone: 5	575.746.8768	Email: pons@talo	nipe.com., jo	Email: rpons@talonipe.com _icarnes@talonipe.com	Ä	Deliverables: EDD	ADaPT Other:
Project Name:	Red Tank 4 Fed 1 (Red Tank)	Tank) Turn Around			ANALYSIS RE	REQUEST	Preservative Codes
Project Number:	701162.112.01	✓Routine □Rush	Pres. Code				None: NO DI Water: H ₂ O
Project Location:	Lea County, NM	Due Date: 10/22/2021					Coal: Coal MeOH: Me
Sampier's Name:	M.Collier	TAT starts the day received t	¥_				
PO#	701162.112.01	the lab, if received by 4:30pm					••
SAMPLE RECEIPT	Temp Blank: Yes	s No Wetice: Yes No	ete		-		H ₃ PO ₄ : HP
Samples Received Intact	Yes No	\forall	ran				Natiso _{a:} Nabis
Cooler Custody Seafs:	1	Correction Factor:	Pa				Na ₂ S ₂ O ₃ ; NaSO ₃
Sample Custody Seals:	Yes No N/A	Temperature Reading: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					Zn Acetate+NaOH; Zn
Total Containers:	Corr	Corrected Temperature:		: s			NaOH+Ascorbic Acid: SAPC
Sample Identification	Matrix	Date Time Depth Grab/	np Cont STEX	TPH Chloride			Sample Comments
SW-4	Soil	10/12/2021 1:45 1.5' Comp	np 1 ×	×			
SW-5)	1:50		ノノノ			
SW-6		1:55 / /					
SW-7		(2:00 (((\			
SW-8		/ 2:05))					
e-ws) 2:10 / /	1 1				
Total 200.7 / 6010	0 200.8 / 6020:	8RCRA 13PPM Texas 11	1 Al Sb As	s Ba Be B Cd Ca	Cr Co Cu Fe	Pb Mg Mn Mo Ni K Se Ag	Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and	Circle Method(s) and Motal(s) to be analyzed	TCLP / SPLP 6010: BRORA SD As Ba Be Cd Cr Co Cu Pb Mn	RCRA Sb	As Ba Be Cd Cr	16 F		Hg: 1631 / 245.1 / 7470 / 7471
Notice: Signature of this do of service. Eurofins Xenco	cument and relinquishment of sam will be liable only for the cost of same the charge of \$85.00 will be applied	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 the	m client compar ility for any loss	ην to Eurofins Xenco, its a les or expenses incurred i	fillates and subcontractors. by the client if such losses a	tors. It assigns standard terms and conditions es are due to circumstances beyond the control	litions control
Relinquished by: (Signature)	(Signature)	∧ Received by: (Signature)	De	Date/Time Re	Relinguished by: (Signs	onature) Received by (Signature)	(Signature) Date/Time

Revised Date: 08/25/2020 Rev. 2020 2

Received by OCD: 1/10/2022 7:06:31 AM

10-14-21 1300

Eurofins Xenco, Carlsbad 1089 N Canal St. Carlsbad NM 88220 Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing | America

Client Information (Sub Contract Lab)				Krama	r Ipecio	3				ន្ន	Camer Tracking No(s):	cking N	0(8)			300	COC No.		
	Phone			E-Mail	E-Mail	ľ				Sta	State of Origin.	gin.				Page	i di		
Company:				A	Accreditations Required (See note):	ns Requ	ired (S	es note	Υ.	No	New Mexico	ĝ				Job#	Job#		
	Due Date Requested			- I	NELAP lexas	exas									L	-088	890-1435-1	2	
1 W Florida Ave	10/20/2021			ļ				Analy	Sis	Requested	sted					Presi	Preservation Codes	J Codi	
	TAT Requested (days)	75)			建								\dashv				NaOH NaOH		
State Zip TX, 79701							ТРН								B.	1 U U	Nitric Acid		O ASNAOZ P Na2O4S Q Na2SO3
704-5440(TeI)	PO#			V) Fulf		e 						Section 2		MeOH Amehlor		
Email	WO#			ab No	Б)		o (MO		hjono							:	DI Water		U Acetone V MCAA
Project Name Project Name Red Tank 4 Fed 1 (Red Tank)	Project#				6r/N		_Pre		CHC						iners	- x	EDTA ATG		
	SSOW#				(Yes		WM_S								onta	Ş	3		
				(Com	MSD/		8015N		BD/DI_						ofice		1		
		Sample	Sample Type	Matrix (Walter Hall)	6/m/MS/ B/6036FP	LBTEX_G	MOD_NM/	MOD_Calc	ORGFM_2						l Numbe				
Cample includes on the Control of Capital	Sample Date	Ime	G=grab) BT*TIssue, A=Air)		P	\ 4	80	ķė.	30	-	4_			-	e te	7	Spec	ial In	pecial Instructions/Note
R-1 (890-1435-1)	10/12/21	09 20		Solid	×	×	×	×	×					_					
R-2 (890-1435-2)	10/12/21	09 25		Solid	×	×	×		×	1.	-		\perp	-		×			
R-3 (890-1435-3)	10/12/21	09 30		Solid	×	^ ×	×	×	×	_	_			_		2			
R-4 (890-1435-4)	10/12/21	10 20 Mountain		Solid		×	×	×	×		_					<u> </u>			The state of the s
R-5 (890-1435-5)	10/12/21	10 25 Mountain		Solid	V	×	×	×	×							34. mar 14. ma			The straight of the straight o
R-6 (890-1435-6)	10/12/21	10 30 Mountain		Solid		×	×	×	×						424	. <u>56.2</u> 2			
R-7 (890-1435-7)	10/12/21	11 00 Mountain		Solid		×	×	×	×		_			_	選4	- 176		ļ	
R-8 (890-1435-8)	10/12/21	11 05 Mountain		Solid		×	×	×	×					_	(4)	C	}		
R-9 (890-1435-9)	10/12/21	11 10 Mountain		Solid		×	×	×	×						(والله	10 m 1 m			
Note Since laboratory accreditations are subject to change. Eurofins Xenco LLC places the ownership of method analyte & accreditation compilance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC aboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC.	laces the ownership eing analyzed the sa signed Chain of Cus	of method anal imples must be stody attesting t	lyle & accredita shipped back to sald complica	tion compliance to the Eurofins)	upon out	subcont laborat	tract lat	ooratori other ins	es This structions	ample s will be p	nipment	is forw Arry of	arded u	inder of to accor	ıain-of. editatic	custor on state	ly if the	labora:	tory does not currently rught to Eurofins Xenca LLC
Possible Hazard Identification Unconfirmed					Sam	Sample Disposal (A fee	sposa m To	Client		may be assessed if samples Disposal By Lab	assessed if san Disposal By Lab	ByLa	mple	S are	retai:	tained long	- €	than 1	(month) Months
Const. (2) Delia victurate in in it victoria (specify)	Primary Deliverable Rank 2	able Rank 2			Spec	Special Instructions/QC	tructio	ns/QC	Requirements.	ement	, ,,								
Refinantished by:		Date			Time		//				Me	Method of Shipment.	Shipme	ä					
Reinaushed by URC 10:14:2	Date/Time			Сотрапу	70	Receive	No.	D			H		Date/Jame:		3	31	Z		Company
Relinquished by:	Date: Inte.			Company	20	Received by	by		*				Date/Time	Гime		$\overline{}$	Ę,		Company
	Date/11me.			Company		Received by:	g,						Date/Time:	Time:			1		Company
Custody Seal No Δ Yes Δ No					0	Cooler Temperature(s) °C	empera	tura(s)		and Other Remarks.	arks.	S)	5	5	0	M			

Eurofins Xenco, Carlsbad 1089 N Canal St. Carisbad NM 88220 Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins Environment Testing

- 1	Sampler			Lab PM					1		Carrie	Carrier Tracking No(s)	ON BL	(S)	-		COC No	ō					
Client Contact (Sub Contract Lab)	U Composition of the composition			Kram	Kramer Jessica	à					2					ļ.,	890-464 2	64 2					
Shipping/Receiving	9			jessic	⊵-ман Jessica kramer@eurofinset cor	@eurc	inset	com			State	New Mexico	8 =				Page Page	Page Page 2 of 3	ω				
Eurofins Xenco	!				Accreditations Required (See note) NELAP - Texas	ns Requ Texas	ired (S	ee note	۳								# 49r	Job #. 890-1 43 5-1	-				
Address. 1211 W Florida Ave	Due Date Requested 10/20/2021							Α'n	alysis		Requested	ted	1				Prese	vatio	Preservation Codes	des			
City: Midland	TAT Requested (days)	*												\dashv	\dashv			NaOH	•		Hexane None	,	
State Zip TX 79701					e e e e		ТРН											Zn Acetate Nitric Acid NaHSO4	n f	0 F Q	AsNaO2 Na2O4S Na2SO3	ω W N	
Phone 432-704-5440(Tel)	РО #-						D) Full		ie —							personal Personal		MeOH Amchlor	<u>.</u>		Na2S2 H2SQ4	Na2S2O3 H2SO4	Ì
Email	WO#				(6)		p (MOI		Chloric									ce Di Water	Š		Acetone MCAA	6 Viernan	Yurate
Project Name: Red Tank 4 Fed 1 (Red Tank)	Project #: 89000040				9 OF I		S_Pre		ACH							ainei		EDTA EDA		ΝĘ	pH 4-5 other (specify)	pecify)	
Site	#WOSS				SD (Ye		015NM_		D/DI_LI							of con	Other:	•					
				Matrix (weveter \$=\$olid.	Giltered Jrm MS/M 3/6036FP_	BTEX_GC	NM/8	IOD_Calc	ORGFM_28							Number							
Sample Identification - Client ID (Lab ID)	Sample Date	V III	G=grab) BT-Tissue, A=A	<u>. 5</u>	Pe	<u> </u>	801		300	4-			-		- 1 se	(10)	1	Spe	cial	nstru	Special instructions/Note	s/Not	le.
R-10 (890-1435-10)	10/12/21	12 00		Solid		×	×	×	×				_			distr.					. 0		
R-11 (890-1435-11)	10/12/21	12 05 Mountain		Solid		×	×	×	×	-			_			SAL.							
R-12 (890-1435-12)	10/12/21	12 10 Mountain		Solid		×	×	×	×		-		_			<u>#</u>	-			İ			
R-13 (890-1435-13)	10/12/21	12 15 Mountain		Solid		×	×	×	×							A							Towardistance
R-14 (890-1435-14)	10/12/21	12 20 Mountain		Solid		×	×	×	×							A.	24 87 24 24						
R-15 (890-1435-15)	10/12/21	13 15 Mountain		Solid		×	×	×	×														
R-16 (890-1435-16)	10/12/21	13 20 Mountain		Solid		×	×	×	×						-	N.O.				-			ĺ
R-17 (890-1435-17)	10/12/21	13 25 Mountain		Solid		×	×	×	×	_						أفقع							
SW-1 (890-1435-18)	10/12/21	13 30 Mountain		Solid		×	×	×	×						_	الجفيا						ŀ	
Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method enable & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.	places the ownership o being analyzed the sar he signed Chain of Cust	f method ena nples must be ody attesting	llyte & accreditati shipped back to to said complicar	on complian the Eurofins	xe upon out Xenco LLC 18 Xenco LI	: subcon) labora: _C.	tract lai	borator other in	ies. Th structic	is samı ns will	ole ship	ment is	i forwa	ded ur	der ch	ain-of-	custod n statu	ly ifth	ne labor Itd be b	ratory c	to Euro	t currer	atly anco LL
Possible Hazard Identification Unconfirmed					Sam	Sample Disposal (A fee	le Disposal (Af	(A	fee m	ay be	asse	ssed	if sau	nples	∏åe	etair	ed /c	nger	may be assessed if samples are retained longer than 1	1 mc	month)		
Deliverable Requested II III IV Other (specify)	Primary Deliverable Rank.	ble Rank. 2		awa Autor	Spec	Special Instructions/	fructio		QC Requirements	uirem	ents	ents						9			770	ا	
Empty Kit Relinquished by		Date		***************************************	Time				COMPENSATION CO.	District Comments		Meth	od of S	Method of Shipment	Ħ								
Relinquished by Clop Club 10.H:	Date/Time		22	Company	77	Received by:	ξ	7				l		Date/Time	me [,]					- o	Company		
Reinquisned by	Date/Time:		Ω	Company	70	Received by	1	}						Date/Time	ime					-	Company		
_]	Date/Time		Ω	Company	- 77	Received by:	\$							Date/⊺ime	ime						Company	٧	
Custody Seals Intact: Custody Seal No A Yes A No						Cooler Temperature	empera	ture(s)	°C an	°C and Other Remarks.	Reman	Ģ							ŀ	-			

Eurofins Xenco, Carlsbad 1089 N Canal St Carlsbad NM 88220 Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins Environment Testing America

	Sampler			Lab PM	\$					Carrie	Carrier Tracking No(s)	ing No	8		, 0	COC No.	; [
Client Contact (Sub Contract Lab)			100	Kran	Kramer Jessica	120	***************************************								00	890-464 3	3					L
Shipping/Receiving	ă			jessic	∟ма⊪ jessica kramer@eurofinset corr	@eurofii	nset c	ğ		New	State of Origin New Mexico	8 =			ים סר	Page 3 of 3	of သ					
Company: Eurofins Xenco		;			Accreditations Required (See note) NELAP - Texas	s Require exas	d (See	note)							ω <u>ς</u>	Job #: 890-1435-1	2, 7					
Address. 1211 W Florida Ave	Due Date Requested 10/20/2021							Analysis	sis Re	Requested	ed.			ĺ		reserv	Preservation Codes	Code	٧,			
City Midland	TAT Requested (days):	Ē);	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS N							\neg		-	-1		n ໝ >		HCL NaOH Zn Acetate	.	OZ M A S TE	Hexane None		
State, Zip: TX 79701					eden er		TPH										Nitric Acid NaHSO4	_	P Na204S Q Na2SO3	704s 704s		
Phone 432-704-5440(Tel)	PO#				Nű.		D) Full	le									i ii ii ii ii		I S I	28203 28203		
Email:	WO#				(e) <u>(</u>		p (MOi	Chloric								□ W W	ce Di Water		< C -	Acetone MCAA	Acetone MCAA	ñ
Project Name: Red Tank 4 Fed 1 (Red Tank)	Project # 89000040				ort		S_Pre	AGH							****	E EDIA	>'		2 ¥ 목 무	pH 4-5 other (specify)	₹	
Site:	SSOW#		}) (Ye		SNM_									Other:						
			Sample	Matrix	IS/MSD	x_GCV									ber of							
Sample Hantification - Client In It as ID	7	Sample	Type (C≖comp,	(M-water S=solid, O=wasth/oil,		otal_BTE	15MOD_ 15MOD_	o_ORGF							otal Nun							
			Preservation Code.	tion Code.	X	T		2		.4		-	eten .		Χţ	1	opedial instructions/Note		, und	long) le	
SVV-2 (890-1435-19)	10/12/21	13 35 Mountain		Solid	×	×	×	×							.						į	
SW-3 (890-1435-20)	10/12/21	13 04 Mountain		Solid	×	×	×	×							Ť			}				
SW-4 (890-1435-21)	10/12/21	13 45 Mountain		Solid	×	×	×	×						\dashv	(45,							
SW-5 (890-1435-22)	10/12/21	13 50 Mountain		Solid	×	×	×	×						-	رخي							
SVV-6 (890-1435-23)	10/12/21	13 55 Mountain		Solid	×	×	×	×														
SW-7 (890-1435-24)	10/12/21	14 00 Mountain		Solid	×	×	×	×					-	-	. (<u>1</u>				Ì			
SW-8 (890-1435-25)	10/12/21	14 05 Mountain		Solid	×	$\hat{\mathbf{x}}$	×	×						\dashv	روف							
SVV-9 (890-1435-26)	10/12/21	14 10 Mountain		Solid	×	×	×	×		-					4							
Note Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratory manifain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.	places the ownership being analyzed the sa ne signed Chain of Cu	of method an amples must stody attestin	nalyte & accredit be shipped back to said complic	ation complia to the Eurofir ance to Euro	ice upon out s Xenco LLC ins Xenco LL	subcontra laborator	act labor y or oth	atories er instru	This san	nple shi	oment i	s forwa	rded un	der cha	in-of-c	status	If the I	aborati be brou	ory doe	s not c	ories This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenoo LLC.	<u>ا</u>
Possible Hazard Identification Unconfirmed					Same	Sample Disposal (A f	osal To C		fee may be assessed if samples are retained longer than 1 month)	e asse	assessed if san Disposal By Lab	if sar 3v Lat	nples	□ are	Arch	tained long	gerti	han 1	nom	nth)		·
Deliverable Requested 1 II II IV Other (specify)	Primary Deliverable Rank	able Rank	2		Speci	Special Instructions/QC Requirements	uction	Ö C	equirer	nents		ľ	ļ		-							
Empty Kit Relinquished by		Date			Time			,		,	M _{Et}	od of S	Method of Shipment					l	l			
Reinquistred by	Date/Time			Company	Į.	Received by		Z	\mathcal{Z}	M			Date/Time;	ηe;					Com	Company		
Relinquished by	Date/Time			Company	17	Received by	¥,						Date/Time	퓲	ĺ				- 8	Company		
]	Date/Time.			Company	20	Received by:	¥				.		Date/Time	ле.					ह्	Company		
A Yes A No					0	Cooler Temperature	nperatu	1 0	°C and Other Remarks	Rema	िह											

Received by OCD: 1/10/2022 7:06:31 AM

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1435-1

SDG Number: Lea County NM

List Source: Eurofins Xenco, Carlsbad

Login Number: 1435

List Number: 1 Creator: Clifton, Cloe

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

Eurofins Xenco, Carlsbad

Received by OCD: 1/10/2022 7:06:31 AM

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1435-1

SDG Number: Lea County NM

List Source: Eurofins Xenco, Midland List Creation: 10/15/21 12:19 PM

Login Number: 1435 List Number: 2

Creator: Kramer, Jessica

Creator: Kramer, Jessica		
Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s the Field Sampler's name present on COC?	True	
here 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	
ppropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
here 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	

Received by OCD: 1/10/2022 7:06:31 AM



eurofins

Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-1434-1

Laboratory Sample Delivery Group: Lea County NM Client Project/Site: Red Tank 4 Fed 1 (Red Tank)

For: Talon/LPE 408 W. Texas St.

Artesia, New Mexico 88210

Attn: Rebecca Pong

KRAMER

Authorized for release by: 10/25/2021 9:31:27 PM

Jessica Kramer, Project Manager (432)704-5440 jessica.kramer@eurofinset.com

..... Links

Review your project results through

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

Та	b	le	of	Co	nte	nts
ıu			VI	\mathbf{U}		

Cover Page	1
Table of Contents	
Definitions/Glossary	
	4
Client Sample Results	5
Surrogate Summary	17
	19
	28
Lab Chronicle	33
Certification Summary	38
	39
	40
	41
Receipt Checklists	45

Received by OCD: 1/10/2022 7:06:31 AM

MDL

MQL

MLMPN

Definitions/Glossary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Qualifiers

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

HPLC/IC

Qualifier	Qualifier Description

U	Analyte was not detected at or above the SDL.	
Glossary		
Abbreviation	These commonly used abbreviations may or may not be present in this report.	
п	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)	
Dìl 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)	

NC Not Calculated

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

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

QC Quality Control RER Relative Error Ratio (Radiochemistry)

Method Detection Limit Minimum Level (Dioxin)

Most Probable Number

Method Quantitation Limit

RL Reporting Limit or Requested Limit (Radiochemistry)

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

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

TNTC Too Numerous To Count

Case Narrative

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Job ID: 890-1434-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-1434-1

Receipt

The samples were received on 10/14/2021 1:00 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 1.2°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-9911 and analytical batch 880-10084 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: Surrogate recovery for the following samples were outside control limits: S-39 (890-1434-1) and S-41 (890-1434-3). 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.

GC Semi VOA

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-10073 and analytical batch 880-10053 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28)

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

HPLC/IC

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

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Lab Sample ID: 890-1434-1

Matrix: Solid

Client Sample ID: S-39

Date Collected: 10/13/21 10:15 Date Received: 10/14/21 13:00

Sample Depth: 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		10/19/21 15:07	10/21/21 14:28	
Toluene	0.000931	J	0.00199	0.000454	mg/Kg		10/19/21 15:07	10/21/21 14:28	
Ethylbenzene	<0.00199	U	0.00199	0.000563	mg/Kg		10/19/21 15:07	10/21/21 14:28	
m-Xylene & p-Xylene	< 0.00398	U	0.00398	0.00101	mg/Kg		1 0 /19/21 15:0 7	10/21/21 14:28	
o-Xylene	0.000852	J	0.00199	0.000343	mg/Kg		10/19/21 15: 07	10/21/21 14:28	
Xylenes, Total	<0,00398	U	0.00398	0.00101	mg/Kg		10/19/21 15:07	10/21/21 14:28	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	116		70 130				10/19/21 15:07	10/21/21 14:28	
1,4-Difluorobenzene (Surr)	146	X	70 - 130				10/19/21 15:07	10/21/21 14:28	
Method: Total BTEX - Total BTE)	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.00178				mg/Kg				
Method: 8015 NM - Diesel Range		O) (GC) Qualifier	RL	MDL	l lesit	D	Prepared	Analyzed	Dil Fa
Analyte		Qualifier	49.9		mg/Kg	=		10/20/21 13:58	
Total TPH	66.2		49.3	10.0	mg/r\g			(0.20.21 10.55	
Method: 8015B NM - Diesel Rang	e Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics GRO)-C6-C10	36.2	J	49,9	15.0	mg/Kg		10/20/21 10:32	10/20/21 12:03	•
Diesel Range Organics (Over C10-C28)	30.0	J	49.9	15.0	mg/Kg		10/ 2 0/21 10:32	10/20/21 12:03	,
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 12:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	93	,	70 - 130				10/20/21 10:32	10/20/21 12:03	1
o-Terphenyl	94		70 - 130				10/20/21 10:32	10/20/21 12:03	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RĹ	MDL	Unit	D	Prepared	Analyzed	Dil Fac
			5.01	0.860	mg/Kg			10/21/21 19:13	1

Client Sample ID: S-40

Date Collected: 10/13/21 10:20 Date Received: 10/14/21 13:00

Sample Depth: 5

Received by OCD: 1/10/2022 7:06:31 AM

Lab Sample ID: 890-1434-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	Ū	0.00199	0.000383	mg/Kg		10/19/21 15:07	10/21/21 14:48	1
Toluene	< 0.00199	U	0.00199	0.000454	mg/Kg		10/19/21 15:07	10/21/21 14:48	1
Ethylbenzene	<0.00199	U	0.00199	0.000563	mg/Kg		10/19/21 15:07	10/21/ 2 1 14:48	1
m-Xylene & p-Xylene	0.00191	J	0.00398	0.00101	mg/Kg		10/19/21 15:07	10/21/21 14:48	1
o-Xylene	0.000397	J	0.00199	0.000343	mg/Kg		10/19/21 15:07	10/21/21 14:48	1
Xylenes, Total	0.00231	J	0.00398	0.00101	mg/Kg		10/19/21 15:07	10/21/21 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/19/21 15:07	10/21/21 14:48	1

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Lab Sample ID: 890-1434-2

Client Sample ID: S-40

Sample Depth: 5

+	
Date Collected: 10/13/21 10:20	Matrix: Solid
Date Received: 10/14/21 13:00	

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100	-	70 - 130				10/19/21 15:07	10/21/21 14:48	1
Method: Total BTEX - Total BTE)	(Calculation								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00231	J	0,00398	0.00101	mg/Kg			10/25/21 18:48	1
 Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Апаlyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66.6		50.0	15.0	mg/Kg			10/20/21 13:58	1
Method: 8015B NM - Diesel Rang						_			DU 5
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	38.0	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:04	1
(GRO)-C6-C10 Diesel Range Organics (Over	28.6	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:04	1
C10-C28)		-							
Olf Range Organics (Over C28-C36)	<50.0	υ	50,0	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				10/20/21 10:32	10/20/21 13:04	1
o-Terphenyl	91		70 - 130				10/20/21 10:32	10/20/21 13:04	1
_ Method: 300.0 - Anions, Ion Chro	matography =	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

0.850 mg/Kg 214 4.95 Chloride Lab Sample ID: 890-1434-3

Date Collected: 10/13/21 10:25 Date Received: 10/14/21 13:00

Client Sample ID: S-41

Sample Depth: 3 - 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000384	mg/Kg		10/19/21 15:07	10/21/21 15:09	1
Toluene	0,00111	j	0,00200	0.000455	mg/Kg		10/19/21 15:07	10/21/21 15:09	1
Ethylbenzene	<0,00200	U	0.00200	0.000564	mg/Kg		10/19/21 15:07	10/21/21 15:09	1
m-Xylene & p-Xylene	0.00143	J	0.00399	0.00101	mg/Kg		10/19/21 15:07	10/21/21 15:09	1
o-Xylene	0.00129	J	0.00200	0.000343	mg/Kg		10/19/21 15:07	10/21/21 15:09	1
Xylenes, Total	0.00272	J	0.00399	0.00101	mg/Kg		10/19/21 15:07	10/21/21 15:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	\overline{X}	70 - 130				10/19/21 15:07	10/21/21 15:09	1
1,4-Diffuorobenzene (Surr)	97		70 - 130				10/19/21 15:07	10/21/21 15:09	1
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00383	J	0.00399	0.00101	mg/Kg	,,,,,,,		10/25/21 18:48	1
Method: 8015 NM - Diesel Ran	ige Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.4		50.0	15.0	mg/Kg			10/20/21 13:58	1

Eurofins Xenco, Carlsbad

Matrix: Solid

o-Terphenyl

Received by OCD: 1/10/2022 7:06:31 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Lab Sample ID: 890-1434-3

Lab Sample ID: 890-1434-4

Analyzed

10/21/21 15:29

D

Prepared

10/19/21 15:07

Matrix: Solid

Dil Fac

Matrix: Solid

Client Sample ID: S-41

Date Collected: 10/13/21 10:25 Date Received: 10/14/21 13:00

Sample Depth: 3 - 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	31.9	J	50,0	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:24	1
Diesel Range Organics (Over C10-C28)	32.5	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:24	1
Oll Range Organics (Over C28-C36)	<50,0	U	50.0	15.0	mg/Kg		10/20/ 2 1 10:32	10/20/21 13:24	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 130				10/20/21 10:32	10/20/21 13:24	1
o-Terphenyl	120		70 - 130				10/20/21 10:32	10/20/21 13:24	1

Method: 300.0 - Anions, Ion Chrom	ıatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223	5.04	0.865 mg/Kg			10/21/21 19:42	1

RL

0.00200

Result Qualifier

0.000848 Jb

121

MDL

0.000385 mg/Kg

Client Sample ID: S-42

Date Collected: 10/13/21 11:05

Date Received: 10/14/21 13:00

Method: 8021B - Volatile Organic Compounds (GC)

