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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
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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
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<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 200 feet of any lakebed, sinkhole or a playa lake
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 1000 feet of any freshwater well or spring
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within 300 feet of a wetland
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within the area overlying a subsurface mine
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Within an unstable area
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

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

Incident Description

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	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
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
S-3	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	4600
	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
S-4	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	2300
	8/6/2021	2'	ND	ND	ND	ND	ND	0	3900
	8/6/2021	3'	ND	ND	ND	ND	ND	0	4500
	8/17/2021	4'	ND	ND	ND	ND	ND	0	ND
S-5	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	3300
	8/6/2021	2'	ND	ND	ND	ND	ND	0	3300
	8/6/2021	3'	ND	ND	ND	ND	ND	0	2900
	8/17/2021	4'	ND	ND	ND	ND	ND	0	330
	8/17/2021	5'	ND	ND	ND	ND	ND	0	ND
S-6	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	2300
	8/6/2021	2'	ND	ND	ND	ND	ND	0	270
	8/6/2021	3'	ND	ND	ND	ND	ND	0	84
S-7	8/6/2021	0-1' R	ND	ND	ND	ND	ND	0	7100
S-8	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	4300
	8/6/2021	2' R	ND	ND	ND	ND	ND	0	980
BG-1	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	1000
BG-2	8/6/2021	0-1'	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
BG-6	8/6/2021	0-1'	ND	ND	ND	ND	ND	0	1300
	8/17/2021	2'	ND	ND	ND	ND	ND	0	ND
BG-7	8/17/2021	0-1'	ND	ND	ND	ND	ND	0	71

ND = Analyte Not Detected R = Refusal with Hand Auger BG = 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 II
10/15/2021 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
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 100 mg/kg			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=Analyte 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
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO combined = 100 mg/kg			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 III
10/25/2021 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 + 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 = Analyte Not Detected, R = Road Sample, SW = Sidewall									

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 extent 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 combined = 100 mg/kg			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	CI mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
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 = Analyte Not Detected, 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 be 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

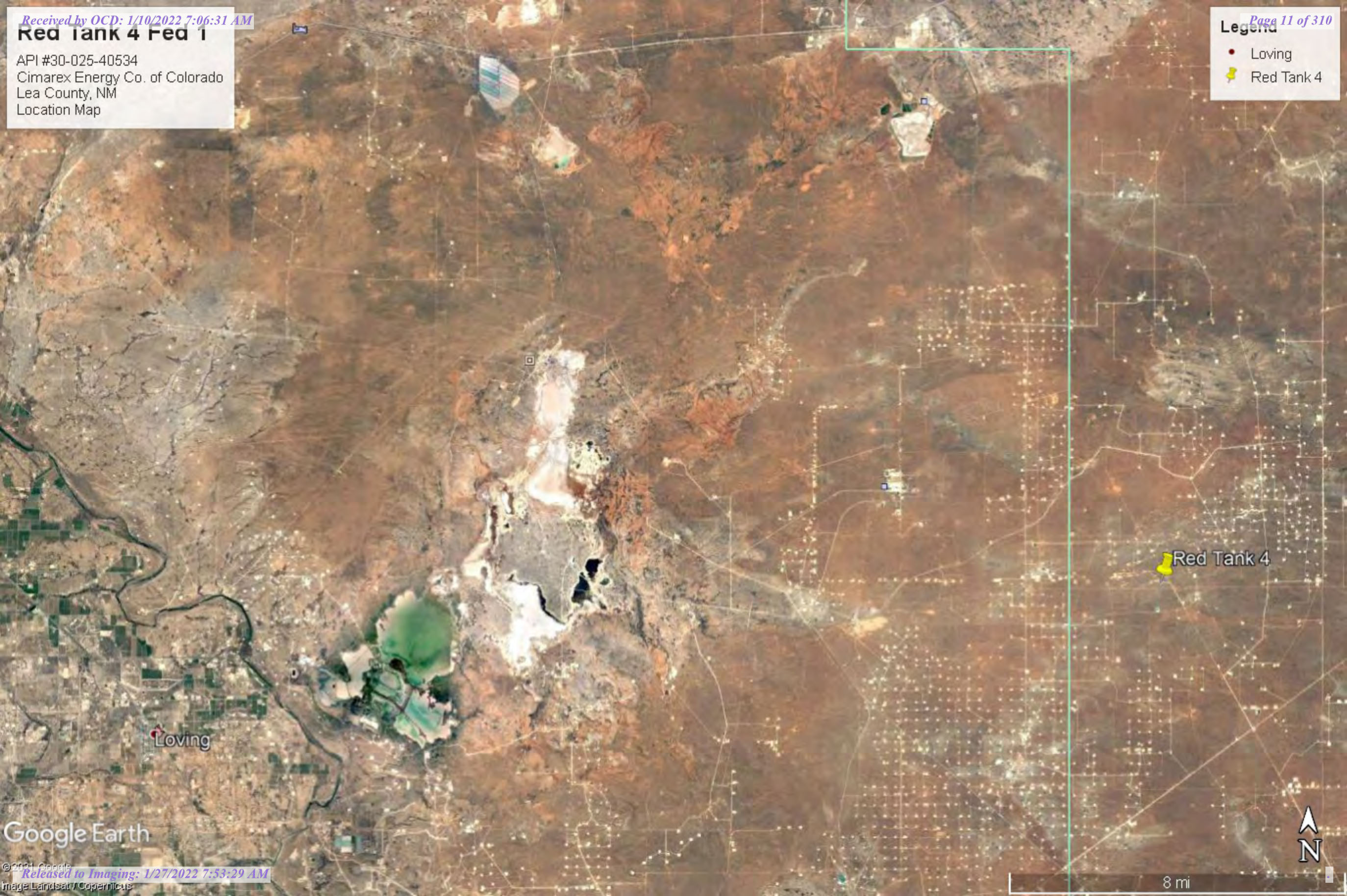
Red Tank 4 Red 1

API #30-025-40534
Cimarex Energy Co. of Colorado
Lea County, NM
Location Map

Legend

Loving

Red Tank 4



Google Earth



8 mi

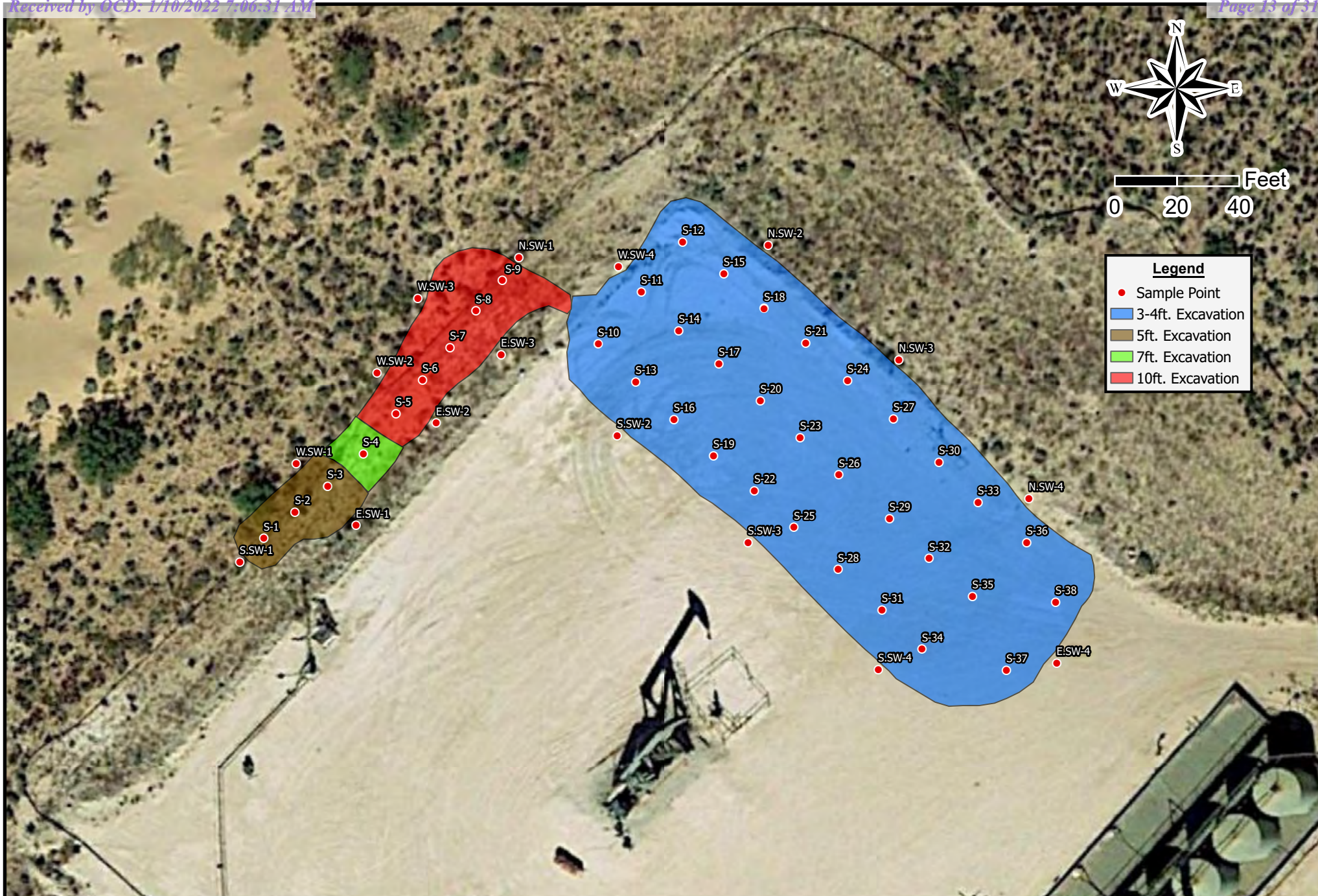
Red Tank 4 Fed 1

API #30-025-40534
Cimarex Energy Co. of Colorado
Lea County, NM
Site Assessment Map

Legend

- Red Tank 4
- Sample Point
- Spill





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

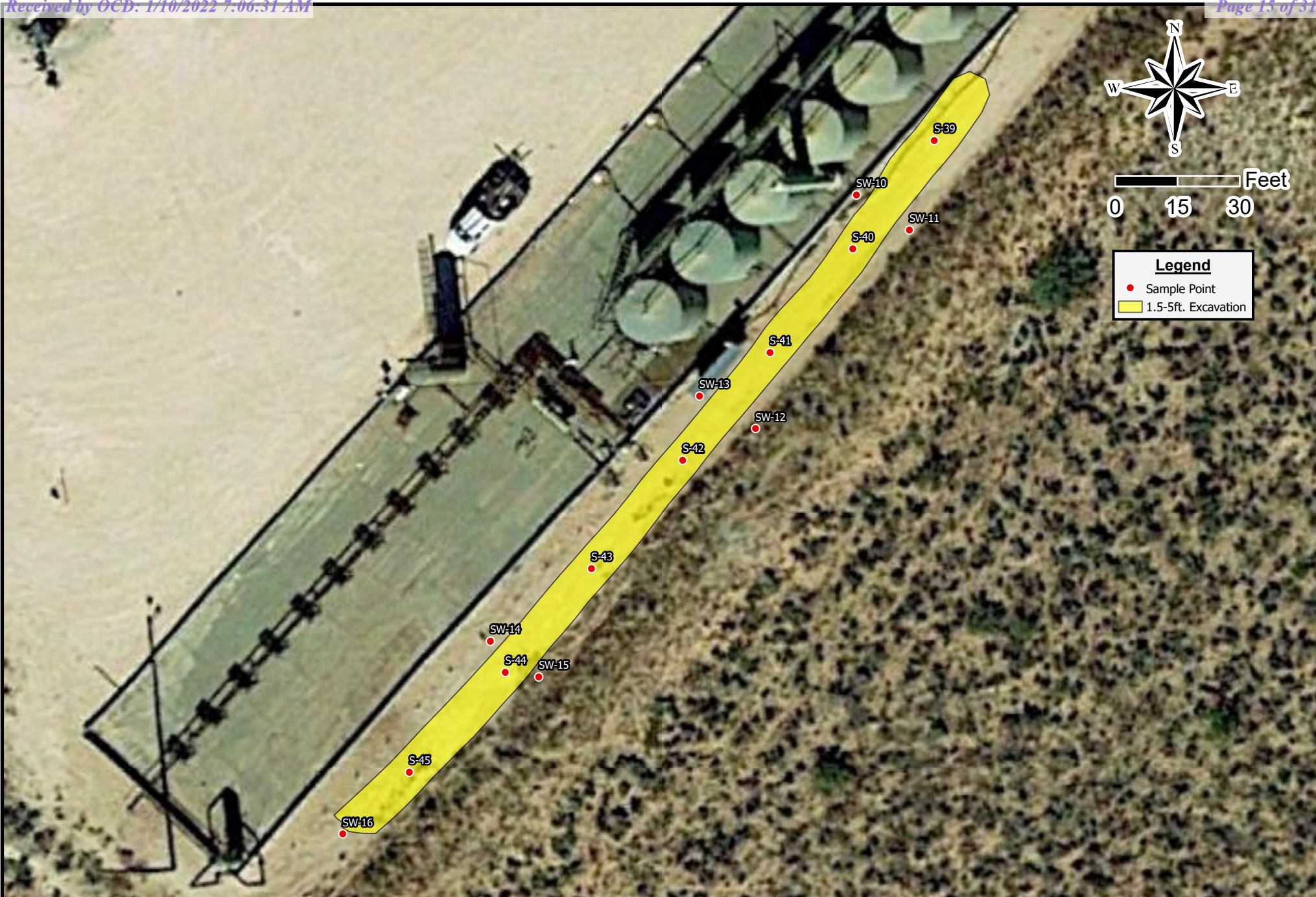


Drafted: 12/14/2021

1 in = 50 ft

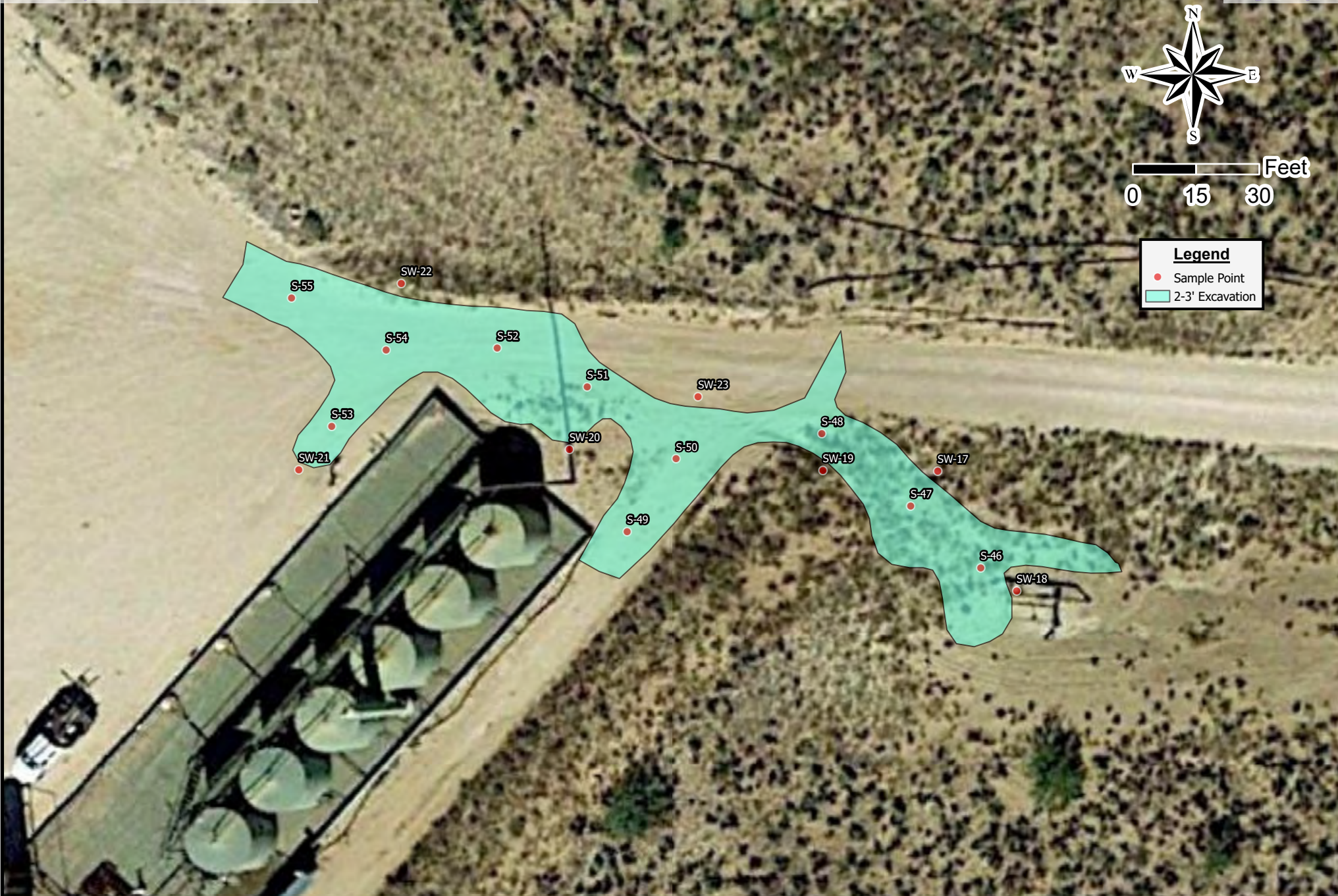
Drafted By: JAI

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



Drafted: 12/14/2021
1 in = 30 ft
Drafted By: JAI

Cimarex Energy Co. of Colorado
API #30-025-40534
OCD Incident #nAPP2122123399
Lea County, NM
Figure 3 - Behind Battery Confirmation Map



Drafted: 12/14/2021

1 in = 30 ft

Drafted By: JAI

Cimarex Energy Co. of Colorado

API #30-025-40534

OCD Incident #nAPP2122123399

Lea County, NM

Figure 4 - Road/Well Pad Confirmation Map

National Flood Hazard Layer FIRMette



103°41'27"W 32°20'38"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

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

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		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
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 unmapped and unmodernized areas cannot be used for regulatory purposes.



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



Drafted: 12/14/2021

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



Copyright:© 2013 National Geographic Society, i-cubed



Drafted: 12/14/2021

1 in = 1,000 ft

Drafted By: JAI

Cimarex Energy Co. of Colorado
API #30-025-40534
OCD Incident #nAPP2122123399
Lea County, NM
Figure 7 - Topographic Map



APPENDIX II

GROUNDWATER DATA

SOIL SURVEY



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has been replaced,
O=orphaned,

C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Sub-basin	County	Q 6	Q 4	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C_02349		CUB	ED	2	3	03	23S	32E			625678	3578004*	2133	525		
C_02939		C	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	ED	3	4	4	26	22S	31E		618250	3580606*	5739	938		

Average Depth to Water: **400 feet**

Minimum Depth: **400 feet**

Maximum Depth: **400 feet**

Record 5

Count:

UTM NAD83 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

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

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

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

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

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

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: Cimarex Energy Co. of Colorado	OGRID: 162683
Contact Name: Laci Luig	Contact Telephone: (432) 571-7800
Contact email: lluig@cimarex.com	Incident # (assigned by OCD) nAPP2122123399
Contact mailing address: 600 N Marienfeld Street, Ste. 600 Midland, TX 79701	

Location of Release Source

Latitude 32.33921 _____ Longitude -103.68561 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Red Tank 4 Federal 1	Site Type: Battery
Date Release Discovered: 8/5/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
D	4	23S	32E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 75	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Material Failure

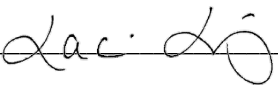
A poly flow line developed a hole causing the release. Spilled 75 barrels of produced water outside containment (according to production numbers), recovered 0. A small amount of produced water did get off the pad.

Incident ID	nAPP2122123399
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Total amount released is greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By: Gloria Garza To: Mike Bratcher, Cristina Eads, Jim Griswold, Robert Hamlet, District 1 Spills and BLM By: Email	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Laci Luig	Title: ESH Specialist
Signature: 	Date: 8/9/2021
email: llui@cimarex.com	Telephone: (432) 208-3035
<u>OCD Only</u>	
Received by: Ramona Marcus	Date: 8/20/2021

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.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>486</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

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

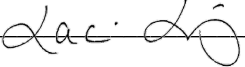
State of New Mexico
Oil Conservation Division

Page 4

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_____

Incident ID	nAPP2122123399
District RP	
Facility ID	
Application ID	

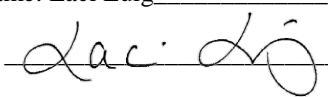
Closure

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.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities


I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Laci Luig _____ Title: ESH Specialist _____
Signature:  _____ Date: 34B84243 _____
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

Curtis and Curtis Seed

4500 NEM 88101

Phone: (575) 762-4759

www.curtisseed.com

H & R Enterprises
15 Acre BLM LPC Mix, Broadcast Rate
30 - 0.50 Acre Bags @ 27.09 Bulk Pounds Each

Lot#: M-15563

<u>Item</u>	<u>Origin</u>	<u>Purity</u>	<u>Germ</u>	<u>Dormant</u>	<u>Total Germination</u>	<u>Test Date</u>	<u>Total PLS Pounds</u>
Plains Bristlegrass	Texas	19.22%	18.00%	78.00%	96.00%	07/18	150.00
Variety Not Stated							
Sand Bluestem	Nebraska	18.65%	95.00%	4.00%	99.00%	08/18	150.00
Goldstriker							
Little Bluestem	Kansas	11.53%	36.00%	60.00%	96.00%	12/18	90.00
Cimarron							
Big Bluestem	Texas	23.07%	96.00%	0.00%	96.00%	11/18	180.00
Kew							
Coreopsis	Oregon	7.77%	71.00%	24.00%	95.00%	09/18	60.00
Plains							
Sand Dropseed	Colorado	4.06%	15.00%	76.00%	91.00%	02/19	30.00
Variety Not Stated							
Other Crop:	0.01%	There Are 30 Bags For This Mix			Total Bulk Pounds:		812.62
Weed Seed:	0.02%	This Bag Weighs 27.09 Bulk Pounds					
Inert Matter:	15.67%	Use This Bag For 0.50 Acres					



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
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-1 0-1'

Project: Red Tank 4 Fed 1

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

Lab ID: 2108418-001

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	4800	300		mg/Kg	100	8/13/2021 7:01:41 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-2 0-1'

Project: Red Tank 4 Fed 1

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

Lab ID: 2108418-003

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	2600	150		mg/Kg	50	8/13/2021 7:38:44 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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	ND	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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2108418-004
Matrix: SOIL
Client Sample ID: S-2 2'
Collection Date: 8/6/2021 11:05:00 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	92	60		mg/Kg	20	8/13/2021 11:24:37 AM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL	Practical Quantitative Limit	RL Reporting Limit
S	% Recovery outside of range due to dilution or matrix	

Analytical Report

Lab Order 2108418

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

Lab ID: 2108418-005

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	4600	150		mg/Kg	50	8/13/2021 7:51:05 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	8/11/2021 11:36:20 AM	61890
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	8/11/2021 11:36:20 AM	61890
Surr: DNOP	98.8	70-130		%Rec	1	8/11/2021 11:36:20 AM	61890
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/12/2021 1:16:00 AM	61883
Surr: BFB	88.9	70-130		%Rec	1	8/12/2021 1:16:00 AM	61883
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/12/2021 1:16:00 AM	61883
Toluene	ND	0.049		mg/Kg	1	8/12/2021 1:16:00 AM	61883
Ethylbenzene	ND	0.049		mg/Kg	1	8/12/2021 1:16:00 AM	61883
Xylenes, Total	ND	0.098		mg/Kg	1	8/12/2021 1:16:00 AM	61883
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: S-3 3'
Project: Red Tank 4 Fed 1 Collection Date: 8/6/2021 11:25:00 AM
Lab ID: 2108418-007 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	7000	300		mg/Kg	100	8/13/2021 8:15:47 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Limit
	S % Recovery outside of range due to dilution or matrix	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2108418-008
Matrix: SOIL
Client Sample ID: S-4 0-1'
Collection Date: 8/6/2021 11:35:00 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	2300	150		mg/Kg	50	8/13/2021 8:28:08 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2108418-009
Matrix: SOIL
Client Sample ID: S-4 2'
Collection Date: 8/6/2021 11:40:00 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	3900	150		mg/Kg	50	8/13/2021 8:40:28 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