Sample Depth: 3

Analyte

Benzene

0.000922	J	0.00200	0.000456	mg/Kg		10/19/21 15:07	10/21/21 15:29	1
0.000566	JЬ	0.00200	0.000565	mg/Kg		10/19/21 15:07	10/21/21 15:29	1
0.00139	J	0.00400	0.00101	mg/Kg		10/19/21 15:07	10/21/21 15:29	1
0.000688	J	0,00200	0.000344	mg/Kg		10/19/21 15:07	10/21/21 15: 2 9	1
0.00208	J	0.00400	0.00101	mg/Kg		10/19/21 15:07	10/21/21 15:29	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
88	54	70 - 130				10/19/21 15:07	10/21/21 15:29	1
75		70 - 130				10/19/21 15:07	10/21/21 15:29	1
EX Calculation								
Result	Qualifler	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
0.00441		0.00400	0,00101	mg/Kg		30,7 %	10/25/21 18:48	1
je Organics (DR	O) (GC)							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
						•		Dirac
50.4		50.0	15.0	mg/Kg			10/20/21 13:58	1
	RO) (GC)	50.0	15.0	mg/Kg				1
nge Organics (D	RO) (GC) Qualifier	50.0 RL	15.0		D	Prepared		1 Dil Fac
nge Organics (D	Qualifier		MDL		D		10/20/21 13:58	1
nge Organics (D	Qualifier	RL	MDL 15.0	Unit	D	Prepared	10/20/21 13:58 Analyzed	1
nge Organics (D Result <50.0	Qualifier	RL 50.0	MDL 15.0	Unit mg/Kg	D	Prepared 10/20/21 10:32 10/20/21 10:32	10/20/21 13:58 Analyzed 10/20/21 14:05 10/20/21 14:05	Dil Fac
nge Organics (D Result <50.0	Qualifier U	RL 50.0	MDL 15.0 15.0	Unit mg/Kg	<u>D</u>	Prepared 10/20/21 10:32	10/20/21 13:58 Analyzed 10/20/21 14:05	Dil Fac
nge Organics (D Result <50.0	Qualifier U	RL 50.0	MDL 15.0 15.0	Unit mg/Kg mg/Kg	D	Prepared 10/20/21 10:32 10/20/21 10:32	10/20/21 13:58 Analyzed 10/20/21 14:05 10/20/21 14:05	Dil Fac
	0.000566 0.00139 0.000688 0.00208 **Recovery 88 75 EX Calculation Result 0.00441 ge Organics (DR	75 EX Calculation Result Qualifler	0.000566 J b	0.000566 J b	0.000566 J b	0.000566 J b	0.000566 J b	0.000566 J b 0.00200 0.000565 mg/Kg 10/19/21 15:07 10/21/21 15:29 0.00139 J 0.00400 0.00101 mg/Kg 10/19/21 15:07 10/21/21 15:29 0.000688 J 0.00200 0.000344 mg/Kg 10/19/21 15:07 10/21/21 15:29 0.00208 J 0.00400 0.00101 mg/Kg 10/19/21 15:07 10/21/21 15:29 10/21/21 15:09 10/21/21 15:07 10/21/21 15:29 10/21/21 15:07 10/21/21 15:29 10/21/21 15:07 10/21/21 15:29 10/21/21 15:07 10/21/21 15:29 10/21/21 15:07 10/21/21 15:29 10/21/21 15:07 10/21/21 15:29 10/21/21 15:07 10/21/21 15:29 10/21/21 15:07 10/21/21 15:29 10/19/21 15:07 10/21/21 15:29 10/21/21 15:09 10/21/21 15:09 10/21/21 15:09 10/21/21 15:09 10/21/21 15:09 10/21/21 15:09 10/21/21 15:29 10/21/21 15:09 10/21/2

Eurofins Xenco, Carlsbad

10/20/21 14:05

10/20/21 10:32

Released to Imaging: 1/27/2022 7:53:29 AM

70 - 130

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Client Sample ID: S-42

Date Collected: 10/13/21 11:05

Sample Depth: 3

Date Received: 10/14/21 13:00

Lab Sample ID: 890-1434-4

Lab Sample ID: 890-1434-5

Matrix: Solid

Matrix: Solid

Method: 300.0 - Anions, Ion Chrom	atography - S	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	 D .	Prepared	Analyzed	Dil Fac
Chloride	200		4.99	0.857	mg/Kg			10/21/21 19:49	1

Client Sample ID: S-43

Date Collected: 10/13/21 11:10 Date Received: 10/14/21 13:00

Sample Depth: 1.5 - 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	Ū	0.00199	0.000383	mg/Kg		10/19/21 15:07	10/21/21 15:49	1
Taluene	<0.00199	U	0.00199	0.000453	mg/Kg		10/19/21 15:07	10/21/21 15:49	1
Ethylbenzene	0.000805	J b	0.00199	0.000562	mg/Kg		10/19/21 15:07	10/21/21 15:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0,00100	mg/Kg		10/19/21 15:07	10/21/21 15:49	1
o-Xylene	<0,00199	U	0.00199	0.000342	mg/Kg		10/19/21 15:07	10/21/21 15:49	1
Xylenes, Total	<0.00398	U	0.00398	0.00100	mg/Kg		10/19/21 15:07	10/21/21 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/19/21 15:07	10/21/21 15:49	1
1,4-Difluorobenzene (Surr)	105		70 - 130				10/19/21 15:07	10/21/21 15:49	1
- Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0,00398	0.00100	mg/Kg			10/25/21 18:48	1
Method: 8015 NM - Diesel Range Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
								,	
Total TPH	56.8		49.9	15.0	mg/Kg			10/20/21 13:58	1
Total TPH : Method: 8015B NM - Diesel Ran		RO) (GC)	49.9	15.0	mg/Kg				1
- ·	ge Organics (D	RO) (GC) Qualifier	49.9 RL	MDL	Unit	D	Prepared	Analyzed	1 Dil Fac
Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics	ge Organics (D	Qualifier		MDL		<u>D</u>	Prepared 10/20/21 10:32		
Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D Result	Qualifier J	RL	MDL 15.0	Unit	<u>D</u>		Analyzed	1
Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10	ge Organics (D Result 22.7	Qualifier J J	RL 49.9	MDL 15.0 15.0	Unit mg/Kg	<u>D</u>	10/20/21 10:32	Analyzed 10/20/21 13:44	1
Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result 22.7 34.1	Qualifier J J	RL 49.9 49.9	MDL 15.0 15.0	Unit mg/Kg mg/Kg	D	10/20/21 10:32 10/20/21 10:32 10/20/21 10:32 Prepared	Analyzed 10/20/21 13:44 10/20/21 13:44 10/20/21 13:44 Analyzed	1 1 1 Dil Fac
Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (D Result 22.7 34.1 <49.9	Qualifier J J	RL 49.9 49.9	MDL 15.0 15.0	Unit mg/Kg mg/Kg	D	10/20/21 10:32 10/20/21 10:32 10/20/21 10:32	Analyzed 10/20/21 13:44 10/20/21 13:44 10/20/21 13:44	1
Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chiorooctane	ge Organics (D Result 22.7 34.1 <49.9 %Recovery	Qualifier J J	RL 49.9 49.9 49.9 <i>Limits</i>	MDL 15.0 15.0	Unit mg/Kg mg/Kg	D	10/20/21 10:32 10/20/21 10:32 10/20/21 10:32 Prepared	Analyzed 10/20/21 13:44 10/20/21 13:44 10/20/21 13:44 Analyzed	1 1 1 Dil Fac
Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (D Result 22.7 34.1 <49.9 **Recovery 113 127 omatography -	Qualifier J U Qualifier Soluble	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	MDL 15.0 15.0	Unit mg/Kg mg/Kg mg/Kg		10/20/21 10:32 10/20/21 10:32 10/20/21 10:32 Prepared 10/20/21 10:32 10/20/21 10:32	Analyzed 10/20/21 13:44 10/20/21 13:44 10/20/21 13:44 Analyzed 10/20/21 13:44 10/20/21 13:44	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chiorooctane o-Terphenyl	ge Organics (D Result 22.7 34.1 <49.9 **Recovery 113 127 omatography -	Qualifier J U Qualifier	RL 49.9 49.9 49.9 <i>Limits</i> 70 - 130	MDL 15.0 15.0 15.0	Unit mg/Kg mg/Kg		10/20/21 10:32 10/20/21 10:32 10/20/21 10:32 Prepared 10/20/21 10:32	Analyzed 10/20/21 13:44 10/20/21 13:44 10/20/21 13:44 Analyzed 10/20/21 13:44	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Released to Imaging: 1/27/2022 7:53:29 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Lab Sample ID: 890-1434-6

Matrix: Solid

Client Sample ID: S-44

Date Collected: 10/13/21 11:15 Date Received: 10/14/21 13:00 Sample Depth: 1.5 - 2

Analyte	c Compounds (Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	0.000389	mg/Kg		10/19/21 15:07	10/21/21 16:10	
Toluene	0.000659	J	0.00202	0.000461	mg/Kg		10/19/21 15:07	10/21/21 16:10	1
Ethylbenzene	0.00149	Jb	0,00202	0,000571	mg/Kg		10/19/21 15:07	10/21/21 16:10	1
m-Xylene & p-Xylene	< 0.00404	U	0,00404	0.00102	mg/Kg		10/19/21 15:07	10/21/21 16:10	1
o-Xylene	<0.00202	υ	0.00202	0.000347	mg/Kg		10/19/21 15:07	10/21/21 16:10	1
Xylenes, Total	<0.00404	U	0.00404	0.00102	mg/Kg		10/19/21 15:07	10/21/21 16:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100	w.··	70 - 130				10/19/21 15:07	10/21/21 16:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/19/21 15:07	10/21/21 16:10	1
- Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00215	J	0.00404	0.00102	mg/Kg			10/25/21 18:48	1
- Method: 8015 NM - Diesei Range	organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.0		50,0	15.0	mg/Kg			10/20/21 13:58	1
Method: 8015B NM - Diesel Rang	ge Organics (Di	RO) (GC)							
4 b t	D16	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	
Analyte	Result	Qualifier							LEATT-
Gasoline Range Organics	31.5		50,0		mg/Kg	_	10/20/21 10:32	10/20/21 14:25	LEATT
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		J		15.0	mg/Kg mg/Kg	_ =			1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	31.5	J J	50.0	15.0 15.0			10/20/21 10:32	10/20/21 14:25	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	31.5 30.5	J U	50,0 50,0	15.0 15.0	mg/Kg		10/20/21 10:32 10/20/21 10:32	10/20/21 14:25 10/20/21 14:25	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	31.5 30.5 <50.0	n n	50.0 50.0 50.0	15.0 15.0	mg/Kg		10/20/21 10:32 10/20/21 10:32 10/20/21 10:32	10/20/21 14:25 10/20/21 14:25 10/20/21 14:25	1 1 1 <i>Dil F</i> ac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate	31.5 30.5 <50.0 %Recovery	J J U Qualifier	50.0 50.0 50.0 <i>Limits</i>	15.0 15.0	mg/Kg	=	10/20/21 10:32 10/20/21 10:32 10/20/21 10:32 Prepared	10/20/21 14:25 10/20/21 14:25 10/20/21 14:25 Analyzed	1 1 1 Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	31.5 30.5 <50.0 %Recovery 109 134	J J U Qualifier	50.0 50.0 50.0 Limits 70 - 130	15.0 15.0	mg/Kg	_ =	10/20/21 10:32 10/20/21 10:32 10/20/21 10:32 Prepared 10/20/21 10:32 10/20/21 10:32	10/20/21 14:25 10/20/21 14:25 10/20/21 14:25 Analyzed 10/20/21 14:25 10/20/21 14:25	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	31.5 30.5 <50.0 <u>%Recovery</u> 109 134 omatography -	J J U Qualifier	50.0 50.0 50.0 Limits 70 - 130	15.0 15.0	mg/Kg	<u>D</u>	10/20/21 10:32 10/20/21 10:32 10/20/21 10:32 Prepared 10/20/21 10:32	10/20/21 14:25 10/20/21 14:25 10/20/21 14:25 Analyzed 10/20/21 14:25	Dil Fac

Client Sample ID: S-45

Date Collected: 10/13/21 12:00 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Received by OCD: 1/10/2022 7:06:31 AM

Lab Sample ID: 890-1434-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0,00200	U	0.00200	0.000384	mg/Kg		10/19/21 15:07	10/21/21 17:07	1
Toluene	<0.00200	υ	0.00200	0.000455	mg/Kg		10/19/21 15:07	10/21/21 17:07	1
Ethylbenzene	<0.00200	U	0.00200	0.000564	mg/Kg		10/19/21 15:07	10/21/21 17:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	0.00101	mg/Kg		10/19/21 15:07	10/21/21 17:07	1
o-Xylene	< 0.00200	U	0,00200	0,000343	mg/Kg		10/19/21 15:07	10/21/21 17:07	1
Xylenes, Total	<0.00399	U	0.00399	0.00101	mg/Kg		10/19/21 15:07	10/21/21 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				10/19/21 15:07	10/21/21 17:07	1

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Client Sample ID: S-45

Date Collected: 10/13/21 12:00 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Lab Sample ID: 890-1434-7

10/21/21 20:10

Lab Sample ID: 890-1434-8

Matrix: Solid

Matrix: Solid

<u>D</u>	Prepared	Analyzed 10/21/21 17:07 Analyzed 10/25/21 18:48 Analyzed 10/20/21 13:58	Dil Fac
<u>D</u>	Prepared Prepared	10/25/21 18:48 Analyzed 10/20/21 13:58	Dil Fac
<u>D</u>	Prepared Prepared	10/25/21 18:48 Analyzed 10/20/21 13:58	Dil Fac Dil Fac Dil Fac
=	Prepared	Analyzed 10/20/21 13:58	1
=	Prepared	10/20/21 13:58	1
=	Prepared	10/20/21 13:58	1
<u>D</u>	<u> </u>		
<u>D</u>	<u> </u>	Analyzed	Dil Fac
	40/00/04 40/00		
	10/20/21 10:32	10/20/21 14:45	1
	10/20/21 10:32	10/20/21 14:45	1
	10/20/21 10:32	10/20/21 14:45	1
	Prepared	Analyzed	Dil Fac
	10/20/21 10:32	10/20/21 14:45	1
	10/20/21 10:32	10/20/21 14:45	1
		Prepared 10/20/21 10:32 10/20/21 10:32	Prepared Analyzed 10/20/21 10:32 10/20/21 14:45

5.00

197

0.858 mg/Kg

Client Sample ID: SW-10

Date Collected: 10/13/21 12:05

Date Received: 10/14/21 13:00

Sample Depth: 5

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0,00201	0,000387	mg/Kg		10/19/21 15:07	10/21/21 17:28	1
Toluene	<0.00201	U	0.00201	0.000458	mg/Kg		10/19/21 15:07	10/21/21 17:28	1
Ethylbenzene	<0.00201	U	0.00201	0.000567	mg/Kg		10/19/21 15:07	10/21/21 17:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	0.00101	mg/Kg		10/19/21 15:07	10/21/21 17:28	1
o-Xylene	<0.00201	U	0.00201	0.000345	mg/Kg		10/19/21 15:07	10/21/21 17:28	1
Xylenes, Total	<0.00402	U	0.00402	0.00101	mg/Kg		10/19/21 15:07	10/21/21 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 130				10/19/21 15:07	10/21/21 17:28	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/19/21 15:07	10/21/21 17:28	1
Method: Total BTEX - Total B	TEX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	0.00101	mg/Kg			10/25/21 18:48	1
Method: 8015 NM - Diesel Rar	nge Organics (DR	O) (GC)							
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
								10/20/21 13:58	

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Client Sample ID: SW-10

Date Collected: 10/13/21 12:05 Date Received: 10/14/21 13:00

Sample Depth: 5

Lab Sample ID: 890-1434-8

Matrix: Solid

Lab Sample ID: 890-1434-9

Analyzed

10/22/21 13:04

10/22/21 13:04

10/22/21 13:04

Prepared

10/21/21 13:00

10/21/21 13:00

10/21/21 13:00

Matrix: Solid

Dil Fac

Analyte	Result	Qualifier	RL.	MDL	Unit	Ď	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	51.4	. 4.40	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 15:05	1
(GRO)-C6-C10			40.0	45.0			10/20/21 10:32	10/20/21 15:05	1
Diesel Range Organics (Over	28.7	J	49.9	75.0	mg/Kg		10/20/21 10.32	10/20/21 15:05	r
C10-C28) Oll Range Organics (Over C28-C36)	<49.9	п	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 15:05	1
Off Range Organics (Over 626-650)	470.0	· ·	40.0	10.0	919				
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorocctane	108		70 - 130				10/20/21 10:32	10/20/21 15:05	1
o-Terphenyl	122		70 130				10/20/21 10:32	10/20/21 15:05	1

Analyte Result Qualifier 10/21/21 20:17 195 5.01 0.860 mg/Kg Chloride

RL

0.00198

0.00198

0.00198

MDL Unit

0.000382 mg/Kg

0.000452 mg/Kg

0.000561 mg/Kg

Client Sample ID: SW-11

Date Collected: 10/13/21 12:10 Date Received: 10/14/21 13:00

Method: 8021B - Volatile Organic Compounds (GC)

Result Qualifier

<0.00198 U

<0,00198 U

<0.00198 U

Sample Depth: 5

Analyte

Benzene

Toluene

Ethylbenzene

Volene R = Volene	< 0.00397	11	0.00397	0.00100	ma/Ka		10/21/21 13:00	10/22/21 13:04	1
m-Xylene & p-Xylene							10/21/21 13:00	10/22/21 13:04	1
o-Xylene	<0,00198	υ	0.00198	0.000341	mg/Kg				•
Xylenes, Total	<0.00397	U	0,00397	0.00100	mg/Kg		10/21/21 13:00	10/22/21 13:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/21/21 13:00	10/22/21 13:04	1
1,4-Difluorobenzene (Surr)	116		70 - 130				10/21/21 13:00	10/22/21 13:04	1
 Method: Total BTEX - Total BTE)	K Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	Ü	0,00397	0.00100	mg/Kg			10/25/21 18:48	1
- Method: 8015 NM - Diesel Range	organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.3		50.0	15.0	mg/Kg			10/20/21 13:58	1
Method: 8015B NM - Diesel Rang	ge Organics (Di	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	34.4	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 15:25	1
Diesel Range Organics (Over	29.9	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 15:25	1
C10-C28)									
Oli Range Organics (Over C28-C36)	<50,0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				10/20/21 10:32	10/20/21 15:25	1
o-Terphenyl	127		70 - 130				10/20/21 10:32	10/20/21 15:25	1
_									

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Client Sample ID: SW-11

Date Collected: 10/13/21 12:10

Date Received: 10/14/21 13:00

Sample Depth: 5

Lab Sample ID: 890-1434-9

Lab Sample ID: 890-1434-10

Matrix: Solid

Matrix: Solid

Method: 300.0 - Anions, lon Chro	matography - Soluble						
Analyte	Result Qualifier	RI.	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.7	4.97	0.853 mg/K	g		10/21/21 20:39	1

Client Sample ID: SW-12

Date Collected: 10/13/21 13:00

Date Received: 10/14/21 13:00

Sample Depth: 3 - 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		10/21/21 13:00	10/22/21 13:24	1
Toluene	<0,00200	U	0.00200	0.000456	mg/Kg		10/21/21 13:00	10/22/21 13:24	1
Ethylbenzene	<0,00200	U	0.00200	0.000565	mg/Kg		10/21/21 13:00	10/22/21 13:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/21/21 13:00	10/22/21 13:24	1
o-Xylene	< 0 .00200	U	0,00200	0.000344	mg/Kg		10/21/21 13:00	10/22/21 13:24	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/21/21 13:00	10/22/21 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Díl Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/21/21 13:00	10/22/21 13:24	1
1,4-Difluorobenzene (Surr)	112		70 - 130				10/21/21 13:00	10/22/21 13:24	1
- Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	0,00101	mg/Kg			10/25/21 18:48	1
Method: 8015 NM - Diesel Range Analyte		O) (GC) Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	55.8		50.0	15.0	mg/Kg			10/20/21 15:45	1
Method: 8015B NM - Diesel Rang	ie Organics (Di	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	D11 F
Gasoline Range Organics	41,2		50.0	15,0	mg/Kg		10/21/21 09:49		Dil Fac
(CDO) C6.C40							10/21/21 00:43	10/21/21 17:34	1 Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over	16.4		50,0	15.0	mg/Kg		10/21/21 09:49	10/21/21 17:34 10/21/21 17:34	
Diesel Range Organics (Over C10-C28)		J*			mg/Kg mg/Kg				1
. ,	16.4	J*	50.0				10/21/21 09:49	10/21/21 17:34	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	16.4 <50.0	J*	50.0 50.0				10/21/21 09:49	10/21/21 17:34 10/21/21 17:34	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	16.4 <50.0 <i>%Recovery</i>	J*	50.0 50.0 <i>Limits</i>				10/21/21 09:49 10/21/21 09:49 Prepared	10/21/21 17:34 10/21/21 17:34 Analyzed	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	16.4 <50.0 %Recovery 107 116	J * U <i>Qualifier</i>	50.0 50.0 <u>Limits</u> 70 - 130				10/21/21 09:49 10/21/21 09:49 Prepared 10/21/21 09:49	10/21/21 17:34 10/21/21 17:34 Analyzed 10/21/21 17:34	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	16.4 <50.0 **Recovery 107 116 **Dematography -	J * U <i>Qualifier</i>	50.0 50.0 <u>Limits</u> 70 - 130		mg/Kg	<u>D</u>	10/21/21 09:49 10/21/21 09:49 Prepared 10/21/21 09:49	10/21/21 17:34 10/21/21 17:34 Analyzed 10/21/21 17:34 10/21/21 17:34 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro	16.4 <50.0 **Recovery 107 116 **Dematography -	J * U Qualifier Soluble	50.0 50.0 <u>Limits</u> 70 - 130 70 - 130	15.0 MDL	mg/Kg	<u>D</u>	10/21/21 09:49 10/21/21 09:49 Prepared 10/21/21 09:49 10/21/21 09:49	10/21/21 17:34 10/21/21 17:34 Analyzed 10/21/21 17:34 10/21/21 17:34	1 1 1 1 Dii Fac 1

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Lab Sample ID: 890-1434-11

Matrix: Solid

Client Sample ID: SW-13

Date Collected: 10/13/21 13:05 Date Received: 10/14/21 13:00

Sample Depth: 3 - 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	Ü	0.00200	0.000385	mg/Kg		10/19/21 15:01	10/21/21 09:08	
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/19/21 15:01	10/21/21 09:08	
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		10/19/21 15:01	10/21/21 09:08	
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/19/21 15:01	10/21/21 09:08	
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		10/19/21 15:01	10/21/21 09:08	
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/19/21 15:01	10/21/21 09:08	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	123		70 - 130				10/19/21 15:01	10/21/21 09:08	
1,4-Difluorobenzene (Surr)	89		70 - 130				10/19/21 15:01	10/21/21 09:08	
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00400		0.00400	0.00101	mg/Kg			10/25/21 18:48	
Method: 8015B NM - Diesel Rang		RO) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte	39.7		50,0		mg/Kg		10/20/21 10:32	10/20/21 16:27	
Gasoline Range Organics (GRO)-C6-C10	39.7	J	30,0	10.0	mg/rvg		10/20/21 10/02	70.20.27	
Diesel Range Organics (Over	26.1	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 16:27	
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 16:27	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	101		70 - 130				10/20/21 10:32	10/20/21 16:27	
o-Terphenyl	109		70 - 130				10/20/21 10:32	10/20/21 16:27	
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Method: 300.0 - Anions, Ion Chro Analyte		Soluble Qualifier	RL	MDL	Unit	D	Prepared	Analyzed 10/21/21 21:07	Dil Fa

Client Sample ID: SW-14

Date Collected: 10/13/21 13:10

Date Received: 10/14/21 13:00

Sample Depth: 1.5 - 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000384	mg/Kg		10/19/21 15:01	10/21/21 09:28	1
Toluene	<0,00200	U	0.00200	0.000455	mg/Kg		10/19/21 15:01	10/21/21 09:28	1
Ethylbenzene	<0.00200	U	0,00200	0.000564	mg/Kg		10/19/21 15:01	10/21/21 09:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	0.00101	m g /Kg		10/19/21 15:01	10/21/21 09:28	1
o-Xylene	<0.00200	U	0.00200	0.000343	mg/Kg		10/19/21 15:01	10/21/21 09:28	1
Xylenes, Total	<0.00399	U	0.00399	0.00101	m g /Kg		10/19/21 15:01	10/21/21 09:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared .	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				10/19/21 15:01	10/21/21 09:28	1
1.4-Difluorobenzene (Surr)	104		70 - 130				10/19/21 15:01	10/21/21 09:28	1

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-1434-12

Matrix: Solid

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Client Sample ID: SW-14

Date Collected: 10/13/21 13:10 Date Received: 10/14/21 13:00

Sample Depth: 1.5 - 2

Lab Sample ID: 890-1434-12

Lab Sample ID: 890-1434-13

Matrix: Solid

Matrix: Solid

Method: Total BTEX - Total BTEX						_			D.11 E
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	0.00101	mg/Kg			10/25/21 18:48	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.8		50,0	15.0	mg/Kg			10/20/21 13:58	1
- Method: 8015B NM - Diesel Rang	ge Organics (DI	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	46.7	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 16:47	1
(GRO)-C6-C10 Diesel Range Organics (Over	26.1	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 16:47	1
C10-C28)							10/00/01/10:00	40/00/04 40:47	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/20/21 10:32	10/20/21 16:47	1
o-Terphenyl	94		70 - 130				10/20/21 10:32	10/20/21 16:47	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7	****	5.04	0.865	mg/Kg			10/21/21 21:15	1

Client Sample ID: SW-15

Date Collected: 10/13/21 13:50 Date Received: 10/14/21 13:00

Method: 8021B - Volatile Organic Compounds (GC)

Sample Depth: 1.5 - 2

	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000467	J	0.00198	0.000381	mg/Kg		10/19/21 15:01	10/21/21 09:49	1
Toluene	0.000704	J	0.00198	0.000451	mg/Kg		10/19/21 15:01	10/21/21 09:49	1
Ethylbenzene	<0.00198	U	0.00198	0.000559	mg/Kg		10/19/21 15:01	10/21/21 09:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	0.00100	mg/Kg		10/19/21 15:01	10/21/21 09:49	1
o-Xylene	<0.00198	U	0.00198	0.000341	mg/Kg		10/19/21 15:01	10/21/21 09:49	1
Xylenes, Total	<0.00396	U	0,00396	0,00100	mg/Kg		10/19/21 15:01	10/21/21 09:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				10/19/21 15:01	10/21/21 09:49	1
1.4-Difluorobenzene (Surr)	89		70 - 130				10/19/21 15:01	10/21/21 09:49	1
Method: Total BTEX - Total BTE	X Calculation								
Method: Total BTEX - Total BTE		O 110	bi	BAIDI	Unit	n	Drangrad	Analyzeri	Dil Fac
Analyte		Qualifier J	RL 0.00396	MDL 0,00100	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 10/25/21 18:48	Dil Fac
Analyte Total BTEX	Result 0,00117	J				<u>D</u>	Prepared		Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rang	Result 0,00117 e Organics (DR	J			mg/Kg	<u>D</u>	Prepared Prepared		1
Method: Total BTEX - Total BTE Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	Result 0,00117 e Organics (DR) (GC)	0.00396	0.00100 MD L	mg/Kg	=		10/25/21 18:48	Dil Fac Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	Result 0,00117 e Organics (DR Result 63.8	J O) (GC) Qualifier	0.00396 RL	0.00100 MD L	mg/Kg Unit	=		10/25/21 18:48 Analyzed	1
Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	Result 0.00117 e Organics (DRO Result 63.8 uge Organics (DI	J O) (GC) Qualifier	0.00396 RL	0.00100 MD L	mg/Kg Unit mg/Kg	=		10/25/21 18:48 Analyzed	1