CLIENT: Talon Artesia

Client Sample ID: S-4 3'

Project: Red Tank 4 Fed 1

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

Lab ID: 2108418-010

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	4500	300		mg/Kg	100	8/13/2021 8:52:51 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/11/2021 12:34:32 PM	61890
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/11/2021 12:34:32 PM	61890
Surr: DNOP	102	70-130		%Rec	1	8/11/2021 12:34:32 PM	61890
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/12/2021 3:36:00 AM	61883
Surr: BFB	92.6	70-130		%Rec	1	8/12/2021 3:36:00 AM	61883
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/12/2021 3:36:00 AM	61883
Toluene	ND	0.049		mg/Kg	1	8/12/2021 3:36:00 AM	61883
Ethylbenzene	ND	0.049		mg/Kg	1	8/12/2021 3:36:00 AM	61883
Xylenes, Total	ND	0.098		mg/Kg	1	8/12/2021 3:36:00 AM	61883
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	8/12/2021 3:36:00 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2108418-011
Matrix: SOIL
Client Sample ID: S-5 0'1'
Collection Date: 8/6/2021 1:10:00 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	3300	150		mg/Kg	50	8/13/2021 9:05:11 PM	61952
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2108418-013
Matrix: SOIL
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 ORGANICS							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

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

Qualifiers:	•	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-6 0-1'

Project: Red Tank 4 Fed I

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

Lab ID: 2108418-014

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	2300	59		mg/Kg	20	8/14/2021 12:47:32 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-6 2'

Project: Red Tank 4 Fed 1

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

Lab ID: 2108418-015

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	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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed I
Lab ID: 2108418-016
Matrix: SOIL
Client Sample ID: S-6 3'
Collection Date: 8/6/2021 1:31:00 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	84	60		mg/Kg	20	8/14/2021 1:36:55 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

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

Project: Red Tank 4 Fed 1

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

Lab ID: 2108418-017

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: VP
Chloride	7100	300		mg/Kg	100	8/16/2021 11:31:16 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
Benzene	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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2108418

Date Reported: 8/18/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-8 0-1'

Project: Red Tank 4 Fed 1

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

Lab ID: 2108418-018

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: VP
Chloride	4300	150		mg/Kg	50	8/16/2021 11:43:37 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2108418-019
Matrix: SOIL
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 ORGANICS							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							Analyst: 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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	D	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2108418-021
Matrix: SOIL
Client Sample ID: BG-2 0-1'
Collection Date: 8/6/2021 10:05:00 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	ND	60		mg/Kg	20	8/14/2021 3:03:19 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2108418-022
Matrix: SOIL
Client Sample ID: BG-3 0-1'
Collection Date: 8/6/2021 10:10:00 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	ND	60		mg/Kg	20	8/14/2021 3:15:39 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/13/2021 6:13:40 PM	61961
Motor Oil Range Organics (MRO)	ND	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)	ND	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
Ethylbenzene	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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pfi Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2108418-025
Matrix: SOIL
Client Sample ID: BG-6 0-1'
Collection Date: 8/6/2021 2:15:00 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	1300	60		mg/Kg	20	8/14/2021 3:52:41 AM	61964
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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	SeqNo: 2839734 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61952	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61952	RunNo: 80531								
Prep Date: 8/13/2021	Analysis Date: 8/13/2021	SeqNo: 2839735 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.7	90	110			

Sample ID: MB-61964	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61964	RunNo: 80533								
Prep Date: 8/13/2021	Analysis Date: 8/13/2021	SeqNo: 2839814 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61964	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61964	RunNo: 80533								
Prep Date: 8/13/2021	Analysis Date: 8/13/2021	SeqNo: 2839815 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.3	90	110			

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

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

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-61890	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 61890	RunNo: 80464								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2836424		Units: mg/Kg						
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		99.0	70	130			

Sample ID: LCS-61890	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 61890	RunNo: 80464								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2836425		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.1	68.9	141			
Surr: DNOP	4.9		5.000		97.3	70	130			

Sample ID: MB-61961	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 61961	RunNo: 80519								
Prep Date: 8/13/2021	Analysis Date: 8/13/2021	SeqNo: 2840224		Units: mg/Kg						
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			

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

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 27 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-61883	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 61883	RunNo: 80471								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2836833		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		85.7	70	130			

Sample ID: lcs-61883	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 61883	RunNo: 80471								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2836868		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.1	78.6	131			
Surr: BFB	990		1000		99.1	70	130			

Sample ID: 2108418-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-1 0-1'	Batch ID: 61883	RunNo: 80471								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2836870		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-1 0-1'	Batch ID: 61883	RunNo: 80471								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2836872		Units: mg/Kg						
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 Date: 8/11/2021	SeqNo: 2837093		Units: mg/Kg						
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	SeqNo: 2837094		Units: mg/Kg						
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			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

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								
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								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.9	24.32	0	114	61.3	114	3.50	20	
Surr: BFB	1200		972.8		120	70	130	0	0	

Sample ID: lcs-61886	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 61886	RunNo: 80479								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2837114 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	104	78.6	131			
Surr: BFB	1200		1000		118	70	130			

Sample ID: mb-61886	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 61886	RunNo: 80479								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2837115 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		108	70	130			

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

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

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

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

Sample ID: 2108418-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-1 2'	Batch ID: 61883	RunNo: 80471								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2836916			Units: mg/Kg					
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: 2108418-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-1 2'	Batch ID: 61883	RunNo: 80471								
Prep Date: 8/10/2021	Analysis Date: 8/12/2021	SeqNo: 2836918			Units: mg/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	
Toluene	0.97	0.047	0.9390	0	103	80	120	3.41	20	
Ethylbenzene	0.99	0.047	0.9390	0	105	80	120	4.95	20	
Xylenes, 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	

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108418

18-Aug-21

Client: Talon Artesia
Project: Red Tank 4 Fed 1

Sample ID: 2108418-016ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-6 3'	Batch ID: 61886	RunNo: 80479								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2837200		Units: mg/Kg						
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			

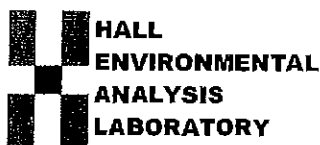
Sample ID: 2108418-016amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-6 3'	Batch ID: 61886	RunNo: 80479								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2837202		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 61886	RunNo: 80479								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2837235		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	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	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 61886	RunNo: 80479								
Prep Date: 8/10/2021	Analysis Date: 8/11/2021	SeqNo: 2837237		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		109	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |



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

Sample Log-In Check List

Client Name: Talon Artesia

Work Order Number: 2108418

RcptNo: 1

Received By: Cheyenne Cason 8/10/2021 7:30:00 AM

Completed By: Sean Livingston 8/10/2021 8:29:01 AM

Reviewed By: SPA 8.10.21

Chad

Sean Livingston

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: *KPG 8/10/21*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.8	Good				



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

August 24, 2021

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

RE: Red Tank 4 Fed 1 Red Tank

OrderNo.: 2108924

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 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
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1 Red Tank
Lab ID: 2108924-001
Matrix: SOIL
Client Sample ID: S-3 4'
Collection Date: 8/17/2021 10:51:00 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	390	60		mg/Kg	20	8/20/2021 6:44:59 PM	62096
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2108924

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-4 4'

Project: Red Tank 4 Fed 1 Red Tank

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

Lab ID: 2108924-002

Matrix: SOIL

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 ORGANICS							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.
	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

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 10

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1 Red Tank
Lab ID: 2108924-003
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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1 Red Tank
Lab ID: 2108924-005

Client Sample ID: BG-6 2'
Collection Date: 8/17/2021 11:00:00 AM
Received Date: 8/18/2021 8:35:00 AM

Matrix: SOIL

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 7:34:36 PM	62096
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1 Red Tank
Lab ID: 2108924-006
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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

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		RunNo: 80680						
Prep Date: 8/20/2021		Analysis Date: 8/20/2021		SeqNo: 2846896		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62096	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62096	RunNo: 80680								
Prep Date: 8/20/2021	Analysis Date: 8/20/2021	SeqNo: 2846897 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.6	90	110			

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108924

24-Aug-21

Client: Talon Artesia

Project: Red Tank 4 Fed 1 Red Tank

Sample ID: LCS-62059	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62059	RunNo: 80660								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2845382		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	105	68.9	141			
Surr: DNOP	5.5		5.000		109	70	130			

Sample ID: MB-62059	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62059	RunNo: 80660								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2845383		Units: mg/Kg						
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	14		10.00		139	70	130			S

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

- 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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108924

24-Aug-21

Client: Talon Artesia

Project: Red Tank 4 Fed 1 Red Tank

Sample ID: lcs-62057	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62057	RunNo: 80674								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2846131 Units: mg/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	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 62057	RunNo: 80674								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2846132 Units: mg/Kg								
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: lcs-62065	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62065	RunNo: 80674								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2846155 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		107	70	130			

Sample ID: mb-62065	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 62065	RunNo: 80674								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2846156 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	940		1000		94.1	70	130			

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

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

QC SUMMARY REPORT

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	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 62057	RunNo: 80674								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2846171			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	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 62057	RunNo: 80674								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2846172			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.84		1.000		83.5	70	130			

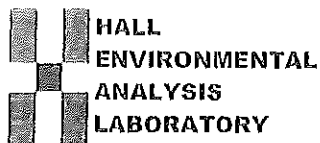
Sample ID: Ics-62065	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 62065	RunNo: 80674								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2846195			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.85		1.000		84.8	70	130			

Sample ID: mb-62065	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 62065	RunNo: 80674								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2846196			Units: %Rec					
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			

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

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



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

Sample Log-In Check List

Client Name: Talon Artesia Work Order Number: 2108924 RcptNo: 1

Received By: Cheyenne Cason 8/18/2021 8:35:00 AM *Chad*
Completed By: Isaiah Ortiz 8/18/2021 8:51:22 AM *Isaiah Ortiz*
Reviewed By: *JR 8/18/21*

Chain of Custody

- 1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
- 2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
- 4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐
- 5. Sample(s) in proper container(s)? Yes ☒ No ☐
- 6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
- 7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
- 8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
- 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☒
- 10. Were any sample containers received broken? Yes ☐ No ☒
- 11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
- 12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
- 13. Is it clear what analyses were requested? Yes ☒ No ☐
- 14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved bottles checked for pH: *1*
(<2 or >12 unless noted)
Adjusted? *NA*
Checked by: *KPH 8/18/21*

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.4	Good	Not Present			

Chain-of-Custody Record
 created by: QCD-7/10/2022 7:06:31AM

Client: Talon LPE

Mailing Address: 108 W. Tower Ave.

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:

- ☐ Standard
- ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)Cooler Temp (including CF): $S - 0.1 - S_H$

Date	Time	Matrix	Sample Name
------	------	--------	-------------

10:51	Soil	S-3 4'
-------	------	--------

10:42	S-4 4'
-------	--------

10:18 S-54

10:21	S-55
-------	------

11:00	BG-6 2'
-------	---------

11:05 BG-7 0-1'

Date:	Time:	Relinquished by:
-------	-------	------------------

3771

Date:	Time:	Relinquished by:
-------	-------	------------------

Received by:	Via:	Date	Time
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Received by:	Via:	Date	Time
--------------	------	------	------

Received by:	Via:	Date	Time
--------------	------	------	------

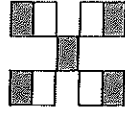
Received by:	Via:	Date	Time
--------------	------	------	------

$\frac{1}{\sqrt{2}}$

$\frac{1}{x}$

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 analytical report.