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Client Sample ID: SW-15

Date Collected: 10/13/21 13:50 Date Received: 10/14/21 13:00

Sample Depth: 1.5 - 2

Lab Sample ID: 890-1434-13

Lab Sample ID: 890-1434-14

Matrix: Solid

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	24.7	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 17:07	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/20/21 10:32	10/20/21 17:07	1
o-Terphenyl	94		70 - 130				10/20/21 10:32	10/20/21 17:07	1

Method: 300.0 - Anions, Ion Chro	matography - Soluble					
Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Chloride	15.4	4.97	0.853 mg/Kg		10/21/21 21:22	1

Client Sample ID: SW-16

Date Collected: 10/13/21 13:55

Date Received: 10/14/21 13:00

Method: 8021B - Volatile Organic Compounds (GC)

Sample Depth: 1.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	0.000387	mg/Kg		10/19/21 15:01	10/21/21 10:09	1
Toluene	<0.00201	U	0.00201	0.000459	mg/Kg		10/19/21 15:01	10/21/21 10:09	1
Ethylbenzene	<0.00201	U	0.00201	0.000568	mg/Kg		10/19/21 15:01	10/21/21 10:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	0.00102	mg/Kg		10/19/21 15:01	10/21/21 10:09	1
o-Xylene	0.000350	J	0.00201	0.000346	mg/Kg		10/19/21 15:01	10/21/21 10:09	1
Xylenes, Total	<0.00402	U	0,00402	0.00102	mg/Kg		10/19/21 15:01	10/21/21 10:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				10/19/21 15:01	10/21/21 10:09	1
1,4-Difluorobenzene (Surr)	67	X	70 130				10/19/21 15:01	10/21/21 10:09	1
- Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	-0.00.100		0.00400	0.00102	malka			10/25/21 18:48	1
Total BTEX	<0.00402	U	0,00402	0.00102	myrky			10/20/21 18:40	
Total BTEX : Method: 8015 NM - Diesel Range			0,00402	0.00102	ilig/Ng			10/20/21 10.40	
	Organics (DR		0,00402 RL	MDL	9 9	D	Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)		MDL	9 9	<u>D</u>	Prepared		Dil Fac
Method: 8015 NM - Diesel Range _{Analyte}	Organics (DR Result 58.5	O) (GC) Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac 1
Method: 8015 NM - Diesel Range Analyte Total TPH	Organics (DR Result 58.5 ge Organics (DI	O) (GC) Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac 1 Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Organics (DR Result 58.5 ge Organics (DI	O) (GC) Qualifier RO) (GC) Qualifier	,RL 49.9	MDL 15.0 MDL	Unit mg/Kg			Analyzed 10/20/21 13:58	1
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Organics (DR Result 58.5 ge Organics (DI Result	Qualifier RO) (GC) Qualifier J	RL 49.9	MDL 15.0	Unit mg/Kg Unit		Prepared	Analyzed 10/20/21 13:58 Analyzed	1 Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	Organics (DR Result 58.5 ge Organics (DI Result 33.8	Qualifier RO) (GC) Qualifier J	RL 49.9 RL 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg		Prepared 10/20/21 10:32	Analyzed 10/20/21 13:58 Analyzed 10/20/21 17:27	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Organics (DR Result 58.5 ge Organics (DI Result 33.8	Qualifier RO) (GC) Qualifier J U	RL 49.9 RL 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/20/21 10:32 10/20/21 10:32 10/20/21 10:32 Prepared	Analyzed 10/20/21 13:58 Analyzed 10/20/21 17:27 10/20/21 17:27 4nalyzed	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Olf Range Organics (Over C28-C36)	Organics (DR Result 58.5 ge Organics (DI Result 33.8 24.7	Qualifier RO) (GC) Qualifier J U	RL 49.9 RL 49.9 49.9	MDL 15.0 MDL 15.0	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 10/20/21 10:32 10/20/21 10:32 10/20/21 10:32	Analyzed 10/20/21 13:58 Analyzed 10/20/21 17:27 10/20/21 17:27	1 Dil Fac 1

Received by OCD: 1/10/2022 7:06:31 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Lab Sample ID: 890-1434-14

Matrix: Solid

Client Sample ID: SW-16

Date Collected: 10/13/21 13:55 Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 300.0 - Anions, Ion	Chromatography - Soluble							
Алаlyte	Result Qualifier	RL	MDL	Unit	D	 Prepared	Analyzed	Dil Fac
Chloride	13.4	5.04	0.865	mg/Kg			10/21/21 21:29	1

Received by OCD: 1/10/2022 7:06:31 AM

Surrogate Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Li
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1412-A-41-D MS	Matrix Spike	134 X	102	
890-1412-A-41-E MSD	Matrix Spike Duplicate	118	104	
890-1434-1	S-39	116	146 X	
890-1434-1 MS	\$-39	136 X	125	
890-1434-1 M SD	S-39	96	92	
390-1434-2	S-40	95	100	
390-1434-3	S-41	67 X	97	
390-1434-4	S-42	88	75	
390-1434-5	S-43	97	105	
390-1434-6	S-44	100	102	
390-1434-7	S-45	89	84	
390-1434-8	SW-10	106	102	
390-1434-9	SW-11	99	116	
90-1434-10	SW-12	95	112	
90-1434-11	SW-13	123	89	
90-1434-12	SW-14	113	104	
90-1434-13	SW-15	128	89	
90-1434-14	SW-16	120	67 X	
10-1436-A-1-D MS	Matrix Spike	94	92	
90-1436-A-1-E MSD	Matrix Spike Duplicate	95	92	
CS 880-10082/1-A	Lab Control Sample	102	96	
CS 880-9909/1-A	Lab Control Sample	113	101	
CS 880-9911/1-A	Lab Control Sample	88	99	
CSD 880-10082/2-A	Lab Control Sample Dup	102	97	
CSD 880-9909/2-A	Lab Control Sample Dup	113	99	
CSD 880-9911/2-A	Lab Control Sample Dup	88	102	
1B 880-10082/5-A	Method Blank	111	98	
1B 880-9753/5-A	Method Blank	106	94	
1B 880-9909/5-A	Method Blank	103	97	
IB 880-9911/5 - A	Method Blank	100	104	
1B 880-9954/5-A	Method Blank	118	103	
Surrogate Legend		200 p	4	
BFB = 4-Bromofluoroben	zene (Surr)			

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

Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)
		1001	OTPH1	
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	
30-7346-A-1-F MS	Matrix Spike	127	124	
80-7346-A-1-G MSD	Matrix Spike Duplicate	123	125	
90-1434-1	S-39	93	94	
90-1434-1 MS	S-39	98	95	
90-1434-1 MSD	S-39	101	96	
90-1434-2	S-40	88	91	
90-1434-3	S-41	102	120	
90-1434-4	S-42	56 X	121	

Eurofins Xenco, Carlsbad

Prep Type: Total/NA

Surrogate Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance
		1001	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
90-1434-5	S-43	113	127	
390-1434-6	S-44	109	134 X	
90-1434-7	S-45	121	143 X	
90-1434-8	SW-10	108	122	
90-1434-9	SW-11	113	127	
0-1434-10	SW-12	107	116	
90-1434-11	SW-13	101	109	
0-1434-12	SW-14	97	94	
10-1434-13	SW-15	93	94	
0-1434-14	SW-16	102	102	
S 880-10073/2-A	Lab Control Sample	88	83	
S 880-9952/2-A	Lab Control Sample	90	87	
CSD 880-10073/3-A	Lab Control Sample Dup	98	94	
SD 880-9952/3-A	Lab Control Sample Dup	82	80	
B 880-10073/1-A	Method Blank	103	108	
B 880-9952/1-A	Method Blank	97	104	
Surrogate Legend				
1CO = 1-Chlorooctane	Police Po			(de =

OTPH = o-Terphenyl

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-10082/5-A

Matrix: Solid

Analysis Batch: 10086

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

Prep Batch: 10082

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0,00200	0.000385	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
m-Xylene & p-Xy	lene <0.00400	U	0.00400	0.00101	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
o-Xylene	<0.00200	U	0,00200	0.000344	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/21/21 13:00	10/22/21 07:08	1
7,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									

MB MB

Surrogate	%Recovery	Qualifier	Limits	_	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	. 1	0/21/21 13:00	10/22/21 07:08	1
1,4-Diffuorobenzene (Surr)	98		70 - 130	1	0/21/21 13:00	10/22/21 07:08	1

Lab Sample ID: LCS 880-10082/1-A

Matrix: Solid

Analysis Batch: 10086

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 10082

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08621		mg/Kg		86	70 130	
Toluene	0.100	0.08303		mg/Kg		83	70 130	
Ethylbenzene	0,100	0.08803		mg/Kg		88	70 - 130	
m-Xylene & p-Xylene	0.200	0.1716		mg/Kg		86	70 - 130	
o-Xylene	0.100	0.08940		mg/Kg		89	70 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 130
1,4-Diffuorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-10082/2-A

Matrix: Solid

Analysis Batch: 10086

Client Sample	ID:	Lab	Control	Sample	e Dup
---------------	-----	-----	---------	--------	-------

Prep Type: Total/NA

Prep Batch: 10082

Spike	LCSD	LCSD				%Rec.		RPD
Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
0.100	0.08243		mg/Kg		82	70 - 130	4	35
0.100	0.08181		mg/Kg		82	70 - 130	1	35
0.100	0.08657		mg/Kg		87	70 - 130	2	35
0.200	0.1690		mg/Kg		84	70 - 130	2	35
0.100	0.08784		mg/Kg		88	70 - 130	2	35
	Added 0.100 0.100 0.100 0.100 0.200	Added Result 0.100 0.08243 0.100 0.08181 0.100 0.08657 0.200 0.1690	Added Result Qualifier 0.100 0.08243 0.100 0.08181 0.100 0.08657 0.200 0.1690	Added Result Qualifier Unit 0.100 0.08243 mg/Kg 0.100 0.08181 mg/Kg 0.100 0.08657 mg/Kg 0.200 0.1690 mg/Kg	Added Result Qualifier Unit D 0.100 0.08243 mg/Kg 0.100 0.08181 mg/Kg 0.100 0.08657 mg/Kg 0.200 0.1690 mg/Kg	Added Result Qualifier Unit D %Rec 0.100 0.08243 mg/Kg 82 0.100 0.08181 mg/Kg 82 0.100 0.08657 mg/Kg 87 0.200 0.1690 mg/Kg 84	Added Result Qualifier Unit D %Rec Limits 0.100 0.08243 mg/Kg 82 70 - 130 0.100 0.08181 mg/Kg 82 70 - 130 0.100 0.08657 mg/Kg 87 70 - 130 0.200 0.1690 mg/Kg 84 70 - 130	Added Result Qualifier Unit D %Rec Limits RPD 0.100 0.08243 mg/Kg 82 70 - 130 4 0.100 0.08181 mg/Kg 82 70 - 130 1 0.100 0.08657 mg/Kg 87 70 - 130 2 0.200 0.1690 mg/Kg 84 70 - 130 2

LCSD	LCSE
------	------

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	97		70 ₋ 130

Lab Sample ID: 890-1436-A-1-D MS

Matrix: Solid

Analysis Batch: 10086

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

Prep Batch: 10082

Analysis batch: 10000										
•	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	_ D	%Rec	Limits	
Benzene	<0.00199	U	0.0998	0,06756	N1	mg/Kg		68	70 - 130	
Toluene	<0.00199	U	0.0998	0.06433	N1	mg/Kg		64	70 - 130	

Received by OCD: 1/10/2022 7:06:31 AM

Released to Imaging: 1/27/2022 7:53:29 AM

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

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

Lab Sample ID: 890-1436-A-1-D MS

Matrix: Solid

Analysis Batch: 10086

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 10082

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifler	Unit	D	%Rec	Limíts	
Ethylbenzene	<0.00199	Ū	0.0998	0.06496	N1	mg/Kg		65	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1187	N1	mg/Kg		59	70 - 130	
o-Xylene	<0.00199	U	0.0998	0.06443	N1	mg/Kg		65	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-1436-A-1-E MSD

Matrix: Solid

Analysis Batch: 10086

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 10082

,	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	Ū	0.100	0.06708	N1	mg/Kg		67	70 - 130	1	35
Toluene	<0.00199	U	0.100	0.06296	N1	mg/Kg		63	70 - 130	2	35
Ethylbenzene	<0.00199	U	0.100	0.06462	N1	mg/Kg		65	70 - 130	1	35
m-Xylene & p-Xylene	<0,00398	U	0.200	0.1185	N1	mg/Kg		59	70 - 130	0	35
o-Xylene	<0.00199	Ū	0.100	0.06433	N1	mg/Kg		64	70 - 130	0	35

MSD MSD

Surrogate	%Recovery (Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1.4-Diffuorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-9753/5-A

Matrix: Solid

Analysis Batch: 9941

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9753

Į		IAID	IMP							
-	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00200	U	0,00200	0.000385	mg/Kg		10/18/21 14:13	10/20/21 16:22	1
	Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/18/21 14:13	10/20/21 16:22	1
	Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		10/18/21 14:13	10/20/21 16:22	1
	m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/18/21 14:13	10/20/21 16:22	1
	o-Xylene	<0.00200	U	0.00200	0,000344	mg/Kg		10/18/21 14:13	10/20/21 16:22	1
	Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/18/21 14:13	10/20/21 16:22	1
	, 1, 101.00, 1010.									

	IND	MID				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106	***	70 - 130	10/18/21 14:13	10/20/21 16:22	1
1,4-Difluorobenzene (Surr)	94		70 130	10/18/21 14:13	10/20/21 16:22	1

Lab Sample ID: MB 880-9909/5-A

Matrix: Solid

Analysis Batch: 9941

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9909

	MB	MB							
Analyte	Result	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		10/19/21 15:01	10/21/21 03:13	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/19/21 15:01	10/21/21 03:13	1
Ethylbenzene	<0.00200	U	0,00200	0.000565	mg/Kg		10/19/21 15:01	10/21/21 03:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0,00101	mg/Kg		10/19/21 15:01	10/21/21 03:13	1

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

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

Lab Sample ID: MB 880-9909/5-A

Matrix: Solid

Analysis Batch: 9941

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9909

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0,00200	U	0.00200	0.000344	mg/Kg		10/19/21 15:01	10/21/21 03:13	1
Xylenes, Total	<0.00400	U	0,00400	0.00101	mg/Kg		10/19/21 15:01	10/21/21 03:13	1
	.45	140							

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/19/21 15:01	10/21/21 03:13	1
1,4-Diffuorobenzene (Surr)	97		70 - 130	10/19/21 15:01	10/21/21 03:13	1

Lab Sample ID: LCS 880-9909/1-A

Matrix: Solid

Analysis Batch: 9941

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 9909

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08928		mg/Kg		89	70 - 130	
Toluene	0.100	0,08823		mg/Kg		88	70 - 130	
Ethylbenzene	0.100	0.09066		mg/Kg		91	70 - 130	
m-Xylene & p-Xylene	0,200	0.1904		mg/Kg		95	70 - 130	
o-Xylene	0.100	0.09534		mg/Kg		95	70 . 130	

LCS LCS

Surrogate	%Recovery Q	ualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-9909/2-A

Matrix: Solid

Analysis Batch: 9941

Client Sample ID:	Lab Control	Sample	Dup
-------------------	-------------	--------	-----

Prep Type: Total/NA

Prep Batch: 9909

,	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0,100	0.09200		mg/Kg		92	70 - 130	3	35
Toluene	0.100	0.09137		mg/Kg		91	70 - 130	3	35
Ethylbenzene	0.100	0.09784		mg/Kg		98	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2032		mg/Kg		102	70 - 130	6	35
o-Xylene	0.100	0.1002		mg/Kg		100	70 130.	5	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-1412-A-41-D MS

Matrix: Solid

Received by OCD: 1/10/2022 7:06:31 AM

Analysis Batch: 9941

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

Prep Batch: 9909

-	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.00155	J	0.0992	0.05498	N1	mg/Kg		54	70 - 130	
Toluene	0.000495	J	0.0992	0.06551	N1	mg/Kg		66	70 - 130	
Ethylbenzene	< 0.00199	U	0.0992	0.07496		mg/Kg		76	70 - 130	
m-Xylene & p-Xylene	0.00107	J	0,198	0.1574		mg/Kg		79	70 - 130	
o-Xylene	0.000859	J	0.0992	0.07490		mg/Kg		75	70 - 130	

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

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

Lab Sample ID: 890-1412-A-41-D MS

Matrix: Solid

Analysis Batch: 9941

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 9909

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	X	70 - 130
1,4-Difluorobenzeпе (Surr)	102		70 - 130

Lab Sample ID: 890-1412-A-41-E MSD

Matrix: Solid

Analysis Batch: 9941

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 9909

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.00155	J	0.100	0,07768		mg/Kg		76	70 - 130	34	35
Toluene	0.000495	J	0.100	0.07343		mg/Kg		73	70 - 130	11	35
Ethylbenzene	<0.00199	U	0.100	0.07251		mg/Kg		73	70 - 130	3	35
m-Xylene & p-Xylene	0.00107	J	0.200	0.1539		mg/Kg		76	70 130	2	35
o-Xylene	0.000859	J	0.100	0.07759		mg/Kg		77	70 - 130	4	35
· •											

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1.4-Difluorobenzene (Surr)	104		70 ₋ 130

Lab Sample ID: MB 880-9911/5-A

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9911

	MR	MP							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0004406	J	0.00200	0.000385	mg/Kg		10/19/21 15:07	10/21/21 13:59	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/19/21 15:07	10/21/21 13:59	1
Ethylbenzene	0.0006920	J	0.00200	0.000565	mg/Kg		10/19/21 15:07	10/21/21 13:59	1
m-Xylene & p-Xylene	<0.00400	U	0,00400	0.00101	mg/Kg		10/19/21 15:07	10/21/21 13:59	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		10/19/21 15:07	10/21/21 13:59	1
Xylenes, Total	<0.00400		0.00400	0.00101	ma/Ka		10/19/21 15:07	10/21/21 13:59	1
Valence, Iotal	10.00400	•	2.00.00		. 5 9				

MB MB

	ni D	W.D				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 _ 130	10/1 9/2 1 15:07	10/21/21 13:59	1
1,4-Diffuorobenzene (Surr)	104		70 - 130	10/19/21 15:07	10/21/21 13:59	1

Lab Sample ID: LCS 880-9911/1-A

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: Lab Control Sample Prep Type: Total/NA Prep Batch: 9911

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0,1034		mg/Kg		103	70 - 130	
Toluene	0.100	0.1080		mg/Kg		108	70 - 130	
Ethylbenzene	0,100	0.1174		mg/Kg		117	70 - 130	
m-Xylene & p-Xylene	0,200	0.2275		mg/Kg		114	70 - 130	
o-Xylene	0.100	0.1186		mg/Kg		119	70 - 130	
-								

LCS LCS

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene (Surr)
 88
 70 - 130

Eurofins Xenco, Carlsbad

Released to Imaging: 1/27/2022 7:53:29 AM

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

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

Lab Sample ID: LCS 880-9911/1-A

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9911

LCS LCS

 Surrogate
 %Recovery
 Qualifier
 Limits

 1,4-Diffuorobenzene (Surr)
 99
 70-130

Lab Sample ID: LCSD 880-9911/2-A

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9911

RPD %Rec. LCSD LCSD Spike Limit Limits RPD Added Result Qualifier Unit %Rec Analyte 70 - 130 2 35 105 0.100 0.1055 mg/Kg Benzene 35 70 - 130 3 0.100 0.1109 mg/Kg 111 Toluene 117 70 - 130 35 0.1167 mg/Kg 0.100 Ethvíbenzene 0 35 113 70 . 130 0.200 0.2266 mg/Kg m-Xylene & p-Xylene 119 70 - 130 35 mg/Kg 0.100 0.1189 o-Xylene

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 ₋ 130
1,4-Difluorobenzene (Surr)	102		70 _ 130

Lab Sample ID: 890-1434-1 MS

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: S-39
Prep Type: Total/NA

Prep Batch: 9911

	Sample	Sample	Spike	MS	MS				70Kec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.0990	0.09342		mg/Kg		94	70 - 130	
Toluene	0.000931	J	0.0990	0.1154		mg/Kg		116	70 - 130	
Ethylbenzene	<0.00199	U	0,0990	0.1197		mg/Kg		121	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.198	0.2190		mg/Kg		111	70 - 130	
o-Xylene	0.000852	J	0.0990	0.1308	N1	mg/Kg		131	70 _ 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	X	70 130
1.4-Diffuorobenzene (Surr)	125		70 - 130

Lab Sample ID: 890-1434-1 MSD

Matrix: Solid

Analysis Batch: 10084

Client Sample ID: S-39 Prep Type: Total/NA Prep Batch: 9911

%Rec. RPD Spike MSD MSD Sample Sample RPD Limit %Rec Limits Result Qualifier Unit Added Result Qualifier Analyte 18 35 78 70 .. 130 0.07836mg/Kg <0.00199 U 0.100 Benzene 35 22 70 - 130 mg/Kg 92 0.100 0.09275 0.000931 J Toluene 70 - 130 19 35 mg/Kg 99 0.09852 <0.00199 U 0.100 Ethylbenzene 19 35 0.1818 mg/Kg 91 70 . 130 <0.00398 U 0.200 m-Xylene & p-Xylene 35 mg/Kg 70 - 130 27 0.100 0.09965 0.000852 J o-Xylene

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1.4-Difluorobenzene (Surr)	92		70 - 130

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Prep Batch: 10073

Prep Type: Total/NA

Prep Batch: 10073

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

Lab Sample ID: MB 880-9954/5-A

Matrix: Solid

Analysis Batch: 10086

MB MB

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9954

	мв	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		10/20/21 10:54	10/21/21 20:12	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/20/21 10:54	10/21/21 20:12	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		10/20/21 10:54	10/21/21 20:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 10:54	10/21/21 20:12	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		10/20/21 10:54	10/21/21 20:12	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 10:54	10/21/21 20:12	1
	мв	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118	,	70 _ 130				10/20/21 10:54	10/21/21 20:12	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/20/21 10:54	10/21/21 20:12	1

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

Lab Sample ID: MB 880-10073/1-A Client Sample ID: Method Blank

Matrix: Solid Prep Type: Totai/NA

Analysis Batch: 10053

MB MB Dil Fac Analyzed Result Qualifier RL MDL Unit Prepared Analyte 15.0 mg/Kg 10/21/21 09:49 10/21/21 11:42 <50.0 U 50.0 Gasoline Range Organics (GRO)-C6-C10 50.0 15.0 mg/Kg 10/21/21 09:49 10/21/21 11:42 <50.0 U Diesel Range Organics (Over C10-C28) 10/21/21 09:49 10/21/21 11:42 50.0 15.0 mg/Kg <50.0 U Oll Range Organics (Over C28-C36)

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 _ 130	10/21/21 09:4	9 10/21/21 11:42	1
o-Terphenyl	108		70 - 130	10/21/21 09:4	9 10/21/21 11:42	1

O-Terphenyl

I ah Sample ID: LCS 880-10073/2-A

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-10073/2-A Matrix: Solid

Analysis Batch: 10053

Spike LCS LCS %Rec. %Rec Limits Result Qualifier Added Unit Analyte 70 - 130 801.8 mg/Kg 80 1000 Gasoline Range Organics (GRO)-C6-C10 82 70 - 1301000 816.3 mg/Kg Diesel Range Organics (Over

C10-C28)

(GRO)-C6-C10

	LCS	LUS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	83		70 - 130

Client Sample ID: Lab Control Sample Dup Lab Sample ID: LCSD 880-10073/3-A Prep Type: Total/NA Matrix: Solid Prep Batch: 10073 Analysis Batch: 10053 RPD %Rec. Spike LCSD LCSD Limit RPD Added Result Qualifier Unit %Rec Limits 20 70 - 130 20 1000 983.9 mg/Kg 98 Gasoline Range Organics

Eurofins Xenco, Carlsbad

1/27/2022 7:53:29 AM

Released to Imaging:

20

70 - 130

106

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

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

	Lab Sample ID: LCSD 880-10073/3-A					Client Sample ID: Lab Control Sample Dup							
Matrix: Solid								Prep 1	Type: To	tal/NA			
i	Analysis Batch: 10053							Prep	Batch:	10073			
		Spike	LCSD	LCSD				%Rec.		RPD			
	Analyte	Added	Result	Qualifler	Unit	D	%Rec	Limits	RPD	Limit			
	Diesel Range Organics (Over	1000	1020	*	mg/Kg		102	70 - 130	22	20			
ı	C10-C28)												

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	94		70 - 130

Client Sample ID: Matrix Spike Lab Sample ID: 880-7346-A-1-F MS Prep Type: Total/NA Matrix: Solid Prep Batch: 10073

Analysis Batch: 10053

(GRO)-C6-C10

ļ		Sample	Sample	Spike	MS	MS				%Rec.	
	Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
	Gasoline Range Organics	16.4	J	996	1082		mg/Kg		107	70 - 130	
	(GRO)-C6-C10									70 400	
ļ	Diesel Range Organics (Over	1190	*	996	2214		mg/Kg		103	70 - 130	
	C10-C28)										

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	124		70 - 130

Lab Sample ID: 880-7346-A-1-G MSD	Client Sample ID: Matrix Spike Duplicate
Matrix: Solid	Prep Type: Total/NA

Prep Batch: 10073 Analysis Batch: 10053 Spike RPD MSD MSD %Rec. Sample Sample Limits Limit Result Qualifier Unit %Rec **RPD** Result Qualifier Added Analyte 998 1061 mg/Kg 105 70 - 130 2 20 16.4 J Gasoline Range Organics

2245

mg/Kg

998 1190 * Diesel Range Organics (Over C10-C28) MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	125		70 - 130

Client Sample ID: Method Blank Lab Sample ID: MB 880-9952/1-A Prep Type: Total/NA Matrix: Solid

Analysis Batch: 9929								Prep Bate	:h: 9952
•	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50,0	15.0	mg/Kg		10/20/21 10:32	10/20/21 11:03	1
(GRO)-C6-C10 Diesel Range Organics (Over	<50,0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 11:03	1
C10-C28) Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 11:03	1
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/20/21 10:32	10/20/21 11:03	1
o-Terphenyl	104		70 ₋ 130				10/20/21 10:32	10/20/21 11:03	1

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

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

Lab Sample ID: LCS 880-9952/ Matrix: Solid Analysis Batch: 9929	2-A						Client	Sample	Ргер Т	ontrol Sample ype: Total/NA o Batch: 9952
			Spike	LCS	LCS				%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	·		1000	935,6		mg/Kg		94	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over			1000	898.6		mg/Kg		90	70 - 130	
C10-C28)										
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	90		70 _ 130							
o-Terphenyl	87		70 - 130							
Lab Sample ID: LCSD 880-9952	2/3-A					Clie	nt Sam	ple ID: I	Lab Contro	Sample Dup
Matrix: Solid									Prep Ty	pe: Total/NA
Analysis Batch: 9929										Batch: 9952
Allaly Sid Datoll. 0020			Spike	LCSD	LCSD				%Rec.	RPD

	Spike	TC2D	rc2n				Mec.		IC-D
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	772.9		mg/Kg		77	70 - 130	19	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	779.9		mg/Kg		78	70 130	14	20
C10-C28)									

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: 890-1434-1 MS	Client Sample ID: S-39
Matrix: Solid	Prep Type: Total/NA
Analysis Rafch: 9929	Prep Batch: 9952

,	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	36.2	J	997	886.1		mg/Kg		85	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	30,0	J	997	913.5		mg/Kg		89	70 - 130	
C10-C28)										

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98	Man a Company	70 _ 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 890-1434-1 MSD Matrix: Solid Analysis Batch: 9929									-	mple ID ype: To p Batch	tal/NA
Timery of a Parton 1920	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	36.2	J	998	967.8	-	mg/Kg		93	70 - 130	9	20
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	30.0	J	998	913.1		mg/Kg		88	70 - 130	0	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	101	2.000	70 - 130								

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

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

Lab Sample ID: 890-1434-1 MSD

Matrix: Solid

Analysis Batch: 9929

Client Sample ID: S-39 Prep Type: Total/NA

Prep Batch: 9952

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: SW-10

Client Sample ID: SW-10

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

MSD MSD

%Recovery Qualifier Limits Surrogate 96 o-Terphenyl

70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-9768/1-A

Matrix: Solid

Analysis Batch: 10010

мв мв

Dil Fac D Analyzed RI. MDL Unit Prepared Result Qualifier Analyte 10/21/21 15:11 <5.00 U 5.00 0.858mg/Kg Chloride

Lab Sample ID; LCS 880-9768/2-A

Matrix: Solid

Analysis Batch: 10010

Spike LCS LCS %Rec. D %Rec Limits Added Result Qualifier Unit Analyte 90 - 110 250 258.5 mg/Kg 103 Chloride

Lab Sample ID: LCSD 880-9768/3-A

Matrix: Solid

Analysis Batch: 10010

LCSD LCSD %Rec. RPD Spike RPD Limit Limits Added Result Qualifier Unit %Rec Analyte 101 90 - 110 250 252.6 mg/Kg Chloride

Lab Sample ID: 890-1434-8 MS

Matrix: Solid

Analysis Batch: 10010

%Rec. MS MS Sample Sample Spike Limits Qualifier Added Result Qualifier Unit D %Rec Result Analyte 99 90 .. 110 251 443.6 mg/Kg Chloride 195

Lab Sample ID: 890-1434-8 MSD

Matrix: Solid

Analysis Batch: 10010

%Rec. RPD Sample Sample Spike MSD MSD **RPD** Limit %Rec Limits Result Qualifier Added Result Qualifier Unit Analyte 0 20 100 90 - 110 251 mg/Kg 195 444.8 Chloride

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

GC VOA

Prep E	3atch:	9753
--------	--------	------

Ì	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
	MB 880-9753/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 9909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-11	SW-13	Total/NA	Solid	5035	
890-1434-12	SW-14	Total/NA	Solid	5035	
890-1434-13	SW-15	Total/NA	Solid	5035	
890-1434-14	SW-16	Total/NA	Solid	5035	
MB 880-9909/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-9909/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-9909/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1412-A-41-D MS	Matrix Spike	Total/NA	Solid	5035	
890-1412-A-41-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 9911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-1	S-39	Total/NA	Solid	5035	
890-1434-2	S-40	Total/NA	Solid	5035	
890-1434-3	S-41	Total/NA	Solid	5035	
890-1434-4	S-42	Total/NA	Solid	5035	
890-1434-5	S-43	Total/NA	Solid	5035	
890-1434-6	S-44	Total/NA	Solid	5035	
890-1434-7	S-45	Total/NA	Solid	5035	
890-1434-8	SW-10	Total/NA	Solid	5035	
MB 880-9911/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-9911/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-9911/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1434-1 MS	S-39	Total/NA	Solid	5035	
890-1434-1 MSD	S-39	Total/NA	Solid	5035	

Analysis Batch: 9941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-11	SW-13	Total/NA	Solid	8021B	9909
890-1434-12	SW-14	Total/NA	Solid	8021B	9909
890-1434-13	SW-15	Total/NA	Solid	8021B	9909
890-1434-14	SW-16	Total/NA	Solid	8021B	9909
MB 880-9753/5-A	Method Blank	Total/NA	Solid	8021B	9753
MB 880-9909/5-A	Method Blank	Total/NA	Solid	8021 B	9909
LCS 880-9909/1-A	Lab Control Sample	Total/NA	Solid	8021B	9909
LCSD 880-9909/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	9909
890-1412-A-41-D MS	Matrix Spike	Total/NA	Solid	8021B	9909
890-1412-A-41-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	9909

Prep Batch: 9954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-9954/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 10082

ľ	Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
	890-1434-9	SW-11	Total/NA	Solid	5035	
	890-1434-10	SW-12	Total/NA	Solid	5035	

Eurofins Xenco, Carlsbad

Released to Imaging: 1/27/2022 7:53:29 AM

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 10082 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-10082/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-10082/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-10082/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1436-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-1436-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 10084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-1	S-39	Total/NA	Solid	8021B	9911
890-1434-2	S-40	Total/NA	Solid	8021B	9911
890-1434-3	S-41	Total/NA	Solid	8021B	9911
890-1434-4	S-42	Total/NA	Solid	8021B	9911
890-1434-5	S-43	Total/NA	Solid	8021B	9911
890-1434-6	S-44	Total/NA	Solid	8021B	9911
890-1434-7	S-45	Total/NA	Solid	8021B	9911
890-1434-8	SW-10	Total/NA	Solid	8021B	9911
MB 880-9911/5-A	Method Blank	Total/NA	Solid	8021B	9911
LCS 880-9911/1-A	Lab Control Sample	Total/NA	Solid	8021B	9911
LCSD 880-9911/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	9911
890-1434-1 MS	S-39	Total/NA	Solid	8021B	9911
890-1434-1 MSD	S-39	Total/NA	Solid	8021B	9911

Analysis Batch: 10086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-9	SW-11	Total/NA	Solid	8021B	10082
890-1434-10	SW-12	Total/NA	Solid	8021B	10082
MB 880-10082/5-A	Method Blank	Total/NA	Solid	8021B	10082
MB 880-9954/5-A	Method Blank	Total/NA	Solid	8021B	9954
LCS 880-10082/1-A	Lab Control Sample	Total/NA	Solid	8021B	10082
LCSD 880-10082/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	10082
890-1436-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	10082
890-1436-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	10082

Analysis Batch: 10526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-1	S-39	Total/NA	Solid	Total BTEX	
890-1434-2	S-40	Total/NA	Solid	Total BTEX	
890-1434-3	S-41	Total/NA	Solid	Total BTEX	
890-1434-4	S-42	Total/NA	Solid	Total BTEX	
890-1434-5	S-43	Total/NA	Solid	Total BTEX	
890-1434-6	S-44	Total/NA	Solid	Total BTEX	
890-1434-7	S-45	Total/NA	Solid	Total BTEX	
890-1434-8	SW-10	Total/NA	Solid	Total BTEX	
890-1434-9	SW-11	Total/NA	Solid	Total BTEX	
890-1434-10	SW-12	Total/NA	Solid	Total BTEX	
890-1434-11	SW-13	Total/NA	Solid	Total BTEX	
890-1434-12	SW-14	Total/NA	Solid	Total BTEX	
890-1434-13	SW-15	Total/NA	Solid	Total BTEX	
890-1434-14	SW-16	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

GC Semi VOA

Analysis Batch: 9929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-1	S-39	Total/NA	Solid	8015B NM	9952
890-1434-2	S-40	Total/NA	Solid	8015B NM	9952
890-1434-3	S-41	Total/NA	Solid	8015B NM	9952
890-1434-4	S-42	Total/NA	Solid	8015B NM	9952
890-1434-5	S-43	Total/NA	Solid	8015B NM	9952
890-1434-6	S-44	Total/NA	Solid	8015B NM	9952
890-1434-7	S-45	Total/NA	Solid	8015B NM	9952
890-1434-8	SW-10	Total/NA	Solid	8015B NM	9952
890-1434-9	SW-11	Total/NA	Solid	8015B NM	9952
890-1434-10	SW-12	Total/NA	Solid	8015 NM	
890-1434-11	SW-13	Total/NA	Solid	8015B NM	9952
890-1434-12	SW-14	Total/NA	Solid	8015B NM	9952
890-1434-13	SW-15	Total/NA	Solid	8015B NM	9952
890-1434-14	SW-16	Totai/NA	Solid	8015B NM	9952
MB 880-9952/1-A	Method Blank	Total/NA	Solid	8015B NM	9952
LCS 880-9952/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	9952
LCSD 880-9952/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	9952
890-1434-1 MS	S-39	Total/NA	Solid	8015B NM	9952
890-1434-1 MSD	S-39	Total/NA	Solid	8015B NM	9952

Prep Batch: 9952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-1434-1	S-39	Total/NA	Solid	8015NM Prep	
890-1434-2	S-40	Total/NA	Solid	8015NM Prep	
890-1434-3	S-41	Total/NA	Solid	8015NM Prep	
890-1434-4	S-42	Total/NA	Solid	8015NM Prep	
890-1434-5	S-43	Totai/NA	Solid	8015NM Prep	
890-1434-6	S-44	Total/NA	Solid	8015NM Prep	
890-1434-7	S-45	Total/NA	Solid	8015NM Prep	
890-1434-8	SW-10	Total/NA	Solid	8015NM Prep	
890-1434-9	SW-11	Total/NA	Solid	8015NM Prep	
890-1434-11	SW-13	Total/NA	Solid	8015NM Prep	
890-1434-12	SW-14	Total/NA	Solid	8015NM Prep	
890-1434-13	SW-15	Total/NA	Solid	8015NM Prep	
890-1434-14	SW-16	Total/NA	Solid	8015NM Prep	
MB 880-9952/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-9952/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-9952/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
390-1434-1 MS	S-39	Total/NA	Solid	8015NM Prep	
890-1434-1 MSD	S-39	Total/NA	Solid	8015NM Prep	

Analysis Batch: 10003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-1	S-39	Total/NA	Solid	8015 NM	
890-1434-2	S-40	Total/NA	Solid	8015 NM	
890-1434-3	S-41	Total/NA	Solid	8015 NM	
890-1434-4	S-42	Total/NA	Solid	8015 NM	
890-1434-5	S-43	Total/NA	Solid	8015 NM	
890-1434-6	S-44	Total/NA	Solid	8015 NM	
890-1434-7	S-45	Total/NA	Solid	8015 NM	
890-1434-8	SW-10	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 10003 (Continued)

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-1434-9	SW-11	Total/NA	Solid	8015 NM	
890-1434-12	SW-14	Total/NA	Solid	8015 NM	
890-1434-13	SW-15	Total/NA	Solid	8015 NM	
890-1434-14	SW-16	Total/NA	Solid	8015 NM	

Analysis Batch: 10053

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-1434-10	SW-12	Total/NA	Solid	8015B NM	10073
MB 880-10073/1-A	Method Blank	Total/NA	Solid	8015B NM	10073
LCS 880-10073/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	10073
LCSD 880-10073/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	10073
880-7346-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	10073
880-7346-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	10073

Prep Batch: 10073

lient Sample ID	Prep Type	Matrix	Method	Prep Batch
W-12	Total/NA	Solid	8015NM Prep	
ethod Blank	Total/NA	Solid	8015NM Prep	
ab Control Sample	Total/NA	Solid	8015NM Prep	
ab Control Sample Dup	Total/NA	Solid	8015NM Prep	
atrix Spike	Total/NA	Solid	8015NM Prep	
atrix Spike Duplicate	Total/NA	Solid	8015NM Prep	
	N-12 ethod Blank Ib Control Sample Ib Control Sample Dup atrix Spike	N-12 Total/NA ethod Blank Total/NA lb Control Sample Total/NA lb Control Sample Total/NA lb Control Sample Dup Total/NA atrix Spike Total/NA	N-12 Total/NA Solid ethod Blank Total/NA Solid b Control Sample Total/NA Solid b Control Sample Dup Total/NA Solid atrix Spike Total/NA Solid	N-12 Total/NA Solid 8015NM Prep ethod Blank Total/NA Solid 8015NM Prep ib Control Sample Total/NA Solid 8015NM Prep ib Control Sample Dup Total/NA Solid 8015NM Prep atrix Spike Total/NA Solid 8015NM Prep

HPLC/IC

Leach Batch: 9768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
890-1434-1	S-39	Soluble	Solid	DI Leach	
890-1434-2	S-40	Soluble	Solid	DI Leach	
890-1434-3	S-41	Solubie	Solid	DI Leach	
890-1434-4	S-42	Solubie	Solid	DI Leach	
890-1434-5	S-43	Soluble	Solid	DI Leach	
890-1434-6	S-44	Soluble	Solid	DI Leach	
890-1434-7	S-45	Soluble	Solid	Di Leach	
890-1434-8	SW-10	Soluble	Solid	DI Leach	
890-1434-9	SW-11	Soluble	Solid	DI Leach	
890-1434-10	SW-12	Soluble	Solid	DI Leach	
890-1434-11	SW-13	Soluble	Solid	DI Leach	
890-1434-12	SW-14	Soluble	Solid	DI Leach	
890-1434-13	SW-15	Soluble	Solid	DI Leach	
890-1434-14	SW-16	Soluble	Solid	DI Leach	
MB 880-9768/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-9768/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
_CSD 880-9768/3-A	Lab Control Sample Dup	Soluble	Solid	Di Leach	
390-1434-8 MS	SW-10	Soluble	Solid	DI Leach	
890-1434-8 MSD	SW-10	Soluble	Solid	DI Leach	

Analysis Batch: 10010

E	 .					
	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method P	rep Batch
	890-1434-1	S-39	Soluble	Solid	300.0	9768
	890-1434-2	S-40	Soluble	Solid	300.0	9768

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 10010 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-3	S-41	Soluble	Solid	300.0	9768
890-1434-4	S-42	Soluble	Solid	300.0	9768
890-1434-5	S-43	Solubie	Solid	300.0	9768
890-1434-6	S-44	Soluble	Solid	300.0	9768
890-1434-7	S-45	Soluble	Solid	300.0	9768
890-1434-8	SW-10	Soluble	Solid	300.0	9768
890-1434-9	SW-11	Soluble	Solid	300.0	9768
890-1434-10	SW-12	Soluble	Solid	300.0	9768
890-1434-11	SW-13	Soluble	Solid	300.0	9768
890-1434-12	SW-14	Soluble	Solid	300,0	9768
890-1434-13	SW-15	Soluble	Solid	300.0	9768
890-1434-14	SW-16	Soluble	Solid	300.0	9768
MB 880-9768/1-A	Method Blank	Soluble	Solid	0,008	9768
LCS 880-9768/2-A	Lab Control Sample	Soluble	Solid	0,006	9768
LCSD 880-9768/3-A	Lab Control Sample Dup	Solubie	Solid	300.0	9768
890-1434-8 MS	SW-10	Soluble	Solid	300.0	9768
890-1434-8 MSD	SW-10	Soluble	Solid	300.0	9768

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Client Sample ID: S-39

Date Collected: 10/13/21 10:15 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-1

Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	9911	10/19/21 15:07	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/21/21 14:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9929	10/20/21 12:03	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 19:13	CH	XEN MID

Client Sample ID: S-40

Date Collected: 10/13/21 10:20 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-2

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Totai/NA	Prep	5035		,	5.02 g	5 mL	9911	10/19/21 15:07	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/21/21 14:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9929	10/20/21 13:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 19:20	СН	XEN MID

Client Sample ID: S-41

Date Collected: 10/13/21 10:25 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-3

Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	9911	10/19/21 15:07	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/21/21 15:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MIC
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MIC
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9929	10/20/21 13:24	AJ	XEN MIC
Soluble	Leach	DI Leach			4.96 g	50 mL	9768	10/18/21 14:26	CA	XEN MIC
Soluble	Analysis	300.0		1			10010	10/21/21 19:42	CH	XEN MID

Client Sample ID: S-42

Received by OCD: 1/10/2022 7:06:31 AM

Date Collected: 10/13/21 11:05

Date Received: 10/14/21 13:00

Lab Sample ID: 890-1434-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035	- 		5.00 g	5 mL	9911	10/19/21 15:07	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/21/21 15:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Client Sample ID: S-42

Date Collected: 10/13/21 11:05 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9929	10/20/21 14:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 19:49	СН	XEN MID

Client Sample ID: S-43

Date Collected: 10/13/21 11:10 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-5

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	9911	10/19/21 15:07	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/21/21 15:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	LA	XEN MID
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10,02 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9929	10/20/21 13:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 19:56	CH	XEN MID

Client Sample ID: S-44

Date Collected: 10/13/21 11:15 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-6

Matrix: Solid

t/	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	9911	10/19/21 15:07	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/21/21 16:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	Ü		9929	10/20/21 14:25	AJ	XEN MID
Soluble	Leach	Di Leach			4.95 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1	_		10010	10/21/21 20:03	СН	XEN MID

Client Sample ID: S-45

Received by OCD: 1/10/2022 7:06:31 AM

Date Collected: 10/13/21 12:00 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-7

Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	9911	10/19/21 15:07	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/21/21 17:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9929	10/20/21 14:45	AJ	XEN MID

Received by OCD: 1/10/2022 7:06:31 AM

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Client Sample ID: S-45

Date Collected: 10/13/21 12:00 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
_Soluble	Analysis	300.0		1			10010	10/21/21 20:10	CH	XEN MID

Client Sample ID: SW-10

Date Collected: 10/13/21 12:05 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-8

Matrix: Solid

Batch	Batch		Díl	Initial	Final	Batch	Prepared		
Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Prep	5035			4.98 g	5 mL	9911	10/19/21 15:07	KL	XEN MID
Analysis	8021B		1	5 mL	5 mL	10084	10/21/21 17:28	MR	XEN MID
Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID
Prep	8015NM Prep			10.02 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Analysis	8015B NM		1			9929	10/20/21 15:05	AJ	XEN MID
Leach	D! Leach			4.99 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Analysis	300.0		1			10010	10/21/21 20:17	CH	XEN MID
	Type Prep Analysis Analysis Analysis Prep Analysis Leach	Type Method Prep 5035 Analysis 8021B Analysis Total BTEX Analysis 8015 NM Prep 8015NM Prep Analysis 8015B NM Leach Di Leach	Type Method Run Prep 5035 Analysis 8021B Analysis Total BTEX Analysis 8015 NM Prep 8015NM Prep Analysis 8015B NM Leach DI Leach	Type Method Run Factor Prep 5035 Factor Analysis 8021B 1 Analysis Total BTEX 1 Analysis 8015 NM 1 Prep 8015NM Prep Analysis Analysis 8015B NM 1 Leach Dì Leach	Type Method Run Factor Amount Prep 5035 4.98 g Analysis 8021B 1 5 mL Analysis Total BTEX 1	Type Method Run Factor Amount Amount Prep 5035 4.98 g 5 mL Analysis 8021B 1 5 mL 5 mL Analysis Total BTEX 1	Type Method Run Factor Amount Amount Number Prep 5035 4.98 g 5 mL 9911 Analysis 8021B 1 5 mL 5 mL 10084 Analysis Total BTEX 1 10526 10003 Analysis 8015 NM 1 10003 10003 Prep 8015NM Prep 10.02 g 10 mL 9952 Analysis 8015B NM 1 9929 Leach DI Leach 4.99 g 50 mL 9768	Type Method Run Factor Amount Amount Number or Analyzed Prep 5035 4.98 g 5 mL 9911 10/19/21 15:07 Analysis 8021B 1 5 mL 5 mL 10084 10/21/21 17:28 Analysis Total BTEX 1 1 0092 10093 10/25/21 18:48 Analysis 8015 NM 1 10003 10/20/21 13:58 Prep 8015NM Prep 10.02 g 10 mL 9952 10/20/21 10:32 Analysis 8015B NM 1 9929 10/20/21 15:05 Leach Di Leach 4.99 g 50 mL 9768 10/18/21 14:26	Type Method Run Factor Amount Amount Number or Analyzed Analyst Prep 5035 4.98 g 5 mL 9911 10/19/21 15:07 KL Analysis 8021B 1 5 mL 5 mL 10084 10/21/21 17:28 MR Analysis Total BTEX 1 10526 10/25/21 18:48 AJ Analysis 8015 NM 1 10003 10/20/21 13:58 AJ Prep 8015NM Prep 10.02 g 10 mL 9952 10/20/21 10:32 AJ Analysis 8015B NM 1 9929 10/20/21 15:05 AJ Leach DI Leach 4.99 g 50 mL 9768 10/18/21 14:26 CA

Client Sample ID: SW-11

Date Collected: 10/13/21 12:10 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-9

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	10082	10/21/21 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10086	10/22/21 13:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9929	10/20/21 15:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 20:39	CH	XEN MID

Client Sample ID: SW-12

Date Collected: 10/13/21 13:00

Date Received: 10/14/21 13:00

Lab Sample ID: 890-1434-10

Matrix: Solid

_	Batch	Batch		Dìl	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5,00 g	5 mL	10082	10/21/21 13:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10086	10/22/21 13:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			9929	10/20/21 15:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10073	10/21/21 09:49	AM	XEN MID
Total/NA	Analysis	8015B NM		1			10053	10/21/21 17:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 20:46	СН	XEN MID

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Client Sample ID: SW-13

Date Collected: 10/13/21 13:05 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	9909	10/19/21 15:01	KL	XEN MID
Total/NA	Analysis	8021B		1	5 m L	5 mL	9941	10/21/21 09:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9929	10/20/21 16:27	AJ	XEN MID
Soluble	Leach	Di Leach			5.04 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 21:07	CH	XEN MID

Client Sample ID: SW-14

Date Collected: 10/13/21 13:10 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-12

Matrix: Solid

-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	9909	10/19/21 15:01	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	9941	10/21/21 09:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	_		9929	10/20/21 16:47	AJ	XEN MID
Solubie	Leach	DI Leach			4.96 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300.0		1			10010	10/21/21 21:15	СН	XEN MID

Client Sample ID: SW-15

Date Collected: 10/13/21 13:50 Date Received: 10/14/21 13:00 Lab Sample ID: 890-1434-13

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5,05 g	5 mL	9909	10/19/21 15:01	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	9941	10/21/21 09:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	9952	10/20/21 10:32	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			9929	10/20/21 17:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	9768	10/18/21 14:26	CA	XEN MID
Soluble	Analysis	300,0		1			10010	10/21/21 21:22	CH	XEN MID

Client Sample ID: SW-16

Received by OCD: 1/10/2022 7:06:31 AM

Date Collected: 10/13/21 13:55

Date Received: 10/14/21 13:00

Lab Sample ID: 890-1434-14

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	9909	10/19/21 15:01	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	9941	10/21/21 10:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			10526	10/25/21 18:48	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10003	10/20/21 13:58	AJ	XEN MID

Received by OCD: 1/10/2022 7:06:31 AM

Released to Imaging: 1/27/2022 7:53:29 AM

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Lab Sample ID: 890-1434-14

Matrix: Solid

Client Sample ID: SW-16

Date Collected: 10/13/21 13:55 Date Received: 10/14/21 13:00

Prep Type Total/NA	Batch Type Prep	Batch Method 8015NM Prep	Run	Dil Factor	Initial Amount 10.02 g	Final Amount 10 ml.	Batch Number 9952	Prepared or Analyzed 10/20/21 10:32	Analyst AJ	Lab XEN MID
Total/NA	Analysis	8015B NM		1			9929	10/20/21 17:27	AJ	XEN MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	4.96 g	50 mL	9768 10010	10/18/21 14:26 10/21/21 21:29	CA CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Carlsbad

10/25/2021

Accreditation/Certification Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

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

uthority	Pr	ogram	Identification Number	Expiration Date
exas	NE	LAP	T104704400-21-22	06-30-22
		(ind by the governing authority. This list ma	v include analytes for v
		t the laboratory is not certain	ied by the governing authority. This list ma	ty mondo analytes for t
the agency does not of	er certification.			ty moduce analyses for t
		Matrix	Analyte	ay mondo analyses to v
the agency does not of	er certification.			ay monde analytes to v

Received by OCD: 1/10/2022 7:06:31 AM

Method Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
3015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAVW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
B015NM Prep	Microextraction	SW846	XEN MID
Di Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Xenco, Carlsbad

10/25/2021

Sample Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1434-1 SDG: Lea County NM

ab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
90-1434-1	S-39	Solid	10/13/21 10:15	10/14/21 13:00	5
90-1434-2	S-40	Solid	10/13/21 10:20	10/14/21 13:00	5
90-1434-3	S-41	Solid	10/13/21 10:25	10/14/21 13:00	3 - 4
90-1434-4	S-42	Solid	10/13/21 11:05	10/14/21 13:00	3
90-1434-5	S-43	Solid	10/13/21 11:10	10/14/21 13:00	1.5 - 2
90-1434-6	S-44	Solid	10/13/21 11:15	10/14/21 13:00	1.5 - 2
90-1434-7	S-45	Solid	10/13/21 12:00	10/14/21 13:00	1.5
90-1434-8	SW-10	Solid	10/13/21 12:05	10/14/21 13:00	5
90-1434-9	SW-11	Solid	10/13/21 12:10	10/14/21 13:00	5
90-1434-10	SW-12	Solid	10/13/21 13:00	10/14/21 13:00	3 - 4
90-1434-11	SW-13	Solid	10/13/21 13:05	10/14/21 13:00	3 - 4
90-1434-12	SW-14	Solid	10/13/21 13:10	10/14/21 13:00	1.5 - 2
90-1434-13	SW-15	Solid	10/13/21 13:50	10/14/21 13:00	1.5 - 2
90-1434-14	SW-16	Solid	10/13/21 13:55	10/14/21 13:00	1.5



9 8 A
=
O)
\supset
(2)

Environment Techniques

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:

	Belinquished by: (Signature)	3			hura)	Described by (Signature)	Paraiva	latilice)	Relinquished by (Signature)	Relinquis
	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 it such losses are due to circumstance beyond the control of Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each; sample submitted to Eurofins Xenco, but not analyzed. These terms will be applied to each project and a charge of \$5 for each; sample submitted to Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each; sample submitted to Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each; sample submitted to Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each; sample submitted to Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each; sample submitted to Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each; sample submitted to Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each; sample submitted to Eurofins Xenco.	Eurofins Xenc expenses inc to Eurofins X	mpany to E / losses or submitted (om client co bility for any ach sample	rchase order from the series of \$5 for early responsions.	itutes a valid pui shall not assum project and a cha	of samples const st of samples and applied to each r	t and relinquishment liable only for the co: arge of \$85,00 will be	of this documer ins Xenco will be b. A minimum of	of service. Euro
/ 245.1 / 7470 / 7471	Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631/245.1	As Ba Be C	Sb As	8RCRA	CLP / SPLP 6010: 8RCRA	ICLP / SI	zed	Circle Method(s) and Metal(s) to be analyzed	d(s) and Me	Circle Metho
Na Sr TI Sn U V Zn	Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 N	В В	Sb As Ba	≥	M Texas 11	8RCRA 13PPM		200.8 / 6020:	.7/6010	Total 200.7 / 6010
			\		3-4' /	1:00		1	SW-12	
The state of the s					5	12:10			SW-11	
The state of the s					Qī.	12:05			SW-10	
					1.5	12:00			S-45	
					1.5-2'	11:15	-		S-44	
					1.5-2'	11:10	_		S-43	
					ယ္သ	11:05			S-42	
,		<u></u>	_	-	3-4"	10:25			S-41	
			/		Q	10:20	/		S-40	
		×	×	Comp 1	5 Cc	10:15	10/13/2021	Soil	S-39	
Sample Comments		TPH Chloric	BTEX	Grab/ # of Comp Cont	Depth Gr	Time Sampled	□ate Sampled	on Matrix	Sample Identification	Samp
NaOH+Ascorbic Acid: SAPC		les			1.2	nperature:	Corrected Temperature		rs:	Total Containers
Zn Acetate+NaOH: Zn						Reading:	Temperature Reading:	Yes No (N/A)	L	Sample Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃	890-1434 Chain of Custody			P	0	ctor:	Correction Factor.	Yes No MA	y Seals:	Cooler Custody Seals:
NaHSO4: NABIS				4-3	3	D. C.	Thermometer iD:	(Yes) No	ived Intact:	Samples Received Intact
H ₃ PO ₄ : HP				nete	Yes No	Wet Ice:	(es) No	Temp Blank:	ECEIPT	SAMPLE RECEIPT
H ₂ SO ₄ : H ₂ NaOH: Na				1	the lab, if received by 4:30pm	the lab, if rec	01	701162,112.01		PO#
HCL: HC HNO3: HN				βy	TAT starts the day received by	TAT starts the		M.Collier	ne:	Sampler's Name
Cool: Cool MeOH: Me				13	10/22/2021	Due Date:	M	Lea County, NM)5.	Project Location:
None: NO Di Water: H ₂ O				Code	Rush	Routine	01	701162.112.01	H.	Project Number
Preservative Codes	ANALYSIS REQUEST				Turn Around	Turn	Red Tank)	Red Tank 4 Fed 1 (Red Tank)	Red	Project Name:
τ □ Other:	<u>pe.com</u> Deliverables: EDD ☐ ADaPT ☐	icarnes@talonlpe.com		nlpe.con	rpons@talonlpe.com	Email.		575.746.8768	575.7	Phone:
T/UST [] TRRP [] Level IV	Reporting: Level II Level III PST/UST TRRP	***************************************		₽	City, State ZIP:		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Artesia, NM 88210		City, State ZIP
	State of Project:				Address:			408 W. Texas Ave.	408 W	Address:
nfields ☐ RRC ☐ Superfund ☐	Program: UST/PST ☐ PRP☐ Brownfields ☐ RRC ☐	i		ame:	Company Name			LPE	e: Talon LPE	Company Name:
omments	Work Order Comments			rent)	Bill to: (if different)			S	er: R.Pons	Project Manager:
² age 1 of 2	www.xenco.com									