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



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

Remarks:



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

October 15, 2021

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

RE: Red Tank 4 Fed 1

OrderNo.: 2110477

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 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
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
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							Analyst: MRA
Chloride	94	61		mg/Kg	20	10/10/2021 4:40:42 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/11/2021 11:57:56 AM	63182
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/11/2021 11:57:56 AM	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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2110477-002
Matrix: SOIL
Client Sample ID: S-2 5'
Collection Date: 10/5/2021 10:05:00 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: MRA
Chloride	88	60		mg/Kg	20	10/10/2021 4:53:06 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/11/2021 12:29:49 PM	63182
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/11/2021 12:29:49 PM	63182
Surr: DNOP	98.7	70-130		%Rec	1	10/11/2021 12:29:49 PM	63182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/12/2021 3:42:00 AM	63168
Surr: BFB	94.7	70-130		%Rec	1	10/12/2021 3:42:00 AM	63168
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/12/2021 3:42:00 AM	63168
Toluene	ND	0.046		mg/Kg	1	10/12/2021 3:42:00 AM	63168
Ethylbenzene	ND	0.046		mg/Kg	1	10/12/2021 3:42:00 AM	63168
Xylenes, Total	ND	0.093		mg/Kg	1	10/12/2021 3:42:00 AM	63168
Surr: 4-Bromofluorobenzene	81.7	70-130		%Rec	1	10/12/2021 3:42:00 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-3 5'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-003

Matrix: SOIL

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

Analyses	Result	RL	Qnal	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	87	60		mg/Kg	20	10/10/2021 5:05:31 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
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	10/11/2021 12:40:32 PM	63182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/12/2021 4:02:00 AM	63168
Surr: BFB	92.7	70-130		%Rec	1	10/12/2021 4:02:00 AM	63168
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/12/2021 4:02:00 AM	63168
Toluene	ND	0.047		mg/Kg	1	10/12/2021 4:02:00 AM	63168
Ethylbenzene	ND	0.047		mg/Kg	1	10/12/2021 4:02:00 AM	63168
Xylenes, Total	ND	0.094		mg/Kg	1	10/12/2021 4:02:00 AM	63168
Surr: 4-Bromofluorobenzene	82.6	70-130		%Rec	1	10/12/2021 4:02:00 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	II	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2110477-004
Matrix: SOIL
Client Sample ID: S-4 7'
Collection Date: 10/5/2021 10:15:00 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	300	60		mg/Kg	20	10/10/2021 5:42:44 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/11/2021 12:51:17 PM	63182
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/11/2021 12:51:17 PM	63182
Surr: DNOP	105	70-130		%Rec	1	10/11/2021 12:51:17 PM	63182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/12/2021 4:22:00 AM	63168
Surr: BFB	91.4	70-130		%Rec	1	10/12/2021 4:22:00 AM	63168
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 4:22:00 AM	63168
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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2110477-005
Matrix: SOIL
Client Sample ID: S-5 10'
Collection Date: 10/6/2021 8:30:00 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: MRA
Chloride	220	60		mg/Kg	20	10/10/2021 5:55:08 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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		mg/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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2110477-006
Matrix: SOIL
Client Sample ID: S-6 10'
Collection Date: 10/6/2021 8:35:00 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: MRA
Chloride	220	61		mg/Kg	20	10/10/2021 6:07:32 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	HI	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2110477-007
Matrix: SOIL
Client Sample ID: S-7 10'
Collection Date: 10/6/2021 8:40:00 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	310	60		mg/Kg	20	10/10/2021 6:19:57 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/11/2021 1:23:39 PM	63182
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/11/2021 1:23:39 PM	63182
Surr: DNOP	106	70-130		%Rec	1	10/11/2021 1:23:39 PM	63182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/12/2021 5:21:00 AM	63168
Surr: BFB	93.1	70-130		%Rec	1	10/12/2021 5:21:00 AM	63168
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 5:21:00 AM	63168
Toluene	ND	0.048		mg/Kg	1	10/12/2021 5:21:00 AM	63168
Ethylbenzene	ND	0.048		mg/Kg	1	10/12/2021 5:21:00 AM	63168
Xylenes, Total	ND	0.096		mg/Kg	1	10/12/2021 5:21:00 AM	63168
Surr: 4-Bromofluorobenzene	82.8	70-130		%Rec	1	10/12/2021 5:21:00 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2110477-008
Matrix: SOIL
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 ORGANICS							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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

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 ORGANICS							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	ND	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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2110477-010
Matrix: SOIL
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 ORGANICS							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)	ND	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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2110477-011
Matrix: SOIL
Client Sample ID: S-11 3-4'
Collection Date: 10/6/2021 9:00:00 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: MRA
Chloride	300	60		mg/Kg	20	10/10/2021 7:09:35 PM	63179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/11/2021 2:07:05 PM	63182
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/11/2021 2:07:05 PM	63182
Surr: DNOP	127	70-130		%Rec	1	10/11/2021 2:07:05 PM	63182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/12/2021 10:05:00 AM	63168
Surr: BFB	89.4	70-130		%Rec	1	10/12/2021 10:05:00 AM	63168
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 10:05:00 AM	63168
Toluene	ND	0.048		mg/Kg	1	10/12/2021 10:05:00 AM	63168
Ethylbenzene	ND	0.048		mg/Kg	1	10/12/2021 10:05:00 AM	63168
Xylenes, Total	ND	0.096		mg/Kg	1	10/12/2021 10:05:00 AM	63168
Surr: 4-Bromofluorobenzene	82.5	70-130		%Rec	1	10/12/2021 10:05:00 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-12 3-4'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-012

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	280	60		mg/Kg	20	10/11/2021 9:08:35 AM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Red Tank 4 Fed 1
Lab ID: 2110477-013
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 ORGANICS							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	63168
Surr: BFB	97.7	70-130		%Rec	1	10/12/2021 10:45:00 AM	63168
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 10:45:00 AM	63168
Toluene	ND	0.049		mg/Kg	1	10/12/2021 10:45:00 AM	63168
Ethylbenzene	ND	0.049		mg/Kg	1	10/12/2021 10:45:00 AM	63168
Xylenes, Total	ND	0.097		mg/Kg	1	10/12/2021 10:45:00 AM	63168
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	10/12/2021 10:45:00 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

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							Analyst: VP
Chloride	ND	60		mg/Kg	20	10/11/2021 10:23:03 AM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/11/2021 2:39:40 PM	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							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/12/2021 11:05:00 AM	63168
Surr: BFB	94.1	70-130		%Rec	1	10/12/2021 11:05:00 AM	63168
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 11:05:00 AM	63168
Toluene	ND	0.048		mg/Kg	1	10/12/2021 11:05:00 AM	63168
Ethylbenzene	ND	0.048		mg/Kg	1	10/12/2021 11:05:00 AM	63168
Xylenes, Total	ND	0.096		mg/Kg	1	10/12/2021 11:05:00 AM	63168
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	10/12/2021 11:05:00 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pHI Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-15 3-4'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-015

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 10:35:27 AM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/11/2021 2:50:33 PM	63182
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/11/2021 2:50:33 PM	63182
Surr: DNOP	114	70-130		%Rec	1	10/11/2021 2:50:33 PM	63182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/12/2021 11:24:00 AM	63168
Surr: BFB	89.5	70-130		%Rec	1	10/12/2021 11:24:00 AM	63168
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.023		mg/Kg	1	10/12/2021 11:24:00 AM	63168
Toluene	ND	0.046		mg/Kg	1	10/12/2021 11:24:00 AM	63168
Ethylbenzene	ND	0.046		mg/Kg	1	10/12/2021 11:24:00 AM	63168
Xylenes, Total	ND	0.093		mg/Kg	1	10/12/2021 11:24:00 AM	63168
Surr: 4-Bromofluorobenzene	80.7	70-130		%Rec	1	10/12/2021 11:24:00 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
- 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

- 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

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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 AM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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 AM	63168
Surr: BFB	88.5	70-130		%Rec	1	10/12/2021 11:44:00 AM	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	63168
Ethylbenzene	ND	0.049		mg/Kg	1	10/12/2021 11:44:00 AM	63168
Xylenes, Total	ND	0.098		mg/Kg	1	10/12/2021 11:44:00 AM	63168
Surr: 4-Bromofluorobenzene	81.1	70-130		%Rec	1	10/12/2021 11:44:00 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	310	59		mg/Kg	20	10/11/2021 11:25:06 AM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
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	10/11/2021 3:12:28 PM	63182
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/12/2021 12:04:00 PM	63168
Surr: BFB	89.9	70-130		%Rec	1	10/12/2021 12:04:00 PM	63168
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 12:04:00 PM	63168
Toluene	ND	0.048		mg/Kg	1	10/12/2021 12:04:00 PM	63168
Ethylbenzene	ND	0.048		mg/Kg	1	10/12/2021 12:04:00 PM	63168
Xylenes, Total	ND	0.097		mg/Kg	1	10/12/2021 12:04:00 PM	63168
Surr: 4-Bromofluorobenzene	80.4	70-130		%Rec	1	10/12/2021 12:04:00 PM	63168

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-18 3-4'

Project: Red Tank 4 Fed 1

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							Analyst: VP
Chloride	320	60		mg/Kg	20	10/11/2021 11:37:31 AM	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 RANGE							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
Benzene	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.

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

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 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 I

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 ORGANICS							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.
- 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

- 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 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-20 3-4'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-020

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 12:02:20 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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	63172
Surr: BFB	97.6	70-130		%Rec	1	10/11/2021 11:59:31 PM	63172
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/11/2021 11:59:31 PM	63172
Toluene	ND	0.049		mg/Kg	1	10/11/2021 11:59:31 PM	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	63172
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	10/11/2021 11:59:31 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

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 Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	320	60		mg/Kg	20	10/11/2021 12:14:45 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel 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	63172
Surr: BFB	94.3	70-130		%Rec	1	10/12/2021 12:23:14 AM	63172
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/12/2021 12:23:14 AM	63172
Toluene	ND	0.050		mg/Kg	1	10/12/2021 12:23:14 AM	63172
Ethylbenzene	ND	0.050		mg/Kg	1	10/12/2021 12:23:14 AM	63172
Xylenes, Total	ND	0.099		mg/Kg	1	10/12/2021 12:23:14 AM	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.
	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

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

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Analytical Report

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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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 I

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	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	310	60		mg/Kg	20	10/11/2021 12:39:34 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/11/2021 5:45:08 PM	63183
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/11/2021 5:45:08 PM	63183
Surr: DNOP	127	70-130		%Rec	1	10/11/2021 5:45:08 PM	63183
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/12/2021 1:10:26 AM	63172
Surr: BFB	97.5	70-130		%Rec	1	10/12/2021 1:10:26 AM	63172
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/12/2021 1:10:26 AM	63172
Toluene	ND	0.050		mg/Kg	1	10/12/2021 1:10:26 AM	63172
Ethylbenzene	ND	0.050		mg/Kg	1	10/12/2021 1:10:26 AM	63172
Xylenes, Total	ND	0.099		mg/Kg	1	10/12/2021 1:10:26 AM	63172
Surr: 4-Bromofluorobenzene	86.9	70-130		%Rec	1	10/12/2021 1:10:26 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-24 3-4'

Project: Red Tank 4 Fed 1

Collection Date: 10/5/2021 9:15:00 AM

Lab ID: 2110477-024

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	330	60		mg/Kg	20	10/11/2021 12:51:58 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/11/2021 5:56:02 PM	63183
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/11/2021 5:56:02 PM	63183
Surr: DNOP	124	70-130		%Rec	1	10/11/2021 5:56:02 PM	63183
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/12/2021 1:33:56 AM	63172
Surr: BFB	99.2	70-130		%Rec	1	10/12/2021 1:33:56 AM	63172
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	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
Xylenes, Total	ND	0.092		mg/Kg	1	10/12/2021 1:33:56 AM	63172
Surr: 4-Bromofluorobenzene	88.5	70-130		%Rec	1	10/12/2021 1:33:56 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-26 3-4'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-026

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	150	60		mg/Kg	20	10/11/2021 1:41:36 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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	ND	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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-27 3-4'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-027

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	150	61		mg/Kg	20	10/11/2021 1:54:01 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-28 3-4'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-028

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	150	60		mg/Kg	20	10/11/2021 2:06:26 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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 I

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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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	Qual	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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-31 3-4'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-031

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	61		mg/Kg	20	10/11/2021 2:43:40 PM	63189
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/11/2021 7:12:06 PM	63183
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/11/2021 7:12:06 PM	63183
Surr: DNOP	123	70-130		%Rec	1	10/11/2021 7:12:06 PM	63183
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/12/2021 4:43:15 AM	63172
Surr: BFB	98.2	70-130		%Rec	1	10/12/2021 4:43:15 AM	63172
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/12/2021 4:43:15 AM	63172
Toluene	ND	0.046		mg/Kg	1	10/12/2021 4:43:15 AM	63172
Ethylbenzene	ND	0.046		mg/Kg	1	10/12/2021 4:43:15 AM	63172
Xylenes, Total	ND	0.092		mg/Kg	1	10/12/2021 4:43:15 AM	63172
Surr: 4-Bromofluorobenzene	87.2	70-130		%Rec	1	10/12/2021 4:43:15 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-32 3-4'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-032