Received by OCD: 1/10/2022 7:06:31 AM

10-14-21 1300

8
₩
-
CD
\neg
()
_
_
٠,
-
_
(1)
Ψ,

Project Manager:

R.Pons
Talon LPE

Company Name:

Bill to: (if different) Company Name:

City, State ZIP:

Reporting: Level II 🗌 Level III 🗎 PST/UST 📗 TRRP 📗 🛮 Level IV 🗎

Program: UST/PST ☐ PRP☐ Brownfields ☐ RRC ☐ Superfund ☐

Work Order Comments

Q,

State of Project:

City, State ZIP:

408 W. Texas Ave. Artesia, NM 88210

Ershringen Daun. Kenri

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

Wor	
k Ord	
er N	

Phone: 5	575.746.8768		Email: 1	Email: rpons@talonipe.com , icarnes@talonipe.com	be.com	, icar	nes@	taloni	pe.cor	3 				Deliverables: EDD	ables:	EDD		2	ADaPT 🗆	Ш !	Other	
Project Name:	Red Tank 4 Fed 1 (Red Tank)	(Red Tank)	Turn A	Turn Around							ANALYSIS		REQUEST	EST						P	serva	Preservative Codes
Project Number:	701162.112.01	2.01	√Routine	∏Rush	Pres.														z	None: NO	0	DI Water: H ₂ O
Project Location:	Lea County, NM	NM	Due Date:	10/22/2021															C	Caal: Cool	<u>ŏ</u>	меОн: ме
Sampler's Name:	M.Collier	ייי	TAT starts the	TAT starts the day received by															x	HCL: HC	.,	HNO3: HN
PO #	701162.112.01	2.01	the lab, if recei	the lab, if received by 4:30pm	rs														ェ	H ₂ S0 ₂ : H ₂	ນີ້	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No	nete							_							I	H₃PO₄; HP	ቴ	
Samples Received Intact	ect Yes No	Thermometer ID:	iD:	\	гал											_			z	NaHSO ₄ : NABIS	NAB	S
Cooler Custody Seals:	Yes No N/A	_	cter	ر ر	Pa						·								z	Na ₂ S ₂ O ₃ ; NaSO ₃	NaSC	<u>۔</u>
Sample Custody Seals:			Reading:	U															Z	n Aceta	ate+Na	Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature	nperature:					es											z	aOH+/	Scorbi	NaOH+Ascorbic Acid: SAPC
Sample Identification	fication Matrix	Date Sampled	Time Sampled	Depth Grab/	Cont	втех	TPH	Chlorid												Sa	mple	Sample Comments
SW-13	Soil	10/13/2021	1:05	3-4' Comp	_	×	×	×		_												
SW-14	1 7	J	1:10	1.5-2'	ر	5	\	/_														
SW-15	5		1:50	1.5-2'	^	/	<							_					<u> </u>			
SW-16	6		1:55	1.5'	_	~)	/														
													_ _									
												L.					_					
		-											_		1		_		_			
Total 200,7 / 6010	10 200.8 / 6020:		8RCRA 13PPM	VI Texas 11	Al Sb	Ş	Ba Be	ϖ	Ca Ca	ð	ე გ	Cu Fe	Pb Mg		Mn Mo Ni K	Z	Se A	Ag SiO ₂	Na Na	Sr 1	Sn C	Na Sr TI Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	d Metal(s) to be ana	llyzed	TCLP / SP	CLP / SPLP 6010: 8RCRA So As Ba Be Cd Cr Co Cu Pb Mn	CR.	Sb A	s Ba	Be C	C G	င္ပ	ù Pb		o Z	Mo Ni Se Ag TI U	Ag T	C		ig: 16	31/2	45.1/	7470	Hg: 1631 / 245.1 / 7470 / 7471
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofirs 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 negotians.	ocument and relinquishme will be liable only for the num charge of \$85,00 will	nt of samples const cost of samples and be applied to each p	itules a valid purc shall not assume project and a char	thase order from a any responsibility ge of \$5 for each	client co y for an sample	npany to losses lubmitte	o Eurofi or expe	ns Xend nses ind ofins X	o, its aff urred by	iliates a / the cli t not an	nd subc ent if su alyzed.	ontract ch loss These t	ors, Ita nsared armswi	ssigns ue to cl	standar cumsta orced u	d terms nces be nless p	and co yond th	tors. It assigns standard terms and conditions ses are due to circumstances beyond the control terms will be enforced unless previously negotiated.	ated.			
Relinquished by: (Signature)	(Signature)	Receive	Received by: (Signature)	ıre)		Date	Date/Time		Re	nquis	Relinquished by: (S	y: (Si	ignature)	e)		Recei	ved by	/: (Sig	Received by: (Signature)	اعا		Date/Time

Revised Date: 08/25/2020 Rev. 2020 2

Received by OCD: 1/10/2022 7:06:31 AM

10.14.21 1300

Received by OCD: 1/10/2022 7:06:31 AM 150/280/90 Jan.

Eurofins Xenco, Carlsbad 1089 N Canal St. Carlsbad NM 88220 Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

💸 eurofins | Environment Testing |

	Sampler			1 25 DAG											
Client Information (Sub Contract Lab)	-			Kramer	Kramer Jessica				Carrier	Carrier Tracking No(s)	No(s)		œ C	COC No 890-464 1	
Shipping/Receiving	Phone		į	E-Mail		in l			State	State of Origin	-			Page:	
Company.				Acc	Accreditations Required (See note):	equired (S	ee note):		NOW.	NEW MEXICO			<u> </u>	Fage - GI 2	
Address	Dis Data Remineta			NE NE	NELAP - Texas	as							00	890-1434-1	
1211 W Florida Ave	10/20/2021			 .			Anal	ıalvsis Re	Requested	D 2				Preservation Codes	ies
Midland	TAT Requested (days):	/s)·		# 4 h	-11-4					;		-	1		M Hexane N None
State Zip: TX 79701				kin a	หา รัฐษาเกรา	rPH								C Zn Acetate D Nitric Acid	O ASNAO2 P NA2O4S
Phone. 432-704-5440(Tel)	PO#) Full							<u> </u>		R Na2S2O3 S - H2SO4
Email:	WO#:			ir No)	0.55	(MOD	hiorida						777.11.15.	. = .	T TSP Dodecahydrate U - Acetone
Project Name Red Tank 4 Fed 1 (Red Tank)	Project#:			(Y 68	962-8812A		CH C						ners	K EDTA	V - pH 4-5
Site	SSOW#			pie	EP7.1	IM_S	 _LE/				_				- cerci (abacels)
				Sam	_Calc (- C - 1 - 1 - 1	Other-	
				Matrix Serold	im MS/ 9/6035FP	BTEX_G	OD_Cal						Numbe		
Sample Identification - Client ID (Lab ID)	Sample Date	<u> </u>	G=grab) BT-71s	<i>∄</i> <u>₹</u>	8021	<u>j</u>	4						Tota	Special tr	Special Instructions/Note
S-39 (890-1434-1)	10/13/21	10 16	Pijos apos ifonoviasane	Solid R	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	۲ د	<			- 5960	-4.		×	A formation of the second	
S-40 (B90-1434-2)	10/13/21	10 20	0	Solid	κ ;		< ;			+			24 5		
S-41 (890-1434-3)	10/13/21	10 25	(0)	Solid	×	-	-			+		_			
S-42 (890-1434-4)	10/13/21	11 05 Mountain	(0)	Solid	×	×	×			1		+			
S-43 (890-1434-5)	10/13/21	11 10 Mountain	-	Solid	×	×	×			-		_	20		
S-44 (890-1434-6)	10/13/21	11 15 Mountain	(0	Solid	×	×	×					_	di l		
S-45 (B90-1434-7)	10/13/21	12 00 Mountain	(0)	Solid	×	×	×			+	1		À,		
SW-10 (890-1434-8)	10/13/21	12 05 Mountain		Solid	×	×	×	1							77717777777
SW-11 (890-1434-9)	10/13/21	12 10 Mountain		Solid	×	×	×								
Included in the State of Chains are subject to change. Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently after instinction immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.	olaces the ownership being analyzed the sa e signed Chain of Cus	of method analy imples must be a stody attesting to	/te & accreditation shipped back to the said complicance	compliance u e Eurofins Xe to Eurofins X	pon out subo nco LLC labo lenco LLC,	contract leb oratory or c	oratories Wher instn	This sam	ple shipm be provid	ent is for ed Any	warded u	inder che to accre	in-of-cu	aslody If the labora	story does not currently ought to Eurofins Xenco LLC
Possible Hazard Identification Unconfirmed					Sample Disposal (A	le Disposal (A f		may bu	asses	sed if s	ample	s are n	taine	fee may be assessed if samples are retained longer than 1 month)	1 month)
Deliverable Requested Other (specify)	Primary Deliverable Rank	ble Rank 2			Special Instructions/Q	nstructio	ns/QCF	C Requirements	ents	ents	Ê	-	200	O Datto	MOININS
Empty Kit Relinquished by		Date		Ŧ	Time	-				Method of Shipment:	Shipme	int.			
Police Companied of 18-14-21	Date/Time		Company	pany	Receive	The state of the s		3	0)	Date/Jime-			F	Company
Reliposited tup	Date/Time		Company	pany	\$ P	\$ \ \ \ \	1	ŧ	k		Date/Time	lime.	7	6	Company
	Date/Time		Company	рапу	Recei	Received by					Date/Time	īme			Company
Δ Yes Δ No					Caole	Cooler Temperature(s)	C, (s)am	°C and Other Remarks.	Remarks	22		27	الم	750000000000000000000000000000000000000	

1089 N Canal St Carlsbad NM 88220 Phone: 575-988-3199 Fax. 575-988-3199

Chain of Custody Record

💸 eurofins | Environment Testing |

State of Orden. New Mexico	Client Information (Sub Contract Lab)	J/Receiving	Eurofins Xenco	Address Due Date Requested 1211 W Florida Ave 10/20/2021	City Midland TAT Requested (days):	State Zip. TX 79701	704-5440(Tel)		Project Name Project #: Red Tank 4 Fed 1 (Red Tank) 89000040	Site SSOW#;		Sample Identification - Client ID (Lab ID)		SW-12 (890-1434-10) 10/13/21	SW-13 (890-1434-11) 10/13/21	SW-14 (890-1434-12) 10/13/21	SW-15 (890-1434-13)	SW-16 (890-1434-14) 10/13/21			THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PR	ote Since laboratory accreditations are subject to change, Eurofins Xenco LLO places the ownership	ttention immediately. If all requested accreditations are current to date return the signed Chain of Cus	Possible Hazard Identification Unconfirmed	Deliverable Requested V Other (specify) Primary Deliverable Rank	Empty Kit Relinquished by	reinquished by Co Con 10.14.2		relinquished by Date/Time	Relinquished by Date/Time Date/Time Date/Time
State State State State State State of Organ Page 2 of 2					/5):							Sample	M	13 00 Mountain	13 05 Mountain	13 10 Mountain	13 50 Mountain	13 55 Mountain				pr method at	emples must i stody attestin		abie Rank	Date				
Estable Page											Sample	(C=comp,	Preserva									nafuta & accrea	g to said compl		2					
Controller Reviewed (See note)	Krame E-Mail	jess									Matrix	(Wowater Sesoid Orwaste/oil,	tion Code:	Solid	Solid	Solid	Solid	Solid				lation complia	icance to Eurofi			110000000000000000000000000000000000000	Company	Company	Company	
Required (See note). Page 2 of 2 State of Origin. Page 3 of 2 Superior (See note). State of Origin. Page 2 of 2 Superior (See note). Superior (Lab PM Kramer Jessica E-Mail	ica kram	Accredita NELAP					or No No) ((Ye Sor	impli D (Ye	ered Sa MS/MS)	(etd.Fil	X							-			ns Xenca I ofins Xenca	Sa	8	Time				
Total company Total	sica	ier@ei	ations Re					TEX	OD) B	io (M			الجنوب) LLC.	mple I	ecial i	l	Receiv	Rece	Recei	_
State of Otolin. See note). See note). Analysis Requested Analysis Anal		rofins	as quired			трн	D) Full	p (MO	S _Pn	5NM_			-1-51		-		-				-		ratory o	Dispo	nstruct		èd by		èd by	
State of Ocigin. New Mexico Job# Sept-14/34-1 Preservation Codes Preservation Codes Preservation Codes Preservation Codes Preservation Codes A HOLL Preservation Codes A HOLL None None O Another		et.cor	(See no	Ą						-	_Calc	016MOD				\dashv				\vdash			rother	sal (/	ions/c		$ \ge $	ŀ		
State of Origin. Page 2 of 2		3	ote),				de	Chioric	ACH	וגבום	M_280/	00_ORG		×	×	×	×	×					instruct	fee	C R	.	Z		***************************************	
State of Origin. Page 2 of 2														_						ļ <u> </u>	<u> </u>	-	iw sno:	nay b	quire	Commence	Z	ľ	ĺ	
sted Sted A HCL Preservation Codes A HCL NACH Preservation Codes A HCL NACH A HCL A HCL NACH A HCL NACH A HCL A HCL NACH A HCL A HCL NACH A HCL A HCL NACH A HCL A HCL NACH A HCL A HCL NACH A HCL A HCL NACH A HCL A	Stat	Ne		aue	-					<u></u>			7.74				\dashv		-	-	_		il be pr	⊔e ass	ments	-	\geq	Ì	ŀ	
gin. Page 2 of 2 P	Carrier Tracking No(s) State of Origin.	w Mex		sted												+	1			 	-		yvided	essec	2000	Met	0	K		
Page 2 of 2 Page 2 of 2 Page 2 of 2 Job # Spo_1434-1 Preservation Codes A HCL N None B NAOH C Zn Acetate O AsNAOZ D Nitro Acid P NazSc3 E NaHSOA I H Ascorbic Acid T T-TSP Dodecahyd I H Ascorbic Acid T T-TSP Dodecahyd I Lice K EDTA K EDTA W PH 4-5 COther C COTHER Special Instructions/Note Special Instructions/Note A Company Date/Time Company Company Date/Time Company Company Company Company	Aing No	8 8																					Any ch	if sa	09 110	hod of				
Page 2 of 2 Page	(8)			İ																ļ			anges I	mples	ľ	Shipme	Date/T	Date/T	Date/1	_
Page 2 of 2 Job # Bage 1 of 2 Job # By A HCL A HCL N Nane B NaOH N Nane B NaOH N Nane C Zn Acetare D Nith Acid P Na2SC3 E NaHSO4 G Anchor G Anchor H Ascorbic Acid T TSP Dodecahyd U Acetona K EDTA K EDTA V MCAA K EDTA C Other (specify) Company Special Instructions/Note Archive For Month Company Company Company Company Company Company					\dashv								-7-					-	-	-			lo accre			7	ime	ime.	ime	
age. age 2 of 2 age 2 of 2 age 2 of 2 be a HCL N Hexane NAOH N Nane C Zh Acetalse NaHSOd Nactoric Nachor S H2SOd H Ascorbic Acid T TSP Dodecahyd U Acetone U Acetone V MCAA K EDTA K EDTA V pH 4-5 L EDA Z other (specify) Other Special Instructions/Note Special obe brought to Eurofins Xen ad longer than 1 month) ive For Months Company Company Company	7 0 0	-T1 "	m S		171.1	· · · · · · · · · · · · · · · · · · ·	· · · · · ·				nber of	otal Nu	X.	दश्	37	3		(d)		an a	y c		dilation	etain	5				ŀ	
of 2 Of 2 Ation Codes M Hexane H N None Company M Hexane N None Company M Hexane N Nacoa	COC No 890-464 2 Page.	age. age 2	망# 890-14	resen				- D G 7		Other		_											status	ed lon	200				1	
Codes N Hexane N None O AsNAO2 P NAZSCAS Q NAZSCAS Q NAZSCAS Q NAZSCAS C NA	42	of 2	2	ation	ΙÍ	SO4	파양 A	rater	>														should	ger t						
M Hexane N Nane N Nane N NanaO2 P Na2OGS Q Na2SOG R NA2SOG V Acatione V Acati			i	Codes	\ -							-											be brot	han 1						
etane te ta da 202 ta da 202 to 2048 t				٧,	No He	P Na2 Na2 Na2	T. TSP.	V U A				·	i										ight to	mont			Comp	Comp	Co Co Co Co Co Co Co Co Co Co Co Co Co C	
ity) ahyu					e ane	SO3	\$203 \$203	tone	r (speci			į	9				-						Eurofins	₹	J. Carrier		any	yany	илу	
							hvdrat	er)yu ar	Š			ı	A G										Xenco							

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1434-1

SDG Number: Lea County NM

List Source: Eurofins Xenco, Carlsbad

Login Number: 1434 List Number: 1 Creator: Clifton, Cloe

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

Received by OCD: 1/10/2022 7:06:31 AM

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1434-1

SDG Number: Lea County NM

List Creation: 10/15/21 12:19 PM

List Source: Eurofins Xenco, Midland

Login Number: 1434 List Number: 2

Creator: Kramer, Jessica

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

Eurofins Xenco, Carlsbad

Received by OCD: 1/10/2022 7:06:31 AM



eurofins

Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-1449-1

Laboratory Sample Delivery Group: Lea County NM Client Project/Site: Red Tank 4 Fed 1 (Red Tank)

For:

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

Attn: Rebecca Pong

KRAMER

Authorized for release by: 10/26/2021 3:22:44 PM

Jessica Kramer, Project Manager (432)704-5440 jessica.kramer@eurofinset.com

.....Links

Review your project results through

Total Access

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

Table of Contents

1
2
3
4
5
19
21
26
30
36
37
38
39
43

Released to Imaging: 1/27/2022 7:53:29 AM

Definitions/Glossary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Qualif	~ ~~
Qualii	1612

GC VOA	
Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
N2	RPD of the MS and MSD exceeds the control limits
U	Analyte was not detected at or above the SDL.
GC Semi VC	DA COMPANIE DE LA COM
Qualifier	Qualifier Description
b	The compound was found in the blank and sample
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
U	Analyte was not detected at or above the SDL.
HPLC/IC	
Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.
Glossarv	

Qualifier	Qualifier Description
Ū	Analyte was not detected at or above the SDL.
Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
п	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

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

Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry)

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

Presumptive Quality Control

TNTC Too Numerous To Count

Received by OCD: 1/10/2022 7:06:31 AM

PRES

QC

RER

RPD

RL

Eurofins Xenco, Carlsbad

Released to Imaging: 1/27/2022 7:53:29 AM

Case Narrative

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Job ID: 890-1449-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-1449-1

Receipt

The samples were received on 10/19/2021 12:02 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 1.2°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-10015 and analytical batch 880-10201 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.

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

GC Semi VOA

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

HPLC/IC

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

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Lab Sample ID: 890-1449-1

Matrix: Solid

Client Sample ID: S-46

Date Collected: 10/18/21 09:00 Date Received: 10/19/21 12:02

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL.	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000400	J	0.00199	0.000383	mg/Kg		10/20/21 14:39	10/24/21 06:15	1
Toluene	<0.00199	U	0.00199	0.000453	mg/Kg		10/20/21 14:39	10/24/21 06:15	1
Ethylbenzene	<0.00199	U	0.00199	0,000562	mg/Kg		10/20/21 14:39	10/24/21 06:15	1
m-Xylene & p-Xylene	<0.00398	υ	0.00398	0.00100	mg/Kg		10/20/21 14:39	10/24/21 06:15	1
o-Xylene	0.000687	J	0.00199	0.000342	mg/Kg		10/20/21 14:39	10/24/21 06:15	1
Xylenes, Total	<0.00398	U	0.00398	0.00100	mg/Kg		10/20/21 14:39	10/24/21 06:15	1
Methyl tert-butyl ether	0.00275	J *	0.00994	0,00162	mg/Kg		10/20/21 14:39	10/24/21 06:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130				10/20/21 14:39	10/24/21 06:15	1
4-Bromofluorobenzene (Surr)	90		70 _ 130				10/20/21 14:39	10/24/21 06:15	1
Method: Total BTEX - Total BTE)	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00109	J	0.00398	0.00100	mg/Kg			10/26/21 09:02	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL_	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	19.3	J	50.0	15.0	mg/Kg			10/26/21 08:56	1
Method: 8015B NM - Diesel Rang	ge Organics (DI	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50,0	U	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 15:11	1
Diesel Range Organics (Over	19.3	J b	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 15:11	1
C10-C28) OII Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 _ 130				10/25/21 10:09	10/25/21 15:11	1
o-Terphenyl	115		70 - 130				10/25/21 10:09	10/25/21 15:11	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.03	0.863	ma/Ka			10/25/21 17:12	1

Client Sample ID: S-47

Date Collected: 10/18/21 09:10

Date Received: 10/19/21 12:02

Sample Depth: 2

Received by OCD: 1/10/2022 7:06:31 AM

_ab	Sample	ID:	890-1449-2	
			Matrix: Solid	

Matrix: Solid

Method: 8021B - Volatile Organic Con	npounds ((GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000397	J	0.00199	0,000383	mg/Kg		10/20/21 14:39	10/24/21 06:35	1
Toluene	< 0.00199	U	0.00199	0.000454	mg/Kg		10/20/21 14:39	10/24/21 06:35	1
Ethylbenzene	0.000934	J	0,00199	0.000563	mg/Kg		10/20/21 14:39	10/24/21 06:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00101	mg/Kg		10/20/21 14:39	10/24/21 06:35	1
o-Xylene	0.00140	J	0.00199	0.000343	mg/Kg		10/20/21 14:39	10/24/21 06:35	1
Xvlenes, Total	0.00140	J	0.00398	0.00101	mg/Kg		10/20/21 14:39	10/24/21 06:35	1
Methyl terl-butyl ether	<0.00996	U *	0.00996	0.00162	mg/Kg		10/20/21 14:39	10/24/21 06:35	1

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Lab Sample ID: 890-1449-2

Matrix: Solid

Client Sample ID: S-47

Date Collected: 10/18/21 09:10 Date Received: 10/19/21 12:02

Sample Depth: 2

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,4-Difluorobenzene (Surr)	103	- 11 T, 1111	70 _ 130				10/20/21 14:39	10/24/21 06:35	
4-Bromofluorobenzene (Surr)	95		70 - 130				10/20/21 14:39	10/24/21 06:35	
- Method: Total BTEX - Total BTE)	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.00273	J	0,00398	0.00101	mg/Kg			10/26/21 09:02	
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	46.8	J	49.8	14.9	mg/Kg			10/26/21 08:56	
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	27.4	J	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 15:32	
(GRO)-C6-C10									
Diesel Range Organics (Over C10-C28)	19.4	JЬ	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 15:32	
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 15:32	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	102		70 - 130				10/25/21 10:09	10/25/21 15:32	
o-Terphenyl	106		70 - 130				10/25/21 10:09	10/25/21 15:32	
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Díl Fa
Analyte	Result	Quanner	N-	HIDL	Oille				

Client Sample ID: S-48

Date Collected: 10/18/21 09:20

Date Received: 10/19/21 12:02

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0,000722	J	0.00198	0.000381	mg/Kg		10/20/21 14:39	10/24/21 06:55	1
Toluene	0.00164	J	0.00198	0.000451	mg/Kg		10/20/21 14:39	10/24/21 06:55	1
Ethylbenzene	< 0.00198	U	0.00198	0.000559	mg/Kg		10/20/21 14:39	10/24/21 06:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	0.00100	mg/Kg		10/20/21 14:39	10/24/21 06:55	1
o-Xylene	0.00156	J	0,00198	0.000341	mg/Kg		10/20/21 14:39	10/24/21 06:55	1
Xylenes, Total	0.00156	J	0.00396	0,00100	mg/Kg		10/20/21 14:39	10/24/21 06:55	1
Methyl tert-butyl ether	<0.00990	U *	0.00990	0.00161	mg/Kg		10/20/21 14:39	10/24/21 06:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130				10/20/21 14:39	10/24/21 06:55	
4-Bromofluorobenzene (Surr)	96		70 ₋ 130				10/20/21 14:39	10/24/21 06:55	1
- Method: Total BTEX - Total B1	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00392	J	0.00396	0,00100	mg/Kg			10/26/21 09:02	1

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-1449-3

Matrix: Solid

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Matrix: Solid

Lab Sample ID: 890-1449-3

10/25/21 17:26

Lab Sample ID: 890-1449-4

Matrix: Solid

Client Sample ID: S-48

Date Collected: 10/18/21 09:20

Date Received: 10/19/21 12:02

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	41.7	J	50.0	15.0	mg/Kg			10/26/21 08:56	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifler	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	23.3	J	50,0	15.0	mg/Kg		10/25/21 10:09	10/25/21 15:52	1
(GRO)-C6-C10									
Diesel Range Organics (Over	18.4	JЬ	50,0	15.0	mg/Kg		10/25/21 10:09	10/ 2 5/21 15:52	1
C10-C28)									
Oli Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/25/21 10:09	10/25/21 15:52	

o-Terphenyl	97	70 - 130			10/25/21 10:09	10/25/21 15:52	1
Method: 300.0 - Anions, Ion Chromatog	raphy - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac

5.01

0,860 mg/Kg

5.41

Client Sample ID: S-49

Date Collected: 10/18/21 10:10

Date Received: 10/19/21 12:02

Sample Depth: 3

1-Chlorooctane

Chloride

Analyte	Result	Qualifler	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0,00199	U	0.00199	0,000383	mg/Kg		10/20/21 14:39	10/24/21 07:16	1
Toluene	<0.00199	U	0.00199	0.000454	mg/Kg		10/20/21 14:39	10/24/21 07:16	1
Ethylbenzene	<0.00199	U	0.00199	0.000563	mg/Kg		10/20/21 14:39	10/24/21 07:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0,00101	mg/Kg		10/20/21 14:39	10/24/21 07:16	1
o-Xylene	0.000615	J	0.00199	0.000343	mg/Kg		10/20/21 14:39	10/24/21 07:16	1
Xylenes, Total	<0.00398	U	0.00398	0.00101	mg/Kg		10/20/21 14:39	10/24/21 07:16	1
Methyl tert-butyl ether	0.00623	J*	0.00996	0.00162	mg/Kg		10/20/21 14:39	10/24/21 07:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	85	America artic	70 - 130				10/20/21 14:39	10/24/21 07:16	1
4-Bromofluorobenzene (Surr)	96		70 - 130				10/20/21 14:39	10/24/21 07:16	1