Matrix: SOIL

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 ORGANICS							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
- 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

- 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

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Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-33 3-4'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-033

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	300	60		mg/Kg	20	10/11/2021 4:13:56 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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	63172
Surr: BFB	105	70-130		%Rec	1	10/12/2021 12:00:06 PM	63172
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/12/2021 12:00:06 PM	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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

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 ORGANICS							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	63172
Surr: BFB	97.8	70-130		%Rec	1	10/12/2021 12:23:44 PM	63172
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/12/2021 12:23:44 PM	63172
Toluene	ND	0.048		mg/Kg	1	10/12/2021 12:23:44 PM	63172
Ethylbenzene	ND	0.048		mg/Kg	1	10/12/2021 12:23:44 PM	63172
Xylenes, Total	ND	0.096		mg/Kg	1	10/12/2021 12:23:44 PM	63172
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	10/12/2021 12:23:44 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-35 3-4'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-035

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	75	60		mg/Kg	20	10/11/2021 4:38:45 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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	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	63172
Toluene	ND	0.046		mg/Kg	1	10/12/2021 12:47:12 PM	63172
Ethylbenzene	ND	0.046		mg/Kg	1	10/12/2021 12:47:12 PM	63172
Xylenes, Total	ND	0.091		mg/Kg	1	10/12/2021 12:47:12 PM	63172
Surr: 4-Bromofluorobenzene	86.3	70-130		%Rec	1	10/12/2021 12:47:12 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-36 3'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-036

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	61		mg/Kg	20	10/11/2021 4:51:10 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-37 3'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-037

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	60		mg/Kg	20	10/11/2021 5:03:35 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	11	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	II	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N.SW-1 10'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-039

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	150	60		mg/Kg	20	10/11/2021 5:28:25 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/11/2021 11:11:58 AM	63186
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/11/2021 11:11:58 AM	63186
Surr: DNOP	98.6	70-130		%Rec	1	10/11/2021 11:11:58 AM	63186
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/12/2021 3:01:00 PM	63174
Surr: BFB	88.6	70-130		%Rec	1	10/12/2021 3:01:00 PM	63174
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 3:01:00 PM	63174
Toluene	ND	0.047		mg/Kg	1	10/12/2021 3:01:00 PM	63174
Ethylbenzene	ND	0.047		mg/Kg	1	10/12/2021 3:01:00 PM	63174
Xylenes, Total	ND	0.094		mg/Kg	1	10/12/2021 3:01:00 PM	63174
Surr: 4-Bromofluorobenzene	77.6	70-130		%Rec	1	10/12/2021 3:01:00 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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'

Project: Red Tank 4 Fed 1

Collection Date: 10/5/2021 11:15:00 AM

Lab ID: 2110477-040

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	300	60		mg/Kg	20	10/11/2021 5:40:49 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

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

Project: Red Tank 4 Fed 1

Collection Date: 10/5/2021 11:20:00 AM

Lab ID: 2110477-041

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	150	60		mg/Kg	20	10/11/2021 5:53:14 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/11/2021 11:58:57 AM	63186
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/11/2021 11:58:57 AM	63186
Surr: DNOP	93.7	70-130		%Rec	1	10/11/2021 11:58:57 AM	63186
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/12/2021 4:19:00 PM	63174
Surr: BFB	90.2	70-130		%Rec	1	10/12/2021 4:19:00 PM	63174
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	10/12/2021 4:19:00 PM	63174
Toluene	ND	0.048		mg/Kg	1	10/12/2021 4:19:00 PM	63174
Ethylbenzene	ND	0.048		mg/Kg	1	10/12/2021 4:19:00 PM	63174
Xylenes, Total	ND	0.096		mg/Kg	1	10/12/2021 4:19:00 PM	63174
Surr: 4-Bromofluorobenzene	82.6	70-130		%Rec	1	10/12/2021 4:19:00 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RI	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

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

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-042

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	59		mg/Kg	20	10/11/2021 6:30:28 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/11/2021 12:22:37 PM	63186
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/11/2021 12:22:37 PM	63186
Surr: DNOP	102	70-130		%Rec	1	10/11/2021 12:22:37 PM	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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S.SW-1 5'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-043

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 6:42:54 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
Benzene	ND	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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-044

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	67	61		mg/Kg	20	10/11/2021 6:55:18 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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	63174
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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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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	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	200	60		mg/Kg	20	10/11/2021 7:07:42 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: 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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

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

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-046

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

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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: E.SW-2 10'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-048

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	81	60		mg/Kg	20	10/11/2021 7:44:55 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: E.SW-3 10'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-049

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 7:57:19 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: 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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: E.SW-4 3'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-050

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	160	61		mg/Kg	20	10/11/2021 8:34:33 PM	63191
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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	70-130		%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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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 ORGANICS							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)	ND	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	ND	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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2110477

Date Reported: 10/15/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: W.SW-2 10'

Project: Red Tank 4 Fed 1

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

Lab ID: 2110477-052

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	180	60		mg/Kg	20	10/12/2021 1:52:50 PM	63203
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	10/11/2021 4:47:30 PM	63186
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/11/2021 4:47:30 PM	63186
Surr: DNOP	97.9	70-130		%Rec	1	10/11/2021 4:47:30 PM	63186
EPA METHOD 8015D: GASOLINE RANGE							Analyst: 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

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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 ORGANICS							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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	290	59		mg/Kg	20	10/12/2021 2:17:33 PM	63203
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/11/2021 5:35:51 PM	63186
Motor Oil Range Organics (MRO)	ND	49		mg/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		mg/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		mg/Kg	1	10/12/2021 9:14:00 PM	63174
Toluene	ND	0.048		mg/Kg	1	10/12/2021 9:14:00 PM	63174
Ethylbenzene	ND	0.048		mg/Kg	1	10/12/2021 9:14:00 PM	63174
Xylenes, Total	ND	0.096		mg/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.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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-63179	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63179	RunNo: 81936								
Prep Date: 10/10/2021	Analysis Date: 10/10/2021	SeqNo: 2900275 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63179	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63179	RunNo: 81936								
Prep Date: 10/10/2021	Analysis Date: 10/10/2021	SeqNo: 2900276 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

Sample ID: MB-63189	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 63189	RunNo: 81953								
Prep Date: 10/11/2021	Analysis Date: 10/11/2021	SeqNo: 2901165 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63189	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63189	RunNo: 81953								
Prep Date: 10/11/2021	Analysis Date: 10/11/2021	SeqNo: 2901166 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.3	90	110			

Sample ID: MB-63191		SampType: MBLK		TestCode: EPA Method 300.0: Anions						
Client ID: PBS		Batch ID: 63191		RunNo: 81953						
Prep Date: 10/11/2021		Analysis Date: 10/11/2021		SeqNo: 2901196			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63191	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63191	RunNo: 81953								
Prep Date: 10/11/2021	Analysis Date: 10/11/2021	SeqNo: 2901197 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	90	110			

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

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

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		Analysis Date: 10/12/2021		SeqNo: 2903835		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-63203	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 63203	RunNo: 81980								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2903836 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.3	90	110			

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110477

15-Oct-21

Client: Talon Artesia
Project: Red Tank 4 Fed I

Sample ID: 2110477-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-1	Batch ID: 63182	RunNo: 81947								
Prep Date: 10/10/2021	Analysis Date: 10/11/2021	SeqNo: 2900974 Units: mg/Kg								
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: 2110477-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-1	Batch ID: 63182	RunNo: 81947								
Prep Date: 10/10/2021	Analysis Date: 10/11/2021	SeqNo: 2900975 Units: mg/Kg								
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	
Surr: DNOP	5.0		4.591		108	70	130	0	0	

Sample ID: LCS-63182	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63182	RunNo: 81947								
Prep Date: 10/10/2021	Analysis Date: 10/11/2021	SeqNo: 2900985 Units: mg/Kg								
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	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63182	RunNo: 81947								
Prep Date: 10/10/2021	Analysis Date: 10/11/2021	SeqNo: 2900986 Units: mg/Kg								
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	12		10.00		118	70	130			

Sample ID: 2110477-038AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-38 3'	Batch ID: 63186	RunNo: 81963								
Prep Date: 10/10/2021	Analysis Date: 10/11/2021	SeqNo: 2901745 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.8	49.02	0	93.5	39.3	155			
Surr: DNOP	4.9		4.902		100	70	130			

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110477

15-Oct-21

Client: Talon Artesia
Project: Red Tank 4 Fed I

Sample ID: 2110477-038AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-38 3'	Batch ID: 63186	RunNo: 81963								
Prep Date: 10/10/2021	Analysis Date: 10/11/2021	SeqNo: 2901746		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (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: MB-63186	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63186	RunNo: 81963								
Prep Date: 10/10/2021	Analysis Date: 10/11/2021	SeqNo: 2901767		Units: mg/Kg						
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	9.6		10.00		95.9	70	130			

Sample ID: LCS-63186	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63186	RunNo: 81963								
Prep Date: 10/10/2021	Analysis Date: 10/11/2021	SeqNo: 2901768		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.7	68.9	135			
Surr: DNOP	4.8		5.000		96.1	70	130			

Sample ID: LCS-63183	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 63183	RunNo: 81947								
Prep Date: 10/10/2021	Analysis Date: 10/11/2021	SeqNo: 2901839		Units: mg/Kg						
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	6.1		5.000		121	70	130			

Sample ID: MB-63183	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 63183	RunNo: 81947								
Prep Date: 10/10/2021	Analysis Date: 10/11/2021	SeqNo: 2901840		Units: mg/Kg						
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	10		10.00		103	70	130			

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

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

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-63172	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63172	RunNo: 81952								
Prep Date: 10/9/2021	Analysis Date: 10/11/2021	SeqNo: 2901096 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		97.5	70	130			

Sample ID: lcs-63172	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 63172	RunNo: 81952								
Prep Date: 10/9/2021	Analysis Date: 10/11/2021	SeqNo: 2901097 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	78.6	131			
Surr: BFB	1100		1000		105	70	130			

Sample ID: 2110477-018ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-18 3-4'	Batch ID: 63172	RunNo: 81952								
Prep Date: 10/9/2021	Analysis Date: 10/11/2021	SeqNo: 2901099 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.68	0	102	61.3	114			
Surr: BFB	1000		987.2		105	70	130			

Sample ID: 2110477-018amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-18 3-4'	Batch ID: 63172	RunNo: 81952								
Prep Date: 10/9/2021	Analysis Date: 10/11/2021	SeqNo: 2901100 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	24.22	0	99.0	61.3	114	5.08	20	
Surr: BFB	1000		969.0		107	70	130	0	0	

Sample ID: mb-63161	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63161	RunNo: 81954								
Prep Date: 10/8/2021	Analysis Date: 10/11/2021	SeqNo: 2901240 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	990		1000		98.6	70	130			

Sample ID: mb-63168	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63168	RunNo: 81954								
Prep Date: 10/8/2021	Analysis Date: 10/12/2021	SeqNo: 2901241 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								

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

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

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-63168	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63168	RunNo: 81954								
Prep Date: 10/8/2021	Analysis Date: 10/12/2021	SeqNo: 2901241 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	910		1000		91.0	70	130			

Sample ID: lcs-63161	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 63161	RunNo: 81954								
Prep Date: 10/8/2021	Analysis Date: 10/11/2021	SeqNo: 2901242 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		106	70	130			

Sample ID: lcs-63168	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 63168	RunNo: 81954								
Prep Date: 10/8/2021	Analysis Date: 10/12/2021	SeqNo: 2901243 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	78.6	131			
Surr: BFB	1100		1000		106	70	130			

Sample ID: 2110477-038ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-38 3'	Batch ID: 63174	RunNo: 81968								
Prep Date: 10/9/2021	Analysis Date: 10/12/2021	SeqNo: 2902617 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.7	23.63	0	119	61.3	114			S
Surr: BFB	1000		945.2		109	70	130			

Sample ID: 2110477-038amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-38 3'	Batch ID: 63174	RunNo: 81968								
Prep Date: 10/9/2021	Analysis Date: 10/12/2021	SeqNo: 2902618 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	4.8	23.99	0	113	61.3	114	4.38	20	
Surr: BFB	1000		959.7		105	70	130	0	0	