	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00398	U	0.00398	0.00101	mg/Kg	 		10/26/21 09:02	1
- [
	Method: 8015 NM - Diesel Range O	rganics (DR	O) (GC)							

	Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
	Total TPH	64.7		49,8	14.9	mg/Kg			10/26/21 08:56	1
Γ		O	BO) (CC)							

Method: 8015B NM - Diesel Range	Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	46.8	J	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 16:12	1
(GRO)-C6-C10 Diesel Range Organics (Over	17.9	JЬ	49.8	14.9	mg/Kg		10/25/21 1 0 :09	10/25/21 16:12	1
C10-C28) Oll Range Organics (Over C28-C36)	<49.8	U	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 16:12	1

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Client Sample ID: S-49

Date Collected: 10/18/21 10:10 Date Received: 10/19/21 12:02

Lab Sample ID: 890-1449-4

Lab Sample ID: 890-1449-5

Matrix: Solid

Matrix: Solid

Sample Depth: 3

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97	70 - 130	10/25/21 10:09	10/25/21 16:12	1
o-Terphenyl	102	70 - 130	10/25/21 10:09	10/25/21 16:12	1
_					

Method: 300.0 - Anions, Ion Chrom	atography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	234		4.95	0.850	mg/Kg			10/25/21 17:33	1

Client Sample ID: S-50

Date Collected: 10/18/21 10:20

Method: 8021B - Volatile Organic Compounds (GC)

Date Received: 10/19/21 12:02
Sample Depth: 3

Analyte	-	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.000932	J	0.00200	0,000385	mg/Kg		10/20/21 14:39	10/24/21 07:36	
Toluene	0.000719	J	0.00200	0.000456	mg/Kg		10/20/21 14:39	10/24/21 07:36	
Ethylbenzene	<0.00200	Ü	0.00200	0.000565	mg/Kg		10/20/21 14:39	10/24/21 07:36	
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 14:39	10/24/21 07:36	
o-Xylene	<0.00200	U	0,00200	0.000344	mg/Kg		10/20/21 14:39	10/24/21 07:36	
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 14:39	10/24/21 07:36	,
Methyl tert-butyl ether	0.00292	1*	0.0100	0,00163	mg/Kg		10/20/21 14:39	10/24/21 07:36	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,4-Difluorobenzene (Surr)	102		70 - 130				10/20/21 14:39	10/24/21 07:36	
4-Bromofluorobenzene (Surr)	97		70 - 130				10/20/21 14:39	10/24/21 07:36	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total BTEX	0.00165	J	0.00400	0,00101	mg/Kg			10/26/21 09:02	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.6		50.0	15.0	mg/Kg		20,0,10	10/26/21 08:56	1
Method: 8015B NM - Diesel Ran	ge Organics (Di	RO) (GC)							
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	35.9	J	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 16:33	1
Diesel Range Organics (Over C10-C28)	17.7	J b	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 16:3 3	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				10/25/21 10:09	10/25/21 16:33	1
o-Terphenyl	92		70 - 130				10/25/21 10:09	10/25/21 16:33	1
Method: 300.0 - Anions, fon Chr	omatography -	Soluble							
Method: 300.0 - Anions, Ion Chro Analyte		Soluble Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Lab Sample ID: 890-1449-7

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Lab Sample ID: 890-1449-6

Matrix: Solid

Job ID: 890-1449-1

SDG: Lea County NM

Client Sample ID: S-51

Date Collected: 10/18/21 10:30 Date Received: 10/19/21 12:02

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0,00201	0.000387	mg/Kg		10/20/21 14:39	10/24/21 07:57	1
Toluene	< 0.00201	U	0.00201	0.000458	mg/Kg		10/20/21 14:39	10/24/21 07:57	1
Ethylbenzene	<0.00201	U	0.00201	0,000567	mg/Kg		10/20/21 14:39	10/24/21 07:57	1
m-Xylene & p-Xylene	< 0.00402	U	0.00402	0.00101	mg/Kg		10/20/21 14:39	10/24/21 07:57	1
o-Xylene	0.000446	J	0.00201	0.000345	mg/Kg		10/20/21 14:39	10/24/21 07:57	1
Xylenes, Total	<0.00402	U	0.00402	0.00101	mg/Kg		10/20/21 14:39	10/24/21 07:57	1
Methyl tert-butyl ether	<0.0100	U *	0.0100	0.00164	mg/Kg		10/20/21 14:39	10/24/21 07:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105		70 - 130				10/20/21 14:39	10/24/21 07:57	1
4-Bromofluorobenzene (Surr)	96		70 - 130				10/20/21 14:39	10/24/21 07:57	1
Method: Total BTEX - Total BTE.	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	0.00101	mg/Kg			10/26/21 09:02	1
Method: 8015 NM - Diesel Range	organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.3		49.9	15.0	mg/Kg			10/26/21 08:56	1
Method: 8015B NM - Diesel Ran	ge Organics (DI	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	34.1	J	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 16:53	1
Diesel Range Organics (Over	17.2	J b	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 16:53	1
C10-C28) Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 _ 130				10/25/21 10:09	10/25/21 16:53	1
o-Terphenyl	93		70 - 130				10/25/21 10:09	10/25/21 16:53	1
Method: 300.0 - Anions, Ion Chr	omatography - :	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	187		4.99	0.057	mg/Kg			10/25/21 18:00	1

Client Sample ID: S-52

Date Collected: 10/18/21 13:30

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Comp	ounds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000384	mg/Kg		10/20/21 14:39	10/24/21 08:17	1
Toluene	<0.00200	U	0,00200	0.000455	mg/Kg		10/20/21 14:39	10/24/21 08:17	1
Ethylbenzene	<0.00200	U	0.00200	0.000564	mg/Kg		10/20/21 14:39	10/24/21 08:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	0.00101	mg/Kg		10/20/21 14:39	10/24/21 08:17	1
o-Xylene	<0.00200	U	0.00200	0.000343	mg/Kg		10/20/21 14:39	10/24/21 08:17	1
Xylenes, Total	<0.00399	υ	0,00399	0.00101	mg/Kg		10/20/21 14:39	10/24/21 08:17	1
Methyl tert-butyl ether	<0.00998	U *	0.00998	0.00163	mg/Kg		10/20/21 14:39	10/24/21 08:17	1

Eurofins Xenco, Carlsbad

Released to Imaging: 1/27/2022 7:53:29 AM

Matrix: Solid

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Matrix: Solid

Lab Sample ID: 890-1449-7

Client Sample ID: S-52

Date Collected: 10/18/21 13:30 Date Received: 10/19/21 12:02

12:02

Sample Depth: 2

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
1,4-Difluorobenzene (Surr)	102		70 - 130				10/20/21 14:39	10/24/21 08:17	
4-Bromofluorobenzene (Surr)	98		70 - 130				10/20/21 14:39	10/24/21 08:17	
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	Ū	0.00399	0.00101	mg/Kg			10/26/21 09:02	
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	49.6	J	49.9	15.0	mg/Kg			10/26/21 08:56	
Method: 8015B NM - Diesel Rang	e Organics (DI	RO) (GC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	31.5	J	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 17:13	
(GRO)-C6-C10			40.0	45.0	m = IV m		10/25/21 10:09	10/25/21 17:13	
Diesel Range Organics (Over	18.1	Jb	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 17.15	
C10-C28) OII Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 17:13	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	92	Pro-	70 - 130				10/25/21 10:09	10/25/21 17:13	
o-Terphenyl	91		70 - 130				10/25/21 10:09	10/25/21 17:13	
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
	227		4.97		mg/Kg			10/25/21 18:07	

Client Sample ID: S-53

Date Collected: 10/18/21 13:40

Date Received: 10/19/21 12:02

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000817	J	0.00200	0.000386	mg/Kg		10/20/21 14:39	10/24/21 08:37	1
Toluene	<0.00200	U	0.00200	0.000457	mg/Kg		10/20/21 14:39	10/24/21 08:37	1
Ethylbenzene	<0.00200	U	0.00200	0.000566	mg/Kg		10/20/21 14:39	10/24/21 08:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	0.00101	mg/Kg		10/20/21 14:39	10/24/21 08:37	1
o-Xylene	<0.00200	U	0.00200	0.000345	mg/Kg		10/20/21 14:39	10/24/21 08:37	1
Xylenes, Total	<0.00401	U	0.00401	0.00101	mg/Kg		10/20/21 14:39	10/24/21 08:37	1
Methyl tert-butyl ether	<0.0100	U *	0.0100	0.00163	mg/Kg		10/20/21 14:39	10/24/21 08:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130				10/20/21 14:39	10/24/21 08:37	1
4-Bromofluorobenzene (Surr)	95		70 - 130				10/20/21 14:39	10/24/21 08:37	1
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	0.00101	mg/Kg			10/26/21 09:02	1

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-1449-8

Matrix: Solid

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Matrix: Solid

Lab Sample ID: 890-1449-8

10/25/21 18:14

Lab Sample ID: 890-1449-9

Analyzed

10/24/21 08:58

10/24/21 08:58

10/24/21 08:58

Matrix: Solid

Dil Fac

1

1

Client Sample ID: S-53

Date Collected: 10/18/21 13:40 Date Received: 10/19/21 12:02

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	36.1	Ĵ	49.9	15.0	mg/Kg			10/26/21 08:56	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19.9	J	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 17:56	1
Diesel Range Organics (Over C10-C28)	16.2	J b	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 17:56	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/25/21 10:09	10/25/21 17:56	1
o-Terphenyl	92		70 - 130				10/25/21 10:09	10/25/21 17:56	1
Method: 300.0 - Anions, lon Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

5,05

RL

0.00202

0.00202

0.00202

181

Result Qualifier

<0.00202 U

0.000787 J

0.000874 J

0.867 mg/Kg

MDL Unit

0.000388 mg/Kg

0.000460 mg/Kg

0.000570 mg/Kg

D

Prepared

10/20/21 14:39

10/20/21 14:39

10/20/21 14:39

Client Sample ID: S-54

Date Collected: 10/18/21 13:50

Date Received: 10/19/21 12:02

Method: 8021B - Volatile Organic Compounds (GC)

Sample Depth: 2

Chloride

Analyte

Benzene

Toluene

Ethylbenzene

Ctilàineuseue	0.000017	•							
m-Xylene & p-Xylene	< 0.00403	U	0.00403	0.00102	mg/Kg		10/20/21 14:39	10/24/21 08:58	1
o-Xylene	0.00139	J	0.00202	0.000347	mg/Kg		10/20/21 14:39	10/24/21 08:58	1
Xylenes, Total	0.00139	J	0.00403	0.00102	mg/Kg		10/20/21 14:39	10/24/21 08:58	1
Methyl tert-butyl ether	<0.0101	U *	0.0101	0.00164	mg/Kg		10/20/21 14:39	10/24/21 08:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	86		70 - 130				10/20/21 14:39	10/24/21 08:58	1
4-Bromofluorobenzene (Surr)	116		70 - 130				10/20/21 14:39	10/24/21 08:58	1
Method: Total BTEX - Total BTE)	Calculation								
Analyte		Qualifier	R L	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00305	J	0.00403	0,00102	mg/Kg			10/26/21 09:02	1
Method: 8015 NM - Dìesel Range	Organics (DR	O) (GC)							
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.6		49.9	15.0	mg/Kg			10/26/21 08:56	1
Method: 8015B NM - Diesel Rang	ie Organics (Di	RO) (GC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	34.2	J	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:16	1
							10/25/21 10:09	10/25/21 18:16	1
Diesel Range Organics (Over	17.4	J b	49.9	15.0	mg/Kg		10/25/21 10:00	10/20/27 10:10	
\ = /	17.4	J b	49.9 4 9.9		mg/Kg mg/Kg		10/25/21 10:09	10/25/21 18:16	

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Lab Sample ID: 890-1449-9

Lab Sample ID: 890-1449-10

Analyzed

10/24/21 09:18

Prepared

10/20/21 14:39

Matrix: Solid

Matrix: Solid

Dil Fac

Client Sample ID: S-54

Date Collected: 10/18/21 13:50 Date Received: 10/19/21 12:02

Sample Depth: 2

Surrogate 1-Chlorooctane o-Terphenyl	%Recovery Qualifier 98 98	Limits 70 - 130 70 - 130				Prepared 10/25/21 10:09 10/25/21 10:09	Analyzed 10/25/21 18:16 10/25/21 18:16	DII Fac 1
Method: 300.0 - Anions, Ion Analyte	Chromatography - Soluble Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235	5,00	0.858	mg/Kg			10/25/21 18:21	1

RL

0.00199

Result Qualifier

0.000393 J

MDL Unit

0.000383 mg/Kg

Client Sample ID: S-55

Date Collected: 10/18/21 13:55

Date Received: 10/19/21 12:02

Method: 8021B - Volatile Organic Compounds (GC)

Sample Depth: 2

Analyte

Benzene

Delizelle	0.000000	U							
Toluene	<0. 0 0199	U	0.00199	0.000453	mg/Kg		10/20/21 14:39	10/24/21 09:18	1
Ethylbenzene	< 0.00199	U	0.00199	0.000562	mg/Kg		10/20/21 14:39	10/24/21 09:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00100	mg/Kg		10/20/21 14:39	10/24/21 09:18	1
o-Xylene	<0.00199	U	0.00199	0.000342	mg/Kg		10/20/21 14:39	10/24/21 09:18	1
Xylenes, Total	<0.00398	U	0.00398	0.00100	mg/Kg		10/20/21 14:39	10/24/21 09:18	1
Methyl tert-butyl ether	<0.00994	U *	0.00994	0.00162	mg/Kg		10/20/21 14:39	10/24/21 09:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130				10/20/21 14:39	10/24/21 09:18	1
4-Bromofluorobenzene (Surr)	97		70 - 130				10/20/21 14:39	10/24/21 09:18	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	0,00100	mg/Kg			10/26/21 09:02	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.2		50.1	15.0	mg/Kg			10/26/21 08:56	1
Method: 8015B NM - Diesel Rang	ge Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	44.7	J	50,1	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:37	1
Diesel Range Organics (Over C10-C28)	17.5	JЬ	50.1	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:37	1
Oll Range Organics (Over C28-C36)	<50.1	U	50.1	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
							10/25/21 10:09	10/25/21 18:37	1
	101		70 ₋ 130						
1-Chlorooctane o-Terphenyl			70 ₋ 130 70 ₋ 130				10/25/21 10:09	10/25/21 18:37	1
1-Chlorooctane	101 109	Soluble					10/25/21 10:09	10/25/21 18:37	1
1-Chlorooctane o-Terphenyl	101 109 omatography -	Soluble Qualifier		MDL	Unit	b	10/25/21 10:09 Prepared	10/25/21 18:37 Analyzed 10/25/21 18:28	Dil Fac

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Client Sample ID: SW-17

Date Collected: 10/18/21 11:00 Date Received: 10/19/21 12:02

Sample Depth: 2

Lab Sample ID: 890-1449-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL.	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		10/20/21 14:39	10/24/21 11:07	1
Toluene	0.000719	J	0,00199	0.000454	mg/Kg		10/20/21 1 4 :39	10/24/21 11:07	1
Ethylbenzene	<0,00199	U	0.00199	0.000563	mg/Kg		10/20/21 14:39	10/24/21 11:07	1
m-Xylene & p-Xylene	0.00102	J	0.00398	0.00101	mg/Kg		10/20/21 14:39	10/24/21 11:07	1
o-Xylene	0.000841	J	0.00199	0.000343	mg/Kg		10/20/21 14:39	10/24/21 11:07	1
Xylenes, Total	0.00186	J	0.00398	0.00101	mg/Kg		10/20/21 14:39	10/24/21 11:07	1
Methyl tert-butyl ether	<0.00996	U *	0.00996	0.00162	mg/Kg		10/20/21 14:39	10/24/21 11:07	1
Surrogate	%Recovery	Qualifier	Limíts				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104	5,	70 - 130				10/20/21 14:39	10/24/21 11:07	1
4-Bromofluorobenzene (Surr)	95		70 - 130				10/20/21 14:39	10/24/21 11:07	1
- Method: Total BTEX - Total BTE)	K Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00258	J	0.00398	0.00101	mg/Kg			10/26/21 09:02	1
· Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	48. 4	J	49.9	15.0	mg/Kg			10/26/21 08:56	1
Method: 8015B NM - Diesel Rang									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	31.1	J	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:57	1
Diesel Range Organics (Over C10-C28)	17.3	J b	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:57	1
Oll Range Organics (Over C28-C36)	<49,9	U	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/25/21 10:09	10/25/21 18:57	1
o-Terphenyl	96		70 - 130				10/25/21 10:09	10/25/21 18:57	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
						_			D11 E
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: SW-18

Date Collected: 10/18/21 11:10

Date Received: 10/19/21 12:02

Sample Depth: 2

Lab Sample ID: 890-1449-12

Matrix: Solid

Method: 8021B - Volatile Org	anic Compounds (G	GC)							
Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	0,000381	mg/Kg		10/20/21 14:39	10/24/21 11:27	1
Toluene	0.000535	J	0.00198	0.000451	mg/Kg		10/20/21 14:39	10/24/21 11:27	1
Ethylbenzene	0.000672	J	0.00198	0.000559	mg/Kg		10/20/21 14:39	10/24/21 11:27	1
m-Xylene & p-Xylene	<0,00396	U	0,00396	0.00100	mg/Kg		10/20/21 14:39	10/24/21 11:27	1
o-Xylene	<0.00198	U	0.00198	0.000341	mg/Kg		10/20/21 14:39	10/24/21 11:27	1
Xylenes, Total	<0.00396 I	U	0.00396	0.00100	mg/Kg		10/20/21 14:39	10/24/21 11:27	1
Methyl tert-butyl ether	0.00265	J *	0.00990	0.00161	mg/Kg		10/20/21 14:39	10/24/21 11:27	1

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Lab Sample ID: 890-1449-12

Lab Sample ID: 890-1449-13

Matrix: Solid

Matrix: Solid

Client Sample ID: SW-18

Date Collected: 10/18/21 11:10 Date Received: 10/19/21 12:02

Sample Depth: 2

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,4-Difluorobenzene (Surr)	104		70 _ 130				10/20/21 14:39	10/24/21 11:27	
4-Bromofluorobenzene (Surr)	94		70 - 130				10/20/21 14:39	10/24/21 11:27	
Method: Total BTEX - Total BTE)	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.00121	J	0,00396	0.00100	mg/Kg			10/26/21 09:02	
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	60.7	478	50.0	15.0	mg/Kg			10/26/21 08:56	
Method: 8015B NM - Diesel Rang	re Organics (Di	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	43.2	J	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:17	
(GRO)-C6-C10									
Diesel Range Organics (Over	17.5	J b	50,0	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:17	
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50,0	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:17	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Díl Fa
1-Chlorooctane	94		70 - 130				10/25/21 10:09	10/25/21 19:17	
o-Terphenyl	101		70 - 130				10/25/21 10:09	10/25/21 19:17	
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	R∟	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	181		4.99	0.857	mg/Kg			10/25/21 18:55	

Client Sample ID: SW-19

Date Collected: 10/18/21 11:20

Date Received: 10/19/21 12:02

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000765	J	0.00201	0.000387	mg/Kg		10/20/21 14:39	10/24/21 11:48	1
Toluene	0.000534	J	0.00201	0.000459	mg/Kg		10/20/21 14:39	10/24/21 11:48	1
Ethylbenzene	<0.00201	U	0.00201	0.000568	mg/Kg		10/20/21 14:39	10/24/21 11:48	1
m-Xylene & p-Xyłene	<0.00402	U	0.00402	0.00102	mg/Kg		10/20/21 14:39	10/24/21 11:48	1
o-Xylene	<0.00201	U	0.00201	0.000346	mg/Kg		10/20/21 14:39	10/24/21 11:48	1
Xylenes, Total	<0,00402	U	0.00402	0,00102	mg/Kg		10/20/21 14:39	10/24/21 11:48	1
Methyl tert-butyl ether	<0.0101	U *	0.0101	0.00164	mg/Kg		10/20/21 14:39	10/24/21 11:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130				10/20/21 14:39	10/24/21 11:48	1
4-Bromofluorobenzene (Surr)	103		70 - 130				10/20/21 14:39	10/24/21 11:48	1
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00130		0.00402	0.00102	mg/Kg			10/26/21 09:02	1

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Lab Sample ID: 890-1449-13

Lab Sample ID: 890-1449-14

Analyzed

10/24/21 12:08

Prepared 10/20/21 14:39 Matrix: Solid

Dil Fac

Client Sample ID: SW-19

Date Collected: 10/18/21 11:20 Date Received: 10/19/21 12:02

Matrix: Solid

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.1		49,8	14.9	mg/Kg			10/26/21 08:56	1
Method: 8015B NM - Diesel Rang	je Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	34.8	J	49,8	14.9	mg/Kg		10/25/21 10:09	10/25/21 19:37	1
Diesel Range Organics (Over C10-C28)	18.3	Jb	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 19:37	1
Oll Range Organics (Over C28-C36)	<49.8	υ	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 19:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/25/21 10:09	10/25/21 19:37	1
o-Terphenyl	100		70 - 130				10/25/21 10:09	10/25/21 19:37	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		4.96	0.851	mg/Kg			10/25/21 19:16	1

Client Sample ID: SW-20

Date Collected: 10/18/21 12:00

Date Received: 10/19/21 12:02

Method: 8021B - Volatile Organic Compounds (GC)

Result Qualifier

0.000397 J

Sample Depth: 2 - 3

Benzene

benzene	0.000001	J	0,0020.	•,					
Toluene	<0,00201	U	0.00201	0.000459	mg/Kg		10/20/21 14:39	10/24/21 12:08	1
Ethylbenzene	0.00134	J	0.00201	0.000568	mg/Kg		10/20/21 14:39	10/24/21 12:08	1
m-Xylene & p-Xylene	0.00151	J	0.00402	0.00102	mg/Kg		10/20/21 14:39	10/24/21 12:08	1
o-Xylene	<0.00201	U	0.00201	0.000346	mg/Kg		10/20/21 14:39	10/24/21 12:08	1
Xylenes, Total	0.00151	J	0,00402	0.00102	mg/Kg		10/20/21 14:39	10/24/21 12:08	1
Methyl tert-butyl ether	<0.0101	U *	0.0101	0.00164	mg/Kg		10/20/21 14:39	10/24/21 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130				10/20/21 14:39	10/24/21 12:08	1
4-Bromofluorobenzene (Surr)	97		70 - 130				10/20/21 14:39	10/24/21 12:08	1
- Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	<u>P</u>	Prepared	Analyzed	Dil Fac
Total BTEX	0.00325	J	0,00402	0.00102	mg/Kg			10/26/21 09:02	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	41.4	J	49.9	15.0	mg/Kg			10/26/21 08:56	1
- Method: 8015B NM - Diesel Rang	ge Organics (Di	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24.1	J	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:57	1
Diesel Range Organics (Over C10-C28)	17.3	JЬ	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:57	1
Oll Range Organics (Over C28-C36)	<49.9	υ	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:57	1

RL

0.00201

MDL Unit

0.000387 mg/Kg

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Client Sample ID: SW-20

Date Collected: 10/18/21 12:00 Date Received: 10/19/21 12:02

Sample Depth: 2 - 3

Lab Sample ID: 890-1449-14

Lab Sample ID: 890-1449-15

Matrix: Solid

Matrix: Solid

Surrogate	%Recovery Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91	70 - 130				10/25/21 10:09	10/25/21 19:57	1
o-Terphenyl	92	70 - 130				10/25/21 10:09	10/25/21 19:57	1
 Method: 300.0 - Anions, lo	n Chromatography - Soluble							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	221	5.04	0.865	mg/Kg			10/25/21 19:23	1

Client Sample ID: SW-21

Date Collected: 10/18/21 12:10

Date Received: 10/19/21 12:02

Method: 8021B - Volatile Organic Compounds (GC)

Sample Depth: 2

Wethod; 8021B - Volatile Organi	•		RL	MAIDI	Unit	D	Prepared	Analyzed	Dil Fac
Analyte		Qualifier				=		10/24/21 12:28	1
Benzene	0.000801		0.00202	0.000389	mg/Kg		10/20/21 14:39		•
Toluene	0.000611		0,00202	0.000461	mg/Kg		10/20/21 14:39	10/24/21 12:28	1
Ethylbenzene	<0.00202		0.00202	0.000571	mg/Kg		10/20/21 14:39	10/24/21 12:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	0.00102			10/20/21 14:39	10/24/21 12:28	1
o-Xylene	<0.00202	U	0.00202	0.000347	mg/Kg		10/20/21 14:39	10/24/21 12:28	1
Xylenes, Total	<0.00404	U	0.00404	0.00102	mg/Kg		10/20/21 14:39	10/24/21 12:28	1
Methyl tert-butyl ether	<0.0101	U *	0.0101	0.00165	mg/Kg		10/20/21 14:39	10/24/21 12:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	106		70 - 130				10/20/21 14:39	10/24/21 12:28	1
4-Bromofluorobenzene (Surr)	99		70 - 130				10/20/21 14:39	10/24/21 12:28	1
- Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00141	J	0.00404	0.00102	mg/Kg			10/26/21 09:02	1
Method: 8015 NM - Diesel Range Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	42.2	J	49.9	15,0	mg/Kg			10/26/21 08:56	1
- Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24.5	J	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 20:17	1
Diesel Range Organics (Over	17.7	J b	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 20:17	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49,9	15.0	mg/Kg		10/25/21 10:09	10/25/21 20:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/25/21 10:09	10/25/21 20:17	1
o-Terphenyl	99		70 - 130				10/25/21 10:09	10/25/21 20:17	1
- Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181		4,97	0.853	mg/Kg			10/25/21 19:30	1

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Client Sample ID: SW-22

Date Collected: 10/18/21 13:10 Date Received: 10/19/21 12:02

Sample Depth: 2

Lab Sample ID: 890-1449-16

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Berizene	<0.00200	U	0,00200	0.000386	mg/Kg		10/20/21 14:39	10/24/21 12:49	•
Toluene	< 0.00200	U	0.00200	0.000457	mg/Kg		10/20/21 14:39	10/24/21 12:49	•
Ethylbenzene	<0.00200	U	0.00200	0.000566	mg/Kg		10/20/21 14:39	10/24/21 12:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	0.00101	mg/Kg		10/20/21 14:39	10/24/21 12:49	1
o-Xylene	0.000556	J	0.00200	0.000345	mg/Kg		10/20/21 14:39	10/24/21 12:49	1
Xylenes, Total	<0.00401	U	0.00401	0,00101	mg/Kg		10/20/21 14:39	10/24/21 12:49	1
Methyl tert-butyl ether	0,00176	J*	0.0100	0.00163	mg/Kg		10/20/21 14:39	10/24/21 12:49	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Diffuorobenzene (Surr)	102		70 - 130				10/20/21 14:39	10/24/21 12:49	1
4-Bromofluorobenzene (Surr)	88		70 - 130				10/20/21 14:39	10/24/21 12:49	1
· Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0,00401	0.00101	mg/Kg			10/26/21 09:02	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	60.7		49.9	15.0	mg/Kg			10/26/21 08:56	1
Method: 8015B NM - Diesel Rang	e Organics (DI	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	43.6	Ĵ	49,9	15.0	mg/Kg		10/25/21 10:09	10/25/21 20:38	1
Diesel Range Organics (Over C10-C28)	17.1	JЬ	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 20:38	1
Olf Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/25/21 10:09	10/25/21 20:38	1
o-Terphenyl	100		70 - 130				10/25/21 10:09	10/25/21 20:38	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	186		5.04	0.865	malKa	-		10/25/21 19:37	1

Client Sample ID: SW-23

Date Collected: 10/18/21 13:20

Date Received: 10/19/21 12:02

Sample Depth: 2 - 3

Received by OCD: 1/10/2022 7:06:31 AM

Method: 8021B - Volatile Organic Compounds (GC)											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Benzene	0.000468	J	0.00200	0.000384	mg/Kg		10/20/21 14:39	10/24/21 13:09	1		
Toluene	0.000462	J	0.00200	0.000455	mg/Kg		10/20/21 14:39	10/24/21 13:09	1		
Ethylbenzene	<0,00200	U	0.00200	0.000564	mg/Kg		10/20/21 14:39	10/24/21 13:09	1		
m-Xylene & p-Xylene	<0.00399	U	0.00399	0.00101	mg/Kg		10/20/21 14:39	10/24/21 13:09	1		
o-Xylene	0.000510	J	0,00200	0.000343	mg/Kg		10/20/21 14:39	10/24/21 13:09	1		
Xylenes, Total	<0.00399	U	0.00399	0.00101	mg/Kg		10/20/21 14:39	10/24/21 13:09	1		
Methyl tert-butyl ether	<0.00998	U *	0,00998	0.00163	mg/Kg		10/20/21 14:39	10/24/21 13:09	1		

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-1449-17

Matrix: Solid

Received by OCD: 1/10/2022 7:06:31 AM

Client Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Lab Sample ID: 890-1449-17

Matrix: Solid

Client Sample ID: SW-23

Date Collected: 10/18/21 13:20 Date Received: 10/19/21 12:02

Sample Depth: 2 - 3

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,4-Difluorobenzene (Surr)	99		70 - 130				10/20/21 14:39	10/24/21 13:09	
4-Bromofluorobenzene (Surr)	97		70 - 130				10/20/21 14:39	10/24/21 13:09	
Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	Đ	Prepared	Analyzed	Dil Fa
Total BTEX	0.00144	J	0.00399	0.00101	mg/Kg			10/26/21 09:02	
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	55.7		49.8	14.9	mg/Kg			10/26/21 08:56	
Method: 8015B NM - Diesel Rang	e Organics (D)	RO) (GC)							
Analyte	, ,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	38.0	J	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 20:58	
5 5	38.0	J							
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	38.0 17.7		49.8 49.8		mg/Kg mg/Kg		10/25/21 10:09	10/25/21 20:58 10/25/21 20:58	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)		Jb		14,9					
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	17.7	ΠP	49.8	14,9	mg/Kg		10/25/21 10:09	10/25/21 20:58	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	17.7 <49.8	ΠP	49.8 49.8	14,9	mg/Kg		10/25/21 10:09 10/25/21 10:09	10/25/21 20:58 10/25/21 20:58	Dil Fa
(GRO)-C6-C10 Diesel Range Organics (Over	17.7 <49.8 %Recovery	ΠP	49.8 49.8 <i>Limits</i>	14,9	mg/Kg		10/25/21 10:09 10/25/21 10:09 Prepared	10/25/21 20:58 10/25/21 20:58 Analyzed	Dil Fa
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	17.7 <49.8 <u>%Recovery</u> 96 101	J b U Qualifier	49.8 49.8 Limits 70 - 130	14,9	mg/Kg		10/25/21 10:09 10/25/21 10:09 Prepared 10/25/21 10:09	10/25/21 20:58 10/25/21 20:58 Analyzed 10/25/21 20:58	Dil Fa
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	17.7 <49.8 <u>%Recovery</u> 96 101 smatography -	J b U Qualifier	49.8 49.8 Limits 70 - 130	14,9	mg/Kg mg/Kg		10/25/21 10:09 10/25/21 10:09 Prepared 10/25/21 10:09	10/25/21 20:58 10/25/21 20:58 Analyzed 10/25/21 20:58	Dil Fa

Surrogate Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		DFBZ1	BFB1	Percent Surrogate Recovery (Acceptance Limits
	CII t D ID	(70-130)	(70-130)	
ab Sample ID	Client Sample ID S-46	103	90	
0-1449-1				
90-1449-1 MS	S-46	102	96	
90-1449-1 MSD	S-46	99	93	
90-1449-2	S-47	103	95	
90-1449-3	S-48	103	96	
10-1449-4	S-49	85	96	
00-1449-5	S-50	102	97	
0-1449-6	S-51	105	96	
0-1449-7	S-52	102	98	
00-1449-8	S-53	102	95	
0-1449-9	S-54	86	116	
0-1449-10	S-55	103	97	
0-1449-11	SW-17	104	95	
0-1449-12	SW-18	104	94	
0-1449-13	SW-19	99	103	
0-1449-14	SW-20	99	97	
-1449-15	SW-21	106	99	
D-1449-16	SW-22	102	88	
D-1449-17	SW-23	99	97	
S 880-10015/1-A	Lab Control Sample	97	88	
SD 880-10015/2-A	Lab Control Sample Dup	99	90	
3 880-10015/5-A	Method Blank	106	98	
3 880-9995/5-A	Method Blank	107	101	
Surrogate Legend				
DFBZ = 1,4-Difluoroben:	zene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
90-1449-1	S-46	106	115	
0-1449-2	S-47	102	106	
90-1449-3	S-48	96	97	
90-1449-4	S-49	97	102	
90-1449-5	S-50	90	92	
90-1449-6	S-51	93	93	
0-1449-7	S-52	92	91	
0-1449-8	S-53	94	92	
0-1449-9	S-54	98	98	
00-1449-10	S-55	101	109	
0-1449-11	SW-17	93	96	
0-1449-12	SW-18	94	101	
0-1449-13	SW-19	95	100	
0-1449-14	SW-20	91	92	
0-1449-15	SW-21	94	99	
0-1449-16	SW-22	96	100	

Surrogate Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-1449-17	SW-23	96	101	-
890-1471-A-1-C MS	Matrix Spike	110	106	
890-1471-A-1-D MSD	Matrix Spike Duplicate	112	108	
LCS 880-10374/2-A	Lab Control Sample	101	102	
LCSD 880-10374/3-A	Lab Control Sample Dup	109	113	
MB 880-10374/1-A	Method Blank	113	127	
Surrogate Legend				
1CO = 1-Chlorooctane				
OTPH = o-Terphenyl				

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-10015/5-A

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10015

		MB	MB							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
İ	Benzene	<0.00200	U	0.00200	0.000385	mg/Kg		10/20/21 14:39	10/24/21 05:46	1
	Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/20/21 14:39	10/24/21 05:46	1
	Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		10/20/21 14:39	10/24/21 05:46	1
	m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 14:39	10/24/21 05:46	1
	a-Xylene	<0,00200	U	0.00200	0.000344	mg/Kg		10/20/21 14:39	10/24/21 05:46	1
-	Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 14:39	10/24/21 05:46	1
	Methyl tert-butyl ether	<0.0100	U	0.0100	0.00163	mg/Kg		10/20/21 14:39	10/24/21 05:46	1
		МВ	МВ							

Surrogate	%Recovery Quality	ier Limits	Prepared	Analyzed	DII Fac
1,4-Difluorobenzene (Surr)	106	70 130	10/20/21 14:39	10/24/21 05:46	1
4-Bromofluorobenzene (Surr)	98	70 - 130	10/20/21 14:39	10/24/21 05:46	1

Lab Sample ID: LCS 880-10015/1-A

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 10015

		Spike	LUS LUS			/₀κec.	
	Analyte	Added	Result Qualifier	Unit	D %Rec	Limits	
	Benzene	0.100	0.1061	mg/Kg	106	70 - 130	
	Toluene	0,100	0.1151	mg/Kg	115	70 - 130	
	Ethylbenzene	0.100	0,1197	mg/Kg	120	70 . 130	
	m-Xylene & p-Xylene	0.200	0.2296	mg/Kg	115	70 _ 130	
	o-Xylene	0.100	0.1178	mg/Kg	118	70 _ 130	
	Methyl tert-butyl ether	0.500	0.6647 *	mg/Kg	133	70 _ 130	
i	• •						

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	88		70 _ 130

Lab Sample ID: LCSD 880-10015/2-A

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10015

	Spike	LCSD LCSD				%Rec.		RPD
Analyte	Added	Result Qualific	er Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1071	mg/Kg	_	107	70 - 130	1	35
Toluene	0.100	0.1126	mg/Kg		113	70 - 130	2	35
Ethylbenzene	0.100	0.1187	mg/Kg		119	70 130	1	35
m-Xylene & p-Xylene	0.200	0.2306	mg/Kg		115	70 - 130	0	35
o-Xylene	0.100	0.1203	mg/Kg		120	70 - 130	2	35
Methyl tert-butyl ether	0.500	0.7105 *	mg/Kg		142	70 - 130	7	35

LCSD LCSI)
-----------	---

Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	90		70 - 130

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

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

Lab Sample ID: 890-1449-1 MS

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: S-46 Prep Type: Total/NA Prep Batch: 10015

	Sample	Sample	Spike	MS	MS				%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Веплепе	0,000400	J	0.101	0.1067		mg/Kg		105	70 - 130
Toluene	<0.00199	U	0.101	0.1084		mg/Kg		107	70 ₋ 130
Ethylbenzene	<0.00199	U	0.101	0.1153		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	<0,00398	U	0,202	0.2213		m g/K g		110	70 - 130
o-Xylene	0.000687	J	0.101	0.1187		mg/Kg		117	70 - 130
Methyl tert-butyl ether	0.00275	J *	0.505	0.6939	N1	mg/Kg		137	70 _ 130
	MS	MS							
Surrogate	%Recovery	Qualifier	Limits						
1,4-Difluorobenzene (Surr)	102		70 130						
4-Bromofluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: 890-1449-1 MSD

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: S-46 Prep Type: Total/NA

Prep Batch: 10015

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.000400	J	0,0990	0.1015		mg/Kg		102	70 - 130	5	35
Toluene	<0,00199	U	0.0990	0.1023		mg/Kg		103	70 - 130	6	35
Ethylbenzene	<0.00199	U	0.0990	0.1059		mg/Kg		107	70 - 130	9	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.2043		mg/Kg		103	70 - 130	8	35
o-Xylene	0.000687	J	0.0990	0.05608	N1 N2	mg/Kg		56	70 - 130	72	35
Methyl tert-butyl ether	0.00275	J *	0.495	0.6195		mg/Kg		125	70 - 130	11	35

)

Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-9995/5-A

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9995

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	Ū	0.00200	0.000385	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
Toluene	<0.00200	U	0,00200	0.000456	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
Ethylbenzeпe	<0.00200	U	0.00200	0.000565	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
o-Xylene	<0.00200	U	0,00200	0.000344	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
Xylenes, Total	<0,00400	U	0.00400	0.00101	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
Methyl tert-butyl ether	0.001737	J	0.0100	0.00163	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130				10/20/21 13:44	10/23/21 18:12	1
4-Bromofluorobenzene (Surr)	101		70 _~ 130				10/20/21 13:44	10/23/21 18:12	1

1-Chlorooctane

o-Terphenyl

Released to Imaging: 1/27/2022 7:53:29

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

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

Lab Sample ID: MB 880-10374/1-A Matrix: Solid Analysis Batch: 10361							Client Sa	mple ID: Metho Prep Type: ⁻ Prep Batcl	Total/NA
·	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 12:23	1
Diesel Range Organics (Over C10-C28)	32.63	J	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 12:23	1
Oll Range Organics (Over C28-C36)	<50.0	U	50,0	15.0	mg/Kg		10/25/21 10:09	10/25/21 12:23	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	10/25/21 10:09	10/25/21 12:23	1
o-Terphenyl	127		70 - 130	10/25/21 10:09	10/25/21 12:23	1

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 880-10374/2-A Prep Type: Total/NA Matrix: Solid Prep Batch: 10374 Analysis Batch: 10361

%Rec. LCS LCS Spike Limits Added Result Qualifier Unit %Rec Aπalyte 866.4 87 70 - 130 1000 mg/Kg Gasoline Range Organics (GRO)-C6-C10 1000 1006 mg/Kg 101 70 - 130 Diesel Range Organics (Over C10-C28)

LCS LCS %Recovery Qualifier Limits Surrogate 70 - 130 101 1-Chlorooctane 70 - 130 102 o-Terphenyl

113

Client Sample ID: Lab Control Sample Dup Lab Sample ID: LCSD 880-10374/3-A Prep Type: Total/NA Matrix: Solid

Prep Batch: 10374 Analysis Batch: 10361

		Spike	LCSD LCSD				%Rec.		RPD
	Analyte	Added	Result Qualifie	r Unit	D	%Rec	Limits	RPD	Limit
	Gasoline Range Organics	1000	838.2	mg/Kg		84	70 - 130	3	20
	(GRO)-C6-C10 Diesel Range Organics (Over	1000	1126	mg/Kg		113	70 - 130	11	20
1	C10, C28)								

Diesel Range Organics (Over		1000	1126	mg/Kg	113	70 - 130	11
C10-C28)							
LCSD	LCSD						
Surrogate %Recovery	Qualifier	Limits					
1-Chlorooctane 109		70 - 130					

70 - 130

Client Sample ID: Matrix Spike Lab Sample ID: 890-1471-A-1-C MS Prep Type: Total/NA Matrix: Solid

Prep Batch: 10374 Analysis Batch: 10361

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.9	Ü	997	963.8	-	mg/Kg		97	70 - 130	
(GRO)-C6-C10 Diesei Range Organics (Over C10-C28)	31.1	JЪ	997	933.9		mg/Kg		91	70 - 130	

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG; Lea County NM

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

Lab Sample ID: 890-1471-A-1-C MS

Matrix: Solid

Analysis Batch: 10361

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 10374

	MS MS	
Surrogate	%Recovery Qua	lifier Limits
1-Chlorooctane	110	70 - 130
o-Terphenyl	106	70 - 130

Lab Sample ID: 890-1471-A-1-D MSD

Matrix: Solid

Analysis Batch: 10361

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 10374

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49,9	U .	1000	1019		mg/Kg		102	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	31.1	Jb	1000	974.2		mg/Kg		94	70 ₋ 130	4	20

MSD MSD

мв мв

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	108		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-10300/1-A

Matrix: Solid

Analysis Batch: 10506

Client Sample	ID:	Method	Blank
D.	ran	Type: 9	aluhla:

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Prep Type: Soluble

Analyte	Result Qualifier	RI.	MDL Unit	<u>D</u> _	Prepared	Analyzed	Dil Fac
Chloride	<5.00 U	5.00	0,858 mg/Kg			10/25/21 16:31	1

Lab Sample ID: LCS 880-10300/2-A

Matrix: Solid

Analysis Batch: 10506

7 maryora Datem 10000								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	250.8		mg/Kg		100	90 - 110	

LCSD LCSD Result Qualifier

251.0

Spike

Added

250

Lab Sample ID: LCSD 880-10300/3-A

Matrix: Solid

Analyte

Chloride

Analysis Batch: 10506

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

			%Rec.		RPD
Unit	D	%Rec	Limits	RPD	Limit
mg/Kg	2//-4	100	90 - 110	0	20

Lab Sample ID: 890-1449-10 MS

Matrix: Solid

Analysis Batch: 10506										
	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	181		251	443.2		mg/Kg		105	90 - 110	

Eurofins Xenco, Carlsbad

Client Sample ID: S-55

Prep Type: Soluble

ď

Released to Imaging: 1/27/2022 7:53:29 AM

QC Sample Results

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1449-10 MSD									Client Sa	•	
Matrix: Solid									Prep	Type: S	oluble
Analysis Batch: 10506											
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	181		251	426.9		mg/Kg		98	90 _ 110	4	20

Received by OCD: 1/10/2022 7:06:31 AM

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

GC VOA

Pren	Batch:	9995
riep	Datell.	9999

	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
ļ	MB 880-9995/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 10015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1449-1	S-46	Total/NA	Solid	5035	
890-1449-2	S-47	Total/NA	Solid	5035	
890-1449-3	S-48	Total/NA	Solid	5035	
890-1449-4	S-49	Total/NA	Solid	5035	
890-1449-5	S-50	Total/NA	Solid	5035	
890-1449-6	S-51	Total/NA	Solid	5035	
890-1449-7	S-52	Total/NA	Solid	5035	
890-1449-8	S-53	Total/NA	Solid	5035	
890-1449-9	S-54	Total/NA	Solid	5035	
B90-1449-10	S-55	Total/NA	Solid	5035	
B90-1449-11	SW-17	Total/NA	Solid	5035	
890-1449-12	SW-18	Total/NA	Solid	5035	
390-1449-13	SW-19	Total/NA	Solid	5035	
890-1449-14	SW-20	Total/NA	Solid	5035	
890-1449-15	SW-21	Total/NA	Solid	5035	
390-1449-16	SW-22	Total/NA	Solid	5035	
390-1449-17	SW-23	Total/NA	Solid	5035	
MB 880-10015/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-10015/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-10015/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
390-1449-1 MS	S-46	Total/NA	Solid	5035	
390-1449-1 MSD	S-46	Total/NA	Solid	5035	

Analysis Batch: 10201

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-1449-1	S-46	Total/NA	Solid	8021B	10015
890-1449-2	S-47	Total/NA	Solid	8021B	10018
890-1449-3	S-48	Total/NA	Solid	8021B	10015
890-1449-4	S-49	Total/NA	Solid	8021B	10018
890-1449-5	S-50	Total/NA	Solid	8021B	1001
890-1449-6	S-51	Total/NA	Solid	8021B	10015
890-1449-7	S-52	Total/NA	Solid	8021B	10015
890-1449-8	S-53	Total/NA	Solid	8021B	10015
890-1449-9	S-54	Total/NA	Solid	8021B	10015
890-1449-10	S-55	Total/NA	Solid	8021B	1001
890-1449-11	SW-17	Total/NA	Solid	8021B	10015
890-1449-12	SW-18	Total/NA	Solid	8021B	10015
890-1449-13	SW-19	Total/NA	Solid	8021B	1001
890-1449-14	SW-20	Total/NA	Solid	8021B	10018
890-1449-15	SW-21	Total/NA	Solid	8021B	10015
890-1449-16	SW-22	Total/NA	Solid	8021B	1001
890-1449-17	SW-23	Total/NA	Solid	8021B	1001
MB 880-10015/5-A	Method Blank	Total/NA	Solid	8021B	10018
MB 880-9995/5-A	Method Blank	Total/NA	Solid	8021B	999
_CS 880-10015/1-A	Lab Control Sample	Total/NA	Solid	8021B	1001
_CSD 880-10015/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1001
890-1449-1 MS	S-46	Total/NA	Solid	8021B	1001

Eurofins Xenco, Carlsbad

Released to Imaging: 1/27/2022 7:53:29 AM

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 10201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1449-1 MSD	S-46	Total/NA	Solid	8021B	10015

Analysis Batch: 10591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1449-1	S-46	Total/NA	Solid	Total BTEX	-
890-1449-2	S-47	Total/NA	Solid	Total BTEX	
890-1449-3	S-48	Total/NA	Solid	Total BTEX	
890-1449-4	S-49	Total/NA	Solid	Total BTEX	
890-1449-5	S-50	Total/NA	Solid	Total BTEX	
890-1449-6	S-51	Total/NA	Solid	Total BTEX	
890-1449-7	S-52	Total/NA	Solid	Total BTEX	
890-1449-8	S-53	Total/NA	Solid	Total BTEX	
890-1449-9	S-54	Totai/NA	Solid	Total BTEX	
890-1449-10	S-55	Total/NA	Solid	Total BTEX	
890-1449-11	SW-17	Total/NA	Solid	Total BTEX	
890-1449-12	SW-18	Total/NA	Solid	Total BTEX	
890-1449-13	SW-19	Total/NA	Solid	Total BTEX	
890-1449-14	SW-20	Totał/NA	Solid	Total BTEX	
890-1449-15	SW-21	Total/NA	Solid	Total BTEX	
390-1449-16	SW-22	Total/NA	Solid	Total BTEX	
890-1449-17	SW-23	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 10361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1449-1	S-46	Total/NA	Solid	8015B NM	10374
890-1449-2	S-47	Total/NA	Solid	8015B NM	10374
890-1449-3	S-48	Total/NA	Solid	8015B NM	10374
890-1449-4	S-49	Total/NA	Solid	8015B NM	10374
890-1449-5	S-50	Total/NA	Solid	8015B NM	10374
890-1449-6	S-51	Total/NA	Solid	8015B NM	10374
890-1449-7	\$-52	Total/NA	Solid	8015B NM	10374
890-1449-8	S-53	Total/NA	Solid	8015B NM	10374
890-1449-9	S-54	Total/NA	Solid	8015B NM	10374
890-1449-10	S-55	Total/NA	Solid	8015B NM	10374
890-1449-11	SW-17	Total/NA	Solid	8015B NM	10374
890-1449-12	SW-18	Total/NA	Solid	8015B NM	10374
890-1449-13	SW-19	Total/NA	Solid	8015B NM	10374
890-1449-14	SW-20	Total/NA	Solid	8015B NM	10374
890-1449-15	SW-21	Total/NA	Solid	8015B NM	10374
890-1449-16	SW-22	Total/NA	Solid	8015B NM	10374
890-1449-17	SW-23	Total/NA	Solid	8015B NM	10374
MB 880-10374/1-A	Method Blank	Total/NA	Solid	8015B NM	10374
LCS 880-10374/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	10374
LCSD 880-10374/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	10374
890-1471-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	10374
890-1471-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	10374

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

GC Semi VOA

Prep Batch: 10374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1449-1	S-46	Total/NA	Solid	8015NM Prep	
890-1449-2	S-47	Total/NA	Solid	8015NM Prep	W.
890-1449-3	S-48	Total/NA	Solid	8015NM Prep	
890-1449-4	S-49	Total/NA	Solid	8015NM Prep	
890-1449-5	S-50	Total/NA	Solid	8015NM Prep	
890-1449-6	S-51	Total/NA	Solid	8015NM Prep	
890-1449-7	S-52	Total/NA	Solid	8015 NM Prep	
890-1449-8	S-53	Total/NA	Solid	8015NM Prep	
890-1449-9	S-54	Total/NA	Solid	8015NM Prep	<u>91</u>
890-1449-10	S-55	Total/NA	Solid	8015NM Prep	
890-1449-11	SW-17	Total/NA	Solid	8015NM Prep	
890-1449-12	SW-18	Total/NA	Solid	8015NM Prep	
890-1449-13	SW-19	Total/NA	Solid	8015NM Prep	
890-1449-14	SW-20	Total/NA	Solid	8015NM Prep	
890-1449-15	SW-21	Total/NA	Solid	8015NM Prep	
890-1449-16	SW-22	Total/NA	Solid	8015NM Prep	
890-1449-17	SW-23	Total/NA	Solid	8015NM Prep	
MB 880-10374/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-10374/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	*:
LCSD 880-10374/3-A	Lab Control Sample Dup	Tota!/NA	Solid	8015 NM Prep	
890-1471-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1471-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 10533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1449-1	S-46	Total/NA	Solid	8015 NM	
890-1449-2	S-47	Total/NA	Solid	8015 NM	
890-1449-3	S-48	Total/NA	Solid	8015 NM	
890-1449-4	S-49	Total/NA	Solid	8015 NM	
890-1449-5	S-50	Total/NA	Solid	8015 NM	
890-1449-6	S-51	Total/NA	Solid	8015 NM	
390-1449-7	S-52	Total/NA	Solid	8015 NM	
390-1449-8	S-53	Total/NA	Solid	8015 NM	
390-1449-9	S-54	Total/NA	Solid	8015 NM	
390-1449-10	S-55	Total/NA	Solid	8015 NM	
390-1449-11	SW-17	Total/NA	Solid	8015 NM	
390-1449-12	SW-18	Total/NA	Solid	8015 NM	
390-1449-13	SW-19	Total/NA	Solid	8015 NM	
390-1449-14	SW-20	Total/NA	Solid	8015 NM	
390-1449-15	SW-21	Total/NA	Solid	8015 NM	
90-1449-16	SW-22	Total/NA	Solid	8015 NM	
390-1449-17	SW-23	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 10300

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-1449-1	S-46	Soluble	Solid	DI Leach	
890-1449-2	S-47	Soluble	Solid	Dł Leach	
890-1449-3	S-48	Soluble	Solid	DI Leach	
890-1449-4	S-49	Soluble	Solid	Dí Leach	

QC Association Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 10300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1449-5	S-50	Soluble	Solid	DI Leach	
890-1449-6	S-51	Soluble	Solid	DI Leach	
890-1449-7	S-52	Soluble	Solid	Di Leach	
890-1449-8	S-53	Soluble	Solid	Df Leach	
890-1449-9	S-54	Soluble	Solid	DI Leach	
890-1449-10	S-55	Soluble	Solid	DI Leach	
890-1449-11	SW-17	Soluble	Solid	DI Leach	
890-1449-12	SW-18	Soluble	Solid	Di Leach	
890-1449-13	SW-19	Soluble	Solid	DI Leach	
890-1449-14	SW-20	Soluble	Solid	DI Leach	
890-1449-15	SW-21	Soluble	Solid	DI Leach	
890-1449-16	SW-22	Soluble	Solid	DI Leach	
890-1449-17	SW-23	Soluble	Solid	DI Leach	
MB 880-10300/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-10300/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-10300/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1449-10 MS	S-55	Soluble	Solid	DI Leach	
890-1449-10 MSD	S-55	Soluble	Solid	DI Leach	

Analysis Batch: 10506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1449-1	S-46	Soluble	Solid	300.0	10300
890-1449-2	S-47	Soluble	Solid	300.0	10300
890-1449-3	S-48	Soluble	Solid	300.0	10300
890-1449-4	S-49	Soluble	Solid	300.0	10300
890-1449-5	S-50	Soluble	Solid	300.0	10300
890-1449-6	S-51	Soluble	Solid	300.0	10300
890-1449-7	S-52	Soluble	Solid	300.0	10300
890-1449-8	S-53	Soluble	Solid	300.0	10300
890-1449-9	S-54	Soluble	Solid	300.0	10300
890-1449-10	S-55	Soluble	Solid	300.0	10300
890-1449-11	SW-17	Soluble	Solid	300.0	10300
890-1449-12	SW-18	Soluble	Solid	300.0	10300
890-1449-13	SW-19	Soluble	Solid	300.0	10300
890-1449-14	SW-20	Soluble	Solid	300.0	10300
890-1449-15	SW-21	Soluble	Solid	300.0	10300
890-1449-16	SW-22	Soluble	Solid	300.0	10300
890-1449-17	SW-23	Soluble	Solid	300,0	10300
MB 880-10300/1-A	Method Blank	Soluble	Solid	300.0	10300
LCS 880-10300/2-A	Lab Control Sample	Soluble	Solid	300.0	10300
LCSD 880-10300/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	10300
890-1449-10 M S	S-55	Soluble	Solid	300.0	10300
890-1449-10 MSD	S-55	Soluble	Solid	300.0	10300