Sample ID: mb-63174	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63174	RunNo: 81968								
Prep Date: 10/9/2021	Analysis Date: 10/12/2021	SeqNo: 2902623 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.0	70	130			

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2110477

15-Oct-21

Client: Talon Artesia
Project: Red Tank 4 Fed 1

Sample ID: lcs-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	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	78.6	131			
Surr: BFB	1000		1000		102	70	130			

Sample ID: mb-63212	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63212	RunNo: 81976								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2902815		Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	940		1000		94.3	70	130			

Sample ID: lcs-63212	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 63212	RunNo: 81976								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2902816		Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		107	70	130			

Sample ID: mb-63214	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 63214	RunNo: 81968								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2903036		Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	880		1000		87.7	70	130			

Sample ID: lcs-63214	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 63214	RunNo: 81968								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2903040		Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		107	70	130			

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

- U 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

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-63172	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63172	RunNo: 81952								
Prep Date: 10/9/2021	Analysis Date: 10/11/2021	SeqNo: 2901144 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.87		1.000		87.1	70	130			

Sample ID: LCS-63172	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63172	RunNo: 81952								
Prep Date: 10/9/2021	Analysis Date: 10/11/2021	SeqNo: 2901145			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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-Bromofluorobenzene	0.86		1.000		86.3	70	130			

Sample ID: 2110477-019ams		SampType: MS		TestCode: EPA Method 8021B: Volatiles						
Client ID: S-19 3-4'		Batch ID: 63172		RunNo: 81952						
Prep Date: 10/9/2021		Analysis Date: 10/11/2021		SeqNo: 2901148			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	0.9970	0	86.6	80	120			
Toluene	0.88	0.050	0.9970	0	88.1	80	120			
Ethylbenzene	0.88	0.050	0.9970	0	88.3	80	120			
Xylenes, Total	2.6	0.10	2.991	0	86.7	80	120			
Surr: 4-Bromofluorobenzene	0.88		0.9970		88.3	70	130			

Sample ID: 2110477-019amsd		SampType: MSD		TestCode: EPA Method 8021B: Volatiles						
Client ID: S-19 3-4'		Batch ID: 63172		RunNo: 81952						
Prep Date: 10/9/2021		Analysis Date: 10/11/2021		SeqNo: 2901149		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.024	0.9728	0	91.6	80	120	3.14	20	
Toluene	0.91	0.049	0.9728	0	93.2	80	120	3.19	20	
Ethylbenzene	0.91	0.049	0.9728	0	93.5	80	120	3.23	20	
Xylenes, Total	2.7	0.097	2.918	0	91.2	80	120	2.65	20	
Surr: 4-Bromofluorobenzene	0.85		0.9728		87.3	70	130	0	0	

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

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

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-63161		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS		Batch ID: 63161		RunNo: 81954						
Prep Date: 10/8/2021		Analysis Date: 10/11/2021		SeqNo: 2901288		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.83		1.000		82.6	70	130			

Sample ID: mb-63168	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63168	RunNo: 81954								
Prep Date: 10/8/2021	Analysis Date: 10/12/2021	SeqNo: 2901289			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	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: lcs-63161		SampType: LCS		TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS		Batch ID: 63161		RunNo: 81954						
Prep Date: 10/8/2021		Analysis Date: 10/11/2021		SeqNo: 2901290			Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.81		1.000		80.8	70	130			

Sample ID: lcs-63168	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63168	RunNo: 81954								
Prep Date: 10/8/2021	Analysis Date: 10/12/2021	SeqNo: 2901291			Units: mg/Kg					
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: 2110477-039ams		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	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.023	0.9363	0	101	80	120			
Toluene	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			

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

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

QC 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	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.70		0.9363		75.1	70	130			

Sample ID: mb-63174		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS		Batch ID: 63174		RunNo: 81968						
Prep Date: 10/9/2021		Analysis Date: 10/12/2021		SeqNo: 2902625		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	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: lcs-63174		SampType: LCS			TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS		Batch ID: 63174			RunNo: 81968					
Prep Date: 10/9/2021		Analysis Date: 10/12/2021			SeqNo: 2902626		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.3	80	120			
Toluene	1.0	0.050	1.000	0	99.7	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.5	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.4	80	120			
Surr: 4-Bromofluorobenzene	0.78		1.000		78.2	70	130			

Sample ID: 2110477-039amsd		SampType: MSD		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: 2902653		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.024	0.9470	0	103	80	120	3.25	20	
Toluene	0.97	0.047	0.9470	0	102	80	120	3.26	20	
Ethylbenzene	0.93	0.047	0.9470	0	98.7	80	120	0.804	20	
Xylenes, Total	2.8	0.095	2.841	0	97.2	80	120	1.84	20	
Surr: 4-Bromofluorobenzene	0.73		0.9470		76.9	70	130	0	0	

Sample ID: mb-63212	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63212	RunNo: 81976								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2902862 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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

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

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-63212	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63212	RunNo: 81976								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2902862		Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.85		1.000		84.5	70	130			

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						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.88		1.000		88.0	70	130			

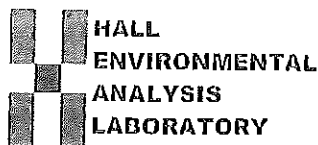
Sample ID: mb-63214	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 63214	RunNo: 81968								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2903043		Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.82		1.000		82.1	70	130			

Sample ID: lcs-63214	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 63214	RunNo: 81968								
Prep Date: 10/11/2021	Analysis Date: 10/12/2021	SeqNo: 2903046		Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.82		1.000		81.9	70	130			

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

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



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

Sample Log-In Check List

Client Name: Talon Artesia

Work Order Number: 2110477

RcptNo: 1

Received By: Cheyenne Gason 10/8/2021 7:35:00 AM

Completed By: Isaiah Ortiz 10/8/2021 8:00:17 AM

Reviewed By: JR 10/8/21

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: KPG 10/08/21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.7	Good	Not Present			

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 4-Day
☐ Standard ☐ Rush 10/12/21
 Project Name:

Red Tank 4 Fed 1 (Red Tank)

Project #:

701162.112.01

Project Manager:

R. Pons

Sampler: M. Collier

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CP): 1.7-0 = 1.7

Date Time Matrix Sample Name

10/5/2021 10:00 Soil S-1 5'

10:05 S-2 5'

10:10 S-3 5'

10:15 S-4 7'

8:30 S-5 10'

8:35 S-6 10'

8:40 S-7 10'

8:45 S-8 10'

8:50 S-9 10'

8:55 S-10 3-4'

9:00 S-11 3-4'

9:05 S-12 3-4'

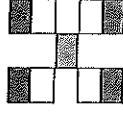
Date: Time: Relinquished by: M. Collier

Date: Time: Relinquished by: M. Collier

Received by: Via: Date: 10/12/21 11:00

Received by: Via: Date: 10/12/21 11:00

cur cor 10/12/21 0735



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

DATE	TIME	MATRIX	SAMPLE NAME	CONTAINER TYPE AND #	PRESERVATIVE TYPE	HEAL No.	GLASS/1	ICE/COOL	DATE	TIME	RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	REMARKS
10/5/2021	10:00	Soil	S-1 5'			2110477			001	X	X						
	10:05		S-2 5'						002	X	X						
	10:10		S-3 5'						003	X	X						
	10:15		S-4 7'						004	X	X						
	8:30		S-5 10'						005	X	X						
	8:35		S-6 10'						006	X	X						
	8:40		S-7 10'						007	X	X						
	8:45		S-8 10'						008	X	X						
	8:50		S-9 10'						009	X	X						
	8:55		S-10 3-4'						010	X	X						
	9:00		S-11 3-4'						011	X	X						
	9:05		S-12 3-4'						012	X	X						

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 analytical report.

Red Tank 4 Fed 1 (Red Tank)

Project #:

701163 113 01

100

RECEIVED

M Collier

☒ Yes ☐ No


 UNIVERSITY OF MICHIGAN PRESS

Cooler Temp (including CF): $(7-6) = 1$ ✓

Container Type and #	Preservative Type	HEAL No. 31567
-------------------------	----------------------	-------------------

[illegible]

10

S10			
-----	--	--	--

910	016
-----	-----

2

1875

10. 10. 10.

--	--	--	--

13				
----	--	--	--	--

770			
-----	--	--	--

370	1	1
-----	---	---

Received by:	Via:	Date	Time

⑤

Received by: Via: Date: Time:

5

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

Client: Talon LPE

Mailing Address: 408 W. Texas Ave

Artesia, NM 88210

Phone #: 575.746.8768

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time: 4-Day

☐ Standard ☐ Rush 10-12-21

Project Name:

Red Tank 4 Fed 1 (Red Tank)

Project #:

701162.112.01

Project Manager:

R. Pons

Sampler:

M. Collier

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including cr): 1, 7-0-3-17

Date	Time	Matrix	Sample Name
10/6/2021	10:30	Soil	S-37 3'
	10:40		S-38 3'
	11:00		N.SW-1 10'
10/5/2021	11:15		N.SW-2 3-4'
	11:20		N.SW-3 3-4'
	11:30		N.SW-4 3-4'
	11:35		S.SW-1 5'
10/6/2021	11:00		S.SW-2 3-4'
	11:05		S.SW-3 3-4'
	11:10		S.SW-4 3-4'
10/5/2021	12:00		E.SW-1 5-7'
10/6/2021	11:20		E.SW-2 10'

Relinquished by:

M. Collier

Received by:

M. Collier

Date:

10/12/21 11:10

Relinquished by:

M. Collier

Received by:

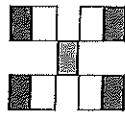
M. Collier

Date:

10/12/21 11:10

Remarks:

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 analytical report.

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Chlorides
BTEX
TPH

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

X X X

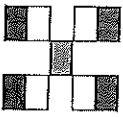
X X X

X X X

X X X

X X X

X X X



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Turn-Around Time: 4-Day	
<input type="checkbox"/> Standard	<input type="checkbox"/> Rush
Project Name:	
Red Tank 4 Fed 1 (Red Tank)	
Project #:	
701162.112.01	
Project Manager:	
R.Pons	
Sampler: M.Collier	
On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
# of Coolers: 1	
Cooler Temp (including On): 1.7 - 0.7	
HEAL No. 2110477	
Container Type and #	Preservative Type
Glass/ 1	Ice/Cool
049	050
051	052
053	054
BTEX	
Chlorides	
Remarks:	
Received by: <i>M. Collier</i>	Date: 10/17/2021
Received by: <i>Care Garcia</i>	Date: 10/18/2021

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 analytical report.



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

A handwritten signature in cursive script that reads "J. 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

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The
Expert**

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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.

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Definitions/Glossary

Client: Taion/LPE

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

Job ID: 890-1435-1

SDG: Lea County NM

Qualifiers

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

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.
U	Analyte was not detected at or above the SDL.