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Lab Sample ID: 890-1449-1

Matrix: Solid

Client Sample ID: S-46 Date Collected: 10/18/21 09:00

Date Received: 10/19/21 12:02

Batch	Batch	Batch Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 06:15	MR '	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1	-		10361	10/25/21 15:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 17:12	СН	XEN MID

Client Sample ID: S-47

Date Collected: 10/18/21 09:10 Date Received: 10/19/21 12:02 Lab Sample ID: 890-1449-2

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Tota!/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 06:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 m L	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 15:32	AJ	XEN MID
Soluble	Leach	Di Leach			4.97 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 17:19	СН	XEN MID

Client Sample ID: S-48

Date Collected: 10/18/21 09:20 Date Received: 10/19/21 12:02

Lab Sample ID: 890-1449-3

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 06:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 15:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	10300	10/22/21 17:44	SC	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 17:26	CH	XEN MID

Client Sample ID: S-49

Received by OCD: 1/10/2022 7:06:31 AM

Date Collected: 10/18/21 10:10

Date Received: 10/19/21 12:02

Lab Sample ID: 890-1449-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 07:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Client Sample ID: S-49

Date Collected: 10/18/21 10:10 Date Received: 10/19/21 12:02 Lab Sample ID: 890-1449-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 16:12	AJ	XEN MID
Soluble	Leach	DI Leach			5,05 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 17:33	CH	XEN MID

Client Sample ID: S-50

Date Collected: 10/18/21 10:20 Date Received: 10/19/21 12:02 Lab Sample ID: 890-1449-5 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 07:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 16:33	AJ	XEN MID
Solubie	Leach	DI Leach			4.96 g	50 mL	10300	10/22/21 17:44	SC	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 17:53	CH	XEN MID

Client Sample ID: S-51

Date Collected: 10/18/21 10:30 Date Received: 10/19/21 12:02 Lab Sample ID: 890-1449-6

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 07:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 16:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	10300	10/22/21 17:44	SC	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 18:00	СН	XEN MID

Client Sample ID: S-52

Date Collected: 10/18/21 13:30 Date Received: 10/19/21 12:02

Received by OCD: 1/10/2022 7:06:31 AM

Lab Sample ID: 890-1449-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 08:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 17:13	AJ	XEN MID

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Lab Sample ID: 890-1449-7 Client Sample ID: S-52 Date Collected: 10/18/21 13:30

Matrix: Solid

Ргер Туре	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	10300	10/22/21 17:44	SC	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 18:07	СН	XEN MID

Client Sample ID: S-53

Date Collected: 10/18/21 13:40 Date Received: 10/19/21 12:02

Date Received: 10/19/21 12:02

Lab Sample ID: 890-1449-8

Matrix: Solid

	Batch	Batch		Dìl	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 m L	10201	10/24/21 08:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 17:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 18:14	CH	XEN MID

Client Sample ID: S-54

Date Collected: 10/18/21 13:50 Date Received: 10/19/21 12:02

Lab Sample ID: 890-1449-9

Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 m L	5 mL	10201	10/24/21 08:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	ΑJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	ΑJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 18:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 18:21	СН	XEN MID

Client Sample ID: S-55

Received by OCD: 1/10/2022 7:06:31 AM

Date Collected: 10/18/21 13:55 Date Received: 10/19/21 12:02 Lab Sample ID: 890-1449-10

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 09:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 18:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 18:28	CH	XEN MID

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Client Sample ID: SW-17

Date Collected: 10/18/21 11:00 Date Received: 10/19/21 12:02 Lab Sample ID: 890-1449-11
Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035		hart.	5.02 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 11:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1		4	10361	10/25/21 18:57	AJ	XEN MID
Soluble	Leach	Di Leach			5.03 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 18:48	CH	XEN MID

Client Sample ID: SW-18 Date Collected: 10/18/21 11:10

Date Received: 10/19/21 12:02

Lab Sample ID: 890-1449-12 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 11:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Ргер	8015NM Prep			10.00 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 19:17	AJ	XEN MID
Soluble	Leach	Dí Leach			5.01 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 18:55	СН	XEN MID

Client Sample ID: SW-19

Date Collected: 10/18/21 11:20 Date Received: 10/19/21 12:02

Lab Sample ID: 890-1449-13

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 11:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 19:37	AJ	XEN MID
Soluble	Leach	Dí Leach			5.04 g	50 mL	10300	10/22/21 17:44	SC	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 19:16	CH	XEN MID

Client Sample ID: SW-20

Date Collected: 10/18/21 12:00

Date Received: 10/19/21 12:02

Received by OCD: 1/10/2022 7:06:31 AM

Lab Sample ID: 890-1449-14
Matrix: Solid

_	Batch	Batch		Dìl	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 12:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Client Sample ID: SW-20

Lab Sample ID: 890-1449-14

Matrix: Solid

Date Collected: 10/18/21 12:00 Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	lnitial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1		-44	10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 19:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 19:23	СН	XEN MID

Client Sample ID: SW-21

Date Collected: 10/18/21 12:10 Date Received: 10/19/21 12:02 Lab Sample ID: 890-1449-15

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 12:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 20:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 19:30	СН	XEN MID

Client Sample ID: SW-22

Date Collected: 10/18/21 13:10 Date Received: 10/19/21 12:02 Lab Sample ID: 890-1449-16

Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 12:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 20:38	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 19:37	СН	XEN MID

Client Sample ID: SW-23

Date Collected: 10/18/21 13:20

Date Received: 10/19/21 12:02

Received by OCD: 1/10/2022 7:06:31 AM

Lab Sample ID: 890-1449-17

Matrix: Solid

Released to Imaging: 1/27/2022 7:53:29 AM

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 13:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			10591	10/26/21 09:02	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			10533	10/26/21 08:56	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	10374	10/25/21 10:09	AJ	XEN MID
Total/NA	Analysis	8015B NM		1			10361	10/25/21 20:58	AJ	XEN MID

Received by OCD: 1/10/2022 7:06:31 AM

Released to Imaging: 1/27/2022 7:53:29 AM

Lab Chronicle

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Lab Sample ID: 890-1449-17

Matrix: Solid

Client Sample ID: SW-23

Date Collected: 10/18/21 13:20 Date Received: 10/19/21 12:02

Ргер Туре	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	10300	10/22/21 17:44	sc	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 19:44	СН	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

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

authority Texas		Program	Identification Number	Expiration Date
		NELAP	T104704400-21-22	06-30-22
The following englyter	are included in this report	but the inheretony is not certif	fied by the governing authority. This list ma	av include analytes for w
		but the laboratory is not certif	ned by the governing additionty. This list the	ay molade dilaiy too io
the agency does not o		but the laboratory is not certif		ay molado dilalytoo id. ti
		Matrix	Analyte	
the agency does not o	ffer certification.			

Page 302 o

Method Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Method	Method Description	Protocol	Laboratory	
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID	
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID	
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID	
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID	
300.0	Anions, Ion Chromatography	MCAWW	XEN MID	
5035	Closed System Purge and Trap	SW846	XEN MID	
8015NM Prep	Microextraction	SW846	XEN MID	
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID	

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Xenco, Carlsbad

Released to Imaging: 1/27/2022 7:53:29 AM



Sample Summary

Client: Talon/LPE

Project/Site: Red Tank 4 Fed 1 (Red Tank)

Job ID: 890-1449-1 SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1449-1	S-46	Solid	10/18/21 09:00	10/19/21 12:02	2
890-1449-2	S-47	Solid	10/18/21 09:10	10/19/21 12:02	2
890-1449-3	S-48	Solid	10/18/21 09;20	10/19/21 12:02	2
890-1449-4	S-49	Solid	10/18/21 10:10	10/19/21 12:02	3
890-1449-5	S-50	Solid	10/18/21 10:20	10/19/21 12:02	3
890-1449-6	S-51	Solid	10/18/21 10:30	10/19/21 12:02	3
390-1449-7	S-52	Solid	10/18/21 13:30	10/19/21 12:02	2
390-1449-8	S-53	Solid	10/18/21 13:40	10/19/21 12:02	2
390-1449-9	S-54	Solid	10/18/21 13:50	10/19/21 12:02	2
390-1449-10	S-55	Solid	10/18/21 13:55	10/19/21 12:02	2
390-1449-11	SW-17	Solid	10/18/21 11:00	10/19/21 12:02	2
190-1449-12	SW-18	Solid	10/18/21 11:10	10/19/21 12:02	2
390-1449-13	SW-19	Solid	10/18/21 11:20	10/19/21 12:02	2
390-1449-14	SW-20	Solid	10/18/21 12:00	10/19/21 12:02	2 - 3
390-1449-15	SW-21	Solid	10/18/21 12:10	10/19/21 12:02	2
90-1449-16	SW-22	Solid	10/18/21 13:10	10/19/21 12:02	2
190-1449-17	SW-23	Solid	10/18/21 13:20	10/19/21 12:02	2-3



• eurofins

Project Manager:

Bill to: (if different)

XONO? Environment Testing

Chain of Custody

Í

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	
0	
rder l	
0	

Work Order Comments

오

Company Name:	Talon LPE	Company Name:	\	Program: UST/PST PRP Brownfields RRC Superfund
	408 W. Texas Ave.	Address:	t miles and the second	State of Project:
le ZIP:	Artesia, NM 88210	City, State ZIP:	***************************************	Reporting: Level II Level III PST/UST TRRP Level IV
Phone:	575.746.8768	Email: roons@talon	Email: rpons@talonipe.com_jcarnes@talonipe.com	Deliverables: EDD ADaPT Other:
Project Name:	Red Tank 4 Fed 1 (Red Tank)	กห) Turn Around	ANALYSIS	S REQUEST Preservative Codes
Project Number:	701162.112.01	☑Rout	Pres.	None
Project Location:	Lea County, NM	Due Date: 10/26/2021		Cool: Cool MeOH: Me
Sampler's Name:	M.Collier	9		
# O#	701162.112.01 CK	the lab, if received by 4:30pm	S	~
SAMPLE RECEIPT	Temp Blank:	res No Wet Ice: ((Ye) No	neter	U
Samples Received Intact:	(Yes) No	Thermometer ID: [WW		Nation: NABIO
Cooler Custody Seals:	Yes No (NIA	Correction Factor: -0 . 2	E	890-1449 Chain of Custody Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes No NA	Temperature Reading: े । भ	· ·	
Total Containers:	Correc	Corrected Temperature: 1. 2	ΞX	NaOH+Ascorbic Acid: SAPC
Sample Identification	tification Matrix Sampled	te Time Depth Comp	CHU	Sample Comments
S-46	Soil 10/18/2021	/2021 9:00 2' Comp		
S-47		9:10 2'	1	
S-48		9:20 2'		
S-49		10:10 3'		
S-50		10:20 3'		
S-51		10:30 3'		
S-52) 1:30 2'		
S-53		1:40 2"		
S-54		1:50 2'		
S-55	~	1:55 2'		
Total 200.7 / 6010	10 200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe	e Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) a	Circle Method(s) and Metal(s) to be analyzed	TGLP / SPLP 6010. BRCRA Sb As Ba Be	CRA Sb As Ba Be Cd Cr Co Cu Pb Mn	Mo Ni Se Ag Ti ⊔
Notice: Signature of this of service. Eurofins Xeno	document and relinquishment of sample will be liable only for the cost of sam	es constitutes a valid purchase order from ples and shall not assume any responsibil	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	actors. It assigns standard terms and conditions asses are due to circumstances beyond the control
	Control of the contro	Doğumlur veniye in minimi veniya en adozoo min oc sipined do deni project and a minimi de ci do do do do do do	Tottos Xeno	terms will be enforced unless previously negotiated.
Telinquished by: (Signature)		Received by: (Signature)	Date/Time Relinquished by: (Si	Signature) Received by: (Signature) Date/Time

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 1/10/2022 7:06:31 AM

e U
70
<u> </u>
SL

Company Name: Project Manager:

Talon LPE

Company Name: Bill to: (if different)

State of Project:

Program: UST/PST [] PRP[] Brownfields [] RRC [] Superfund []

Work Order Comments

of 2

R.Pons

408 W. Texas Ave.

28.000 REPARENCE RESULTS AND SERVICES

Chain of Custody

1

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

Worl	
õ	
der	
0	

City, State ZIP: A	Artesia, NM 88210		City, State ZIP:										טג	epon	ğ	eve	\Box	Level	≡	PS	SD/L	ĭ	ŢŖ.	Reporting: Level II 🗌 Level III 🔲 PST/UST 📋 TRRP 📗		Level IV	
	575.746.8768	Email: <u>I</u>	Email: rpons@talonipe.com_icarnes@talonipe.com	e.con) jcar	nes@	talon	pe.cc	jš 				6	Deliverables: EDD	able:	<u>m</u>	ŏ		>	ADaPT [_	Other:] <u></u>			L
Project Name:	Red Tank 4 Fed 1 (Red Tank)	Turn A	Turn Around							₽	ANALYSIS	!	REQUEST	EST							\exists	P	Ser	Yati	Preservative Codes	des	
Project Number:	701162.112.01	☑Routine	∏Rush	Pres.																	NO.	None: NO	0		DI Water: H ₂ O	iter:	ő
Project Location:	Lea County, NM	Due Date:	10/26/2021																		ဂ္ဂ	Caal: Caal	ŏ		MeOH: Me	∴ Me	
Sampler's Name:	M.Collier	TAT starts the day received by	day received by														_	_			H	HCL: HO	O		HNO; HN	I	
PO#.	701162.112.01	the lab, if recei	the lab, if received by 4:30pm	s						_	_							_			표 26	H ₂ S0 ₄ : H ₂	NT.		NaOH: Na	÷Νa	
SAMPLE RECEIPT	Temp Blank: Yes No	Wet lce:	Yes No	reter																	Į.	H₃PO₄: HP	£				
Samples Received Intact	Yes No T	<u> </u>	\	ran			5														No.	OSH	NaHSO ₄ : NABIS	Š			
Cooler Custody Seals:	Yes No N/A Correction-Factor			Pa			E										_				N N	S O	Na ₂ S ₂ O ₃ ; NaSO ₃	SOS			
Sample Custody Seals:	Yes No No Temperature Reading	Reading:	١ ر				10				-						_				2	Acet	ate+)	NaOF	Zn Acetate+NaOH: Zn		
Total Containers:	Corrected Temperature:	nperature:		L		X															N N	맞	ASCO	rbic /	NaOH+Ascorbic Acid: SAPC	SAPC	
Sample Identification	ication Matrix Date	Time Sampled	Depth Grab/	# of	TP	GTE	CHU							<u> </u>								જ્		e C	Sample Comments	ents	
SW-17	Soil 10/18/2021	11:00 2	2" Comp		×	X	\times			-		\dashv	_							İ	_						
SW-18	2 >	11:10 2)	ر		ſ				-		_]								ļ				
SW-19		11:20 2'	ġ. /	^						\neg		-	_					_			_	ļ					
SW-20) (12:00 2	2-3'		5	ļ	\										_										
SW-21		12:10 2'	2"	~		/	/			-																	
SW-22		1:10 2	2:	٤.,	_	/	\																				
SW-23	1	1:20	2-3'	~		V	\						-				-				Н						
The second secon								_		\dagger	+-	+	1_				-	+			T						
												-+			.		\vdash	\Box			-				-		
Total 200.7 / 6010	200.8 / 6020:	BRCRA 13PPM	M Texas 11	Al Sb	8	Ва	Be B	8	Ca Cr	S	5	9	Ph Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr	<u>@</u> <u>₹</u>	Σ.	<u>z</u>	<u>ح</u>	œ >	ŝ	S S	<u>a</u>	¥	Sn		Y Zn		
Circle Method(s) and	Circle Method(s) and Metal(s) to be analyzed	TCLP / SP	TCLP / SPLP 6010: BRCRA S5 As Ba Be Cd Cr Co Cu Pb Mn	Š	Sb A	s Ba	Be	Ο Σ	င္ပ	ဥ	Pb >	FI 1	Mo Ni Se Ag TI U	Se	Ą	=		_	ig: 1	631	124	5.17	747	Hg: 1631 / 245.1 / 7470 / 7471	7471		
Notice: Signature of this do: of service. Eurofins Xenco	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	tutes a valid purc	hase order from o	Hent co	mpany t	o Eurof	ins Xen	co, its	affiliate by the	s and s	ubcon	tractor	tors. It assigns standard terms and conditions	ssigns te to c	stand	ard te	rms a	nd cor	dition	2 4							
Dolina iishad hii	_		30 00 00 000	-				-					.				. 6				. '		\parallel				
Relinquished by: (Signature))	Received by: (Signature)	ле)		Date	Date/Time		<u> </u>	Relinquished by: (Si	ishe	d by:		gnature)	<u>.m</u>		لک و	eive	Received by: (Signature)	(S)	gnat	Пe)				Date∕Time	me	

Revised Dale: 08/25/2020 Rev. 2020.2

Received by OCD: 1/10/2022 7:06:31 AM

0.A.212022

Received by OCD; 1/10/2022 7:06:31 AM

Chain of Custody Record

1

Eurofins Xenco, Carlsbad	ACCOMPANIE	=		
1089 N Canal St. Carlsbad NM 88220 Phone 575-088-2100 Eav 575-088-2100	Chain of Custody Record	Record		Seurofins Environment Testing
Phone 575-988-3199 Fax 575-988-3199				
Client Information (Sub Contract Lab)	Sampler Lab	Lab PM	Carrier Tracking No(s)	COC No.
Client Contact:	The state of the s	200000		080-470
Shinning/Receiving	E-Mail	Aei	State of Origin	Page
Carlotter Research	jes	jessica kramer@eurofinset.com	New Mexico	Page 1 of 2
The Color Control		Accreditations Required (See note)		Job#
		NELAP - Texas		890-1449-1
1211 W Florida Ave	Due Date Requested 10/25/2021	Analysis	Analysis Requested	Preservation Codes
Midland	TAT Requested (days):	9 9		B NaOH N None
TX 70701		H		D Nitric Acid P Na204S

1211 W Florida Ave	10/25/2021		Analysis F	nalvsis Requested	Flaser varion Codes
City: Midland	TAT Requested (days):		79		사 보
State Zip TX 79701	1		PH		itate Cid P
Phone 432-704-5440(Tel)	PO#		MTBI		MeOH Amchlor
Email:	WO#		EX and		H ASCORDID ACID
Red Tank 4 Fed 1 (Red Tank)	Project #: 89000040		s or DD) B		L EDA Z
Sire	SSOW#:		SD (Ye alo (M V		Other
	Sample	Sample Matrix Type (W-water Sealid, CAMPAGE COMPAGE CO	Id Filkered S form MS/M 18/5035FP_C al_BTEX_GC 5MOD_NM/80 5MOD_Calc _ORGFM_28		al Number :
Companies resimination - Criefit ID (LdD ID)	Sample Date Time	<i>₀,</i> Ξ	80 80 70 80	manual framework	Special Instructions/Note
S-46 (890-1449-1)	10/18/21 09 00	Solid	X X X X X		
S-47 (890-1449-2)	10/18/21 09 10	Solid	× × × × × ×		
S-48 (890-1449-3)	10/18/21 09 20 Mountain	Solid	× × × ×		
S-49 (890-1449-4)	10/18/21 10 10 Mountain	Solid	× × × ×		N. C. C. C. C. C. C. C. C. C. C. C. C. C.
S-50 (890-1449-5)	10/18/21 10 20 Mountain	Solid	× × × × × ×		
S-51 (890-1449-6)	10/18/21 10 30 Mountain	Solid	× × × × ×		
S-52 (890-1449-7)	10/18/21 13 30 Mountain	Solid	× × × × ×		4
S-53 (B90-1449-8)	10/18/21 13 40 Mountain	Solid	× × × × × ×		2.5
S-54 (890-1449-9)	10/18/21 13 50 Mountain	Solid	x x x x x x x		1-10-10-10-10-10-10-10-10-10-10-10-10-10
Note Since laboratory accreditations are subject to change Eurofins Xenoo LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/fests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenoo LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenoo LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attention to each complicance to Eurofins Xenoo LLC.	places the ownership of method a k being analyzed the samples must the signed Chain of Custody attestin	nalyte & accreditation compliand be shipped back to the Eurofins ig to said complicance to Eurofir	ce upon out subcontract laboratories This s Xenco LLC laboratory or other instructions v	sample shipment is forwarded under cha will be provided. Any changes to accrec	in-of-custody If the laboratory does not currently instructions status should be brought to Eurofins Xenco
Possible Hazard Identification Unconfirmed			Sample Disposal (A fee may	may be assessed if samples are retained longer than 1 month)	stained longer than 1 month)
Deliverable Requested ! II III IV Other (specify)	Primary Deliverable Rank	2	Special Instructions/QC Requirements	ements	Active of Ci.
Empty Kit Relinquished by	Date		Time 1 1	Method of Shipment	
2. 21.01 And 30,	Date/Time.	Company	Received by	Date/Time	Company
Telli quistigo by	Date/Time	Сотрапу	Received by:	Date/Time:	Company

Relinquished by: Custody Seals intact.

∆ Yes ∆ No Custody Seal No Date/Time Company Cooler Temperature(s) C and Other Remarks. 3.3/3.4 Received by: Date/Time Company

Received by OCD: 1/10/2022 7:06:31 AM

Eurofins Xenco, Carlsbad 1089 N Canal St Carlsbad NM 88220 Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

💸 eurofins

Environment Testing America

	Carrie			Lab PM	<u> </u>					Carr	Carrier Tracking No(s)	ding No	(s)		ᇹ	COC No:			1
Client Contact:	Phone			Kram	Kramer Jessica	à				<u></u>	,]	00	890-470 2			
Company:				jessi	essica kramer@eurofinset com	@euro	înset c	E		Ne.	New Mexico	8 ⋾			<u> </u>	Page 2 of 2			
Eurofins Xenco Address					NELAP Texas	Texas	red (See	note)							00 5-	Job #: 890-1449-1			- 1
1211 W Flonda Ave	10/25/2021	: 						Analysis		Requested	řed	İ			<u></u>	Preservation Codes	odes		1
Midland	TAT Requested (days):	s):						\dashv				4	\dashv				zz	Hexane None	
TX 79701							rpH								пυс	Nitric Acid	סניכ	AsNaO2 Na2O4S	
Phone 432-704-5440(Tel)	PO#:				A,		Full 1	i		<u></u> .					O 71 0		σπα	Na28203 Na28203	
Email	WO#				Ĭø.		(MOD	loride						<u>-</u>			c ⊣	TSP Dodecahydrate Acetone	
Project Name Red Tank 4 Fed 1 (Red Tank)	Project #.				or No		_Prep	CH CH				···· <u> </u>			ners	CEDTA		MCAA pH 4-5	
Site	SSOW#				Yes		W_S_	LEA						-	olej	, EDA		other (specify)	
	SSCAA#				ASD (4)											Other:			
			Sample Type	Matrix (Wrwater	Filtered rm MS/I /5035FP	BTEX_G	OD_NM/	RGFM_2							Number				1
Sample Identification - Client ID (Lab ID)	Sample Date	<u> </u>	G=grab)	BT=Tissue, A=Air	Par	4	4—	3							Total	Special	Instru	pecial Instructions/Note	
S-55 (890-1449-10)	10/10/01	13 55	Priesepation Code	lon Code:	×		-	1	-	127	12/3	يهد	777		X				1
SW-17 (890-1440-11)	10/18/21	Mountain		Solid	×	×	×	×					_	-					
0.00 (0.00 (140° 1))	10/18/21	Mountain		Solid	×	×	×	×							phy (- 1
OVV-10 (09U-1449-1Z)	10/18/21	Mountain		Salid	×	×	×	×							# 2				
SW-T9 (890-1449-13)	10/18/21	11 20 Mountain		Solid	×	×	×	$\frac{}{\times}$				_	\dashv		4,				
SW-20 (890-1449-14)	10/18/21	12 00 Mountain		Solid	×	×	×	×	_	\dashv		_	_	\dashv	-			HARRIST TO THE PARTY OF THE PAR	
SW-21 (890-1449-15)	10/18/21	12 10 Mountain		Solid	×	×	×	×					+	\dashv	44				- 1
SW-22 (890-1449-16)	10/18/21	13 10 Mountain		Solid		×	×	×							enter:				
SW-23 (890-1449-17)	10/18/21	13 20 Mountain		Solid	×	×	×	×							<u> </u>			ATT. 1	ŀ
Note Since laboratory accreditations are subject to change Eurofins Xenco LLC of	laces the ownership	The bod on a	•					-											1
attention immediately if all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenoa LLC	eing analyzed the sau signed Chain of Cus	nples must be body attesting to	shipped back said complic	to the Eurofins ance to Eurofi	Xenco LLC	laborator	y or othe	if instruc	tions will	pe provi	ided A	ny cha	iges to	er chai accred	n-of-cu tation s	stony if the labo status should be l	aratory d brought	to Eurofins Xenco LL	5
Possible Hazard Identification Unconfirmed					Samp	Sample Disposal (A	osal (A fee	fee may be assessed if samples	asse \$	ssed	if sam	ples		taine	are retained longer than	1 1 mo	month)	1
Deliverable Requested II III IV Other (specify)	Primary Deliverable Rank	ble Rank 2			Speci	Special Instructions/Q	ctions.	QC Z	C Requirements	Disp rents	Disposal By Lab ents	y Lab			Archi	Archive For		Months	1
Empty Kit Relinquished by		Date			Time		-	1	1		Metho	Method of Shipment	ipment						1
12.61-91 Pro only 10-10-5	Date/Time			Company	7,7	Received b			3	0	0	_	Date/Time	ē			S	Company	- 1
/	Date/Time			Company	20	Received I	7	Ì		(0	Date/Time	ē			S	Company	- 1
namiqualisq by	Date/Time			Company	Z.	Received by	Ψ.					n	Date/Time	ě			ဂ္ဂ	Company	- 1
Custody Seals Intact. Custody Seal No					Q	Cooler Temperature(s)	perature	(s) °C a	°C and Other Remarks.	Remark	ន	L					-		1

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1449-1 SDG Number: Lea County NM

List Source: Eurofins Xenco, Carlsbad

Login Number: 1449 List Number: 1 Creator: Clifton, Cloe

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or ampered 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	
OC is filled out with all pertinent information.	True	
the Field Sampler's name present on COC?	True	
here are no discrepancies between the containers received and the COC.	True	
samples are received within Holding Time (excluding tests with immediate	True	
ample containers have legible labels.	True	
ontainers are not broken or leaking.	True	
ample collection date/times are provided.	True	
ppropriate sample containers are used.	True	
ample bottles are completely filled.	True	
ample Preservation Verified.	N/A	
here is sufficient vol. for all requested analyses, incl. any requested IS/MSDs	True	
ontainers requiring zero headspace have no headspace or bubble is 6mm (1/4").	N/A	



Received by OCD: 1/10/2022 7:06:31 AM

Released to Imaging: 1/27/2022 7:53:29 AM

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1449-1 SDG Number: Lea County NM

List Source: Eurofins Xenco, Midland

List Creation: 10/20/21 11:00 AM

Login Number: 1449	
List Number: 2	

Creator: Kramer, Jessica

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or ampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.3/3.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s the Field Sampler's name present on COC?	True	
here are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate lTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
ppropriate sample containers are used.	True	
ample bottles are completely filled.	True	
ample Preservation Verified.	True	
here is sufficient vol. for all requested analyses, incl. any requested IS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is 6mm (1/4").	N/A	

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

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

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

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

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

CONDITIONS

Action 71170

CONDITIONS

Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO	162683
600 N. Marienfeld Street	Action Number:
Midland, TX 79701	71170
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	1/27/2022