HPLC/IC

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
"	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Xenco, Carlsbad

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 Oil 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)

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: 890-1435-1
SDG: Lea County NM

Client Sample ID: R-1

Lab Sample ID: 890-1435-1

Date Collected: 10/12/21 09:20

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000490	J	0.00198	0.000381	mg/Kg		10/20/21 13:44	10/23/21 18:41	1
Toluene	0.000469	J	0.00198	0.000451	mg/Kg		10/20/21 13:44	10/23/21 18:41	1
Ethylbenzene	0.00130	J	0.00198	0.000559	mg/Kg		10/20/21 13:44	10/23/21 18:41	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	0.00100	mg/Kg		10/20/21 13:44	10/23/21 18:41	1
o-Xylene	<0.00198	U	0.00198	0.000341	mg/Kg		10/20/21 13:44	10/23/21 18:41	1
Xylenes, Total	<0.00396	U	0.00396	0.00100	mg/Kg		10/20/21 13:44	10/23/21 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130				10/20/21 13:44	10/23/21 18:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/20/21 13:44	10/23/21 18:41	1

Method: Total BTEX - Total BTEX 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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	30.9	J	49.9	15.0	mg/Kg			10/21/21 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 11:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 11:57	1
Oil Range Organics (Over C28-C36)	30.9	J b	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 11:57	1
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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		5.03	0.863	mg/Kg			10/21/21 21:36	1

Client Sample ID: R-2

Lab Sample ID: 890-1435-2

Date Collected: 10/12/21 09:25

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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

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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

Lab Sample ID: 890-1435-2

Date Collected: 10/12/21 09:25

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		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 BTEX 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 (DRO) (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 Range Organics (DRO) (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 13:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 13:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	10/19/21 10:17	10/19/21 13:00	1
o-Terphenyl	76		70 - 130	10/19/21 10:17	10/19/21 13:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		4.97	0.853	mg/Kg			10/21/21 21:43	1

Client Sample ID: R-3

Lab Sample ID: 890-1435-3

Date Collected: 10/12/21 09:30

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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	Dil Fac
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 BTEX Calculation

Analyte	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 Range Organics (DRO) (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 16:01	1

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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

Lab Sample ID: 890-1435-3

Date Collected: 10/12/21 09:30

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 13:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 13:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 13:21	1
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

Lab Sample ID: 890-1435-4

Date Collected: 10/12/21 10:20

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic 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	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00210	J	0.00396	0.00100	mg/Kg			10/21/21 17:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (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 Range Organics (DRO) (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 13:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 13:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				10/19/21 10:17	10/19/21 13:42	1
o-Terphenyl	83		70 - 130				10/19/21 10:17	10/19/21 13:42	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

Client Sample ID: R-4

Lab Sample ID: 890-1435-4

Date Collected: 10/12/21 10:20

Matrix: Solid

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
Chloride	200		4.95	0.850	mg/Kg			10/22/21 04:07	1

Client Sample ID: R-5

Lab Sample ID: 890-1435-5

Date Collected: 10/12/21 10:25

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000562	J	0.00198	0.000382	mg/Kg		10/20/21 13:44	10/23/21 20:03	1
Toluene	0.000599	J	0.00198	0.000452	mg/Kg		10/20/21 13:44	10/23/21 20:03	1
Ethylbenzene	<0.00198	U	0.00198	0.000561	mg/Kg		10/20/21 13:44	10/23/21 20:03	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	0.00100	mg/Kg		10/20/21 13:44	10/23/21 20:03	1
o-Xylene	0.00108	J	0.00198	0.000341	mg/Kg		10/20/21 13:44	10/23/21 20:03	1
Xylenes, Total	0.00108	J	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-Difluorobenzene (Surr)	88		70 - 130				10/20/21 13:44	10/23/21 20:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00224	J	0.00397	0.00100	mg/Kg			10/21/21 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	36.4	J	50.0	15.0	mg/Kg			10/21/21 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	36.4	J	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:02	1
Oil 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
1-Chlorooctane	93		70 - 130				10/19/21 10:17	10/19/21 14:02	1
o-Terphenyl	96		70 - 130				10/19/21 10:17	10/19/21 14:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		5.03	0.863	mg/Kg			10/22/21 04:28	1

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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-6

Lab Sample ID: 890-1435-6

Date Collected: 10/12/21 10:30

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	0.000382	mg/Kg		10/20/21 13:44	10/23/21 20:23	1
Toluene	<0.00198	U	0.00198	0.000452	mg/Kg		10/20/21 13:44	10/23/21 20:23	1
Ethylbenzene	<0.00198	U	0.00198	0.000561	mg/Kg		10/20/21 13:44	10/23/21 20:23	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	0.00100	mg/Kg		10/20/21 13:44	10/23/21 20:23	1
o-Xylene	<0.00198	U	0.00198	0.000341	mg/Kg		10/20/21 13:44	10/23/21 20:23	1
Xylenes, Total	<0.00397	U	0.00397	0.00100	mg/Kg		10/20/21 13:44	10/23/21 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/20/21 13:44	10/23/21 20:23	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/20/21 13:44	10/23/21 20:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	0.00100	mg/Kg			10/21/21 17:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (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 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				10/19/21 10:17	10/19/21 14:23	1
o-Terphenyl	81		70 - 130				10/19/21 10:17	10/19/21 14:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		5.03	0.863	mg/Kg			10/22/21 04:35	1

Client Sample ID: R-7

Lab Sample ID: 890-1435-7

Date Collected: 10/12/21 11:00

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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	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

Client Sample ID: R-7

Lab Sample ID: 890-1435-7

Date Collected: 10/12/21 11:00

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		70 - 130	10/20/21 13:44	10/23/21 20:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	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 (DRO) (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 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 14:44	1
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	199		5.01	0.860	mg/Kg			10/22/21 04:43	1

Client Sample ID: R-8

Lab Sample ID: 890-1435-8

Date Collected: 10/12/21 11:05

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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	Dil 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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	0.00101	mg/Kg			10/21/21 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	14.9	mg/Kg			10/21/21 16:01	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

Client Sample ID: R-8

Lab Sample ID: 890-1435-8

Date Collected: 10/12/21 11:05

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	14.9	mg/Kg		10/19/21 10:17	10/19/21 15:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	14.9	mg/Kg		10/19/21 10:17	10/19/21 15:05	1
Oil 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	88		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 - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	203		4.95	0.850	mg/Kg			10/22/21 04:50	1

Client Sample ID: R-9

Lab Sample ID: 890-1435-9

Date Collected: 10/12/21 11:10

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000432	J	0.00200	0.000384	mg/Kg		10/20/21 13:44	10/23/21 21:25	1
Toluene	<0.00200	U	0.00200	0.000455	mg/Kg		10/20/21 13:44	10/23/21 21:25	1
Ethylbenzene	<0.00200	U	0.00200	0.000564	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
o-Xylene	0.000748	J	0.00200	0.000343	mg/Kg		10/20/21 13:44	10/23/21 21:25	1
Xylenes, Total	<0.00399	U	0.00399	0.00101	mg/Kg		10/20/21 13:44	10/23/21 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				10/20/21 13:44	10/23/21 21:25	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/20/21 13:44	10/23/21 21:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00118	J	0.00399	0.00101	mg/Kg			10/21/21 17:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (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 Range Organics (DRO) (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 15:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 15:26	1
Oil 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
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				10/19/21 10:17	10/19/21 15:26	1
o-Terphenyl	91		70 - 130				10/19/21 10:17	10/19/21 15:26	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

Client Sample ID: R-9

Lab Sample ID: 890-1435-9

Date Collected: 10/12/21 11:10

Matrix: Solid

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
Chloride	223		5.04	0.865	mg/Kg			10/22/21 05:11	1

Client Sample ID: R-10

Lab Sample ID: 890-1435-10

Date Collected: 10/12/21 12:00

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	0.000389	mg/Kg		10/20/21 13:44	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-Xylene & 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	10/23/21 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 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 (DRO) (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 Range Organics (DRO) (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 C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 15:46	1
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		4.99	0.857	mg/Kg			10/22/21 05:18	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

Client Sample ID: R-11

Lab Sample ID: 890-1435-11

Date Collected: 10/12/21 12:05

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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 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		10/20/21 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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	0.00101	mg/Kg			10/21/21 17:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (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 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	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
Oil 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
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				10/19/21 10:17	10/19/21 16:27	1
o-Terphenyl	94		70 - 130				10/19/21 10:17	10/19/21 16:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.97	0.853	mg/Kg			10/22/21 05:26	1

Client Sample ID: R-12

Lab Sample ID: 890-1435-12

Date Collected: 10/12/21 12:10

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (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 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

Client Sample ID: R-12

Lab Sample ID: 890-1435-12

Date Collected: 10/12/21 12:10

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

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

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 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 (DRO) (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 Range Organics (DRO) (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 16:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 16:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	10/19/21 10:17	10/19/21 16:47	1
o-Terphenyl	93		70 - 130	10/19/21 10:17	10/19/21 16:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.7		5.05	0.867	mg/Kg			10/22/21 05:33	1

Client Sample ID: R-13

Lab Sample ID: 890-1435-13

Date Collected: 10/12/21 12:15

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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-Difluorobenzene (Surr)	99		70 - 130	10/20/21 13:44	10/24/21 00:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	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 Range Organics (DRO) (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

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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-13

Lab Sample ID: 890-1435-13

Date Collected: 10/12/21 12:15

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 17:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 17:28	1
Oil 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 Chromatography - 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

Lab Sample ID: 890-1435-14

Date Collected: 10/12/21 12:20

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic 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	10/24/21 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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00244	J	0.00396	0.00100	mg/Kg			10/21/21 17:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (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 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 17:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 17:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				10/19/21 10:17	10/19/21 17:48	1
o-Terphenyl	87		70 - 130				10/19/21 10:17	10/19/21 17:48	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

Client Sample ID: R-14

Lab Sample ID: 890-1435-14

Date Collected: 10/12/21 12:20

Matrix: Solid

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
Chloride	75.1		5.01	0.860	mg/Kg			10/22/21 05:47	1

Client Sample ID: R-15

Lab Sample ID: 890-1435-15

Date Collected: 10/12/21 13:15

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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-Difluorobenzene (Surr)	94		70 - 130				10/20/21 13:44	10/24/21 00:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	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 (DRO) (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 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.1		4.97	0.853	mg/Kg			10/22/21 06:08	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

Client Sample ID: R-16

Lab Sample ID: 890-1435-16

Date Collected: 10/12/21 13:20

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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 Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00141	J	0.00398	0.00101	mg/Kg			10/21/21 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16.2	J	49.9	15.0	mg/Kg			10/21/21 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16.2	J	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				10/19/21 10:17	10/19/21 18:29	1
o-Terphenyl	94		70 - 130				10/19/21 10:17	10/19/21 18:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.9		4.99	0.857	mg/Kg			10/22/21 06:16	1

Client Sample ID: R-17

Lab Sample ID: 890-1435-17

Date Collected: 10/12/21 13:25

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000535	J	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-Xylene	0.000736	J	0.00200	0.000344	mg/Kg		10/20/21 13:44	10/24/21 01:37	1
Xylenes, Total	<0.00400	U	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	1

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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-17

Lab Sample ID: 890-1435-17

Date Collected: 10/12/21 13:25

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	10/20/21 13:44	10/24/21 01:37	1

Method: Total BTEX - Total BTEX 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 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15.7	J	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				10/19/21 10:17	10/19/21 18:50	1
o-Terphenyl	89		70 - 130				10/19/21 10:17	10/19/21 18:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.3		4.96	0.851	mg/Kg			10/22/21 06:37	1

Client Sample ID: SW-1

Lab Sample ID: 890-1435-18

Date Collected: 10/12/21 13:30

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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 13:44	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 01:57	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 BTEX 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 Range Organics (DRO) (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 16:18	1

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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-1

Lab Sample ID: 890-1435-18

Date Collected: 10/12/21 13:30

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:11	1
Oil 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-Chlorooctane	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 Chromatography - Soluble

Analyte	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

Lab Sample ID: 890-1435-19

Date Collected: 10/12/21 13:35

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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	U	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 (DRO) (GC)

Analyte	Result	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 Range Organics (DRO) (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 C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				10/19/21 10:17	10/19/21 19:31	1
o-Terphenyl	91		70 - 130				10/19/21 10:17	10/19/21 19:31	1

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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

Lab Sample ID: 890-1435-19

Date Collected: 10/12/21 13:35

Matrix: Solid

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
Chloride	38.4		4.97	0.853	mg/Kg			10/22/21 06:51	1

Client Sample ID: SW-3

Lab Sample ID: 890-1435-20

Date Collected: 10/12/21 13:04

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	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 13:44	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-Difluorobenzene (Surr)	101		70 - 130	10/20/21 13:44	10/24/21 02:38	1

Method: Total BTEX - Total BTEX 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 (DRO) (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 Range Organics (DRO) (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 10:17	10/19/21 19:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:17	10/19/21 19:51	1
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		5.04	0.865	mg/Kg			10/22/21 06:59	1

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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-4

Lab Sample ID: 890-1435-21

Date Collected: 10/12/21 13:45

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	0.000387	mg/Kg		10/20/21 13:46	10/22/21 18:32	1
Toluene	<0.00201	U	0.00201	0.000459	mg/Kg		10/20/21 13:46	10/22/21 18:32	1
Ethylbenzene	0.000774	J	0.00201	0.000568	mg/Kg		10/20/21 13:46	10/22/21 18:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	0.00102	mg/Kg		10/20/21 13:46	10/22/21 18:32	1
o-Xylene	<0.00201	U	0.00201	0.000346	mg/Kg		10/20/21 13:46	10/22/21 18:32	1
Xylenes, Total	<0.00402	U	0.00402	0.00102	mg/Kg		10/20/21 13:46	10/22/21 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/20/21 13:46	10/22/21 18:32	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/20/21 13:46	10/22/21 18:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	0.00102	mg/Kg			10/21/21 17:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (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 Range Organics (DRO) (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 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
Oil 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 Fac
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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.03	0.863	mg/Kg			10/22/21 07:06	1

Client Sample ID: SW-5

Lab Sample ID: 890-1435-22

Date Collected: 10/12/21 13:50

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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)

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

Client Sample ID: SW-5

Lab Sample ID: 890-1435-22

Date Collected: 10/12/21 13:50

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	107		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 (DRO) (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 Range Organics (DRO) (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 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
Oil 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-Chlorooctane	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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		4.97	0.853	mg/Kg			10/22/21 07:13	1

Client Sample ID: SW-6

Lab Sample ID: 890-1435-23

Date Collected: 10/12/21 13:55

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic 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-Xylene & 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 BTEX 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 Range Organics (DRO) (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

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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-6

Lab Sample ID: 890-1435-23

Date Collected: 10/12/21 13:55

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 18:50	1
Oil 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-Chlorooctane	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 Chromatography - 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

Lab Sample ID: 890-1435-24

Date Collected: 10/12/21 14:00

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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-Bromofluorobenzene (Surr)	103		70 - 130				10/20/21 13:46	10/22/21 19:34	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/20/21 13:46	10/22/21 19:34	1

Method: Total BTEX - Total BTEX 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 (DRO) (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 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:19	10/19/21 19:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	15.0	mg/Kg		10/19/21 10:19	10/19/21 19:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:19	10/19/21 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/19/21 10:19	10/19/21 19:11	1
o-Terphenyl	112		70 - 130				10/19/21 10:19	10/19/21 19:11	1

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Client Sample Results

Client: Talon/LPE

Job ID: 890-1435-1

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

SDG: Lea County NM

Client Sample ID: SW-7

Lab Sample ID: 890-1435-24

Date Collected: 10/12/21 14:00

Matrix: Solid

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
Chloride	87.6		4.95	0.850	mg/Kg			10/22/21 08:17	1

Client Sample ID: SW-8

Lab Sample ID: 890-1435-25

Date Collected: 10/12/21 14:05

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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 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 (DRO) (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 Range Organics (DRO) (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 19:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 19:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/19/21 10:19	10/19/21 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				10/19/21 10:19	10/19/21 19:31	1
o-Terphenyl	97		70 - 130				10/19/21 10:19	10/19/21 19:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.4		5.03	0.863	mg/Kg			10/22/21 08:39	1

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Client Sample Results

Client: Talon/LPE

Job ID: 890-1435-1

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

SDG: Lea County NM

Client Sample ID: SW-9

Lab Sample ID: 890-1435-26

Date Collected: 10/12/21 14:10

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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 20:15	1
Toluene	<0.00200	U	0.00200	0.000457	mg/Kg		10/20/21 13:46	10/22/21 20:15	1
Ethylbenzene	<0.00200	U	0.00200	0.000566	mg/Kg		10/20/21 13:46	10/22/21 20:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	0.00101	mg/Kg		10/20/21 13:46	10/22/21 20:15	1
o-Xylene	<0.00200	U	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 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 (DRO) (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 Range Organics (DRO) (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
Oil Range Organics (Over C28-C36)	<49.9	U	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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.7		5.03	0.863	mg/Kg			10/22/21 08:46	1

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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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (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
890-1435-2	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
890-1435-16	R-16	89	92
890-1435-17	R-17	94	103
890-1435-18	SW-1	93	106
890-1435-19	SW-2	97	102
890-1435-20	SW-3	106	101
890-1435-21	SW-4	97	101
890-1435-21 MS	SW-4	92	99
890-1435-21 MSD	SW-4	97	94
890-1435-22	SW-5	99	107
890-1435-23	SW-6	94	104
890-1435-24	SW-7	103	109
890-1435-25	SW-8	98	107
890-1435-26	SW-9	88	100
LCS 880-9995/1-A	Lab Control Sample	90	101
LCS 880-9996/1-A	Lab Control Sample	88	103
LCSD 880-9995/2-A	Lab Control Sample Dup	86	98
LCSD 880-9996/2-A	Lab Control Sample Dup	89	97
MB 880-10082/5-A	Method Blank	111	98
MB 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

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-1422-A-11-B MS	Matrix Spike	88	88

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Surrogate Summary

Client: Talon/LPE

Job ID: 890-1435-1

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

SDG: Lea County NM

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1422-A-11-C MSD	Matrix Spike Duplicate	91	92
890-1435-1	R-1	82	84
890-1435-1 MS	R-1	86	80
890-1435-1 MSD	R-1	97	92
890-1435-2	R-2	76	76
890-1435-3	R-3	82	84
890-1435-4	R-4	81	83
890-1435-5	R-5	93	96
890-1435-6	R-6	79	81
890-1435-7	R-7	77	80
890-1435-8	R-8	88	91
890-1435-9	R-9	88	91
890-1435-10	R-10	83	86
890-1435-11	R-11	88	94
890-1435-12	R-12	88	93
890-1435-13	R-13	86	88
890-1435-14	R-14	84	87
890-1435-15	R-15	81	84
890-1435-16	R-16	90	94
890-1435-17	R-17	86	89
890-1435-18	SW-1	85	89
890-1435-19	SW-2	87	91
890-1435-20	SW-3	81	82
890-1435-21	SW-4	84	87
890-1435-22	SW-5	90	98
890-1435-23	SW-6	96	106
890-1435-24	SW-7	102	112
890-1435-25	SW-8	89	97
890-1435-26	SW-9	102	115
LCS 880-9839/2-A	Lab Control Sample	84	83
LCS 880-9840/2-A	Lab Control Sample	103	106
LCSD 880-9839/3-A	Lab Control Sample Dup	90	94
LCSD 880-9840/3-A	Lab Control Sample Dup	87	89
MB 880-9839/1-A	Method Blank	108	120
MB 880-9840/1-A	Method Blank	90	103

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

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 Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10082

Analyte	MB Result	MB 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-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
Surrogate	%Recovery	MB 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

Analyte	MB Result	MB 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
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/20/21 11:13	10/23/21 05:43	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/20/21 11:13	10/23/21 05:43	1

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

Analyte	MB Result	MB 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
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	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

QC Sample Results

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: LCS 880-9995/1-A

Matrix: Solid

Analysis Batch: 10201

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1056		mg/Kg		106	70 - 130
Toluene	0.100	0.1112		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1155		mg/Kg		115	70 - 130
m-Xylene & p-Xylene	0.200	0.2223		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1212		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (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

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (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

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

Surrogate	MS %Recovery	MS 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: 10201

Client Sample ID: R-1

Prep Type: Total/NA

Prep Batch: 9995

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

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QC Sample Results

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

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

Surrogate	MSD %Recovery	MSD 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

Analyte	MB Result	MB 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	U	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	U	0.00400	0.00101	mg/Kg		10/20/21 13:46	10/22/21 18:10	1

Surrogate	MB %Recovery	MB 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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09335		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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-9996/2-A

Matrix: Solid

Analysis Batch: 10086

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9996

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08894		mg/Kg		89	70 - 130	5	35
Toluene	0.100	0.07668		mg/Kg		77	70 - 130	3	35
Ethylbenzene	0.100	0.07851		mg/Kg		79	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1511		mg/Kg		76	70 - 130	5	35
o-Xylene	0.100	0.07881		mg/Kg		79	70 - 130	4	35

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QC Sample Results

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%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	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-1435-21 MSD

Matrix: Solid

Analysis Batch: 10086

Client Sample ID: SW-4

Prep Type: Total/NA

Prep Batch: 9996

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

Analyte	MB Result	MB 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 10:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/19/21 10:17	10/19/21 10:50	1
Oil 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

	MB	MB							
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			

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QC Sample Results

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)

Lab Sample ID: LCS 880-9839/2-A

Matrix: Solid

Analysis Batch: 9821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9839

Analysis Data 001									
Analyte	Spike		LCS	LCS	Unit	D	%Rec	%Rec.	
	Added		Result	Qualifier				Limits	
Gasoline Range Organics (GRO)-C6-C10	1000		911.4		mg/Kg		91	70 - 130	
Diesel Range Organics (Over C10-C28)	1000		763.3		mg/Kg		76	70 - 130	
Surrogate	LCS		LCS	Limits					
	%Recovery	Qualifier							
1-Chlorooctane	84			70 - 130					
o-Terphenyl	83			70 - 130					

Lab Sample ID: LCSD 880-9839/3-A

Matrix: Solid

Analysis Batch: 9821

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9839

Analysis Date: 06/17/2017										
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit	
							Limits			
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	

Lab Sample ID: 890-1435-1 MS

Matrix: Solid

Analysis Batch: 9821

Client Sample ID: R-1

Prep Type: Total/NA

Prep Batch: 9839

Analyte Data: C02									
Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier			%Rec	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1049		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	780.1		mg/Kg		78	70 - 130
Surrogate	MS	MS							
	%Recovery	Qualifier	Limits						
1-Chlorooctane	86		70 - 130						
o-Terphenyl	80		70 - 130						

Lab Sample ID: 890-1435-1 MSD

Matrix: Solid

Analysis Batch: 9821

Client Sample ID: R-1

Prep Type: Total/NA

Prep Batch: 9839

Analysis Date: 05/17											
Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1193		mg/Kg		119	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	876.5		mg/Kg		88	70 - 130	12	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	97		70 - 130								

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QC Sample Results

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)

Lab Sample ID: 890-1435-1 MSD

Matrix: Solid

Analysis Batch: 9821

Client Sample ID: R-1

Prep Type: Total/NA

Prep Batch: 9839

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -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	
Oil 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		70 - 130				10/19/21 10:19	10/19/21 10:50	1	
<i>o</i> -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					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1059		mg/Kg		106	70 - 130		
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	103		70 - 130						
<i>o</i> -Terphenyl	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

	Spike	LCSD	LCSD					%Rec.	RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	898.0		mg/Kg		90	70 - 130	11	20	
Diesel Range Organics (Over C10-C28)	1000	850.9	*	mg/Kg		85	70 - 130	22	20	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	87		70 - 130							
<i>o</i> -Terphenyl	89		70 - 130							

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QC Sample Results

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)

Lab Sample ID: 890-1422-A-11-B MS

Matrix: Solid

Analysis Batch: 9823

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 9840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	36.5	J	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
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	88		70 - 130						
o-Terphenyl	88		70 - 130						

Lab Sample ID: 890-1422-A-11-C MSD

Matrix: Solid

Analysis Batch: 9823

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 9840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	36.5	J	1000	980.5		mg/Kg		92	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	57.1	b *	1000	926.0		mg/Kg		87	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	92		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-9768/1-A

Matrix: Solid

Analysis Batch: 10010

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB 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

Lab Sample ID: LCS 880-9768/2-A

Matrix: Solid

Analysis Batch: 10010

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	258.5		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-9768/3-A

Matrix: Solid

Analysis Batch: 10010

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	252.6		mg/Kg		101	90 - 110	2	20

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QC Sample Results

Client: Talon/LPE

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

Job ID: 890-1435-1

SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-1434-A-8-B MS

Matrix: Solid

Analysis Batch: 10010

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	195		251	443.6		mg/Kg		99	90 - 110

Lab Sample ID: 890-1434-A-8-C MSD

Matrix: Solid

Analysis Batch: 10010

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	195		251	444.8		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-9769/1-A

Matrix: Solid

Analysis Batch: 10149

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	0.858	mg/Kg			10/22/21 03:45	1

Lab Sample ID: LCS 880-9769/2-A

Matrix: Solid

Analysis Batch: 10149

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	260.8		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-9769/3-A

Matrix: Solid

Analysis Batch: 10149

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	257.3		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 890-1435-4 MS

Matrix: Solid

Analysis Batch: 10149

Client Sample ID: R-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	200		248	457.7		mg/Kg		104	90 - 110

Lab Sample ID: 890-1435-4 MSD

Matrix: Solid

Analysis Batch: 10149

Client Sample ID: R-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	200		248	460.5		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 890-1435-14 MS

Matrix: Solid

Analysis Batch: 10149

Client Sample ID: R-14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	75.1		251	339.8		mg/Kg		106	90 - 110

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QC Sample Results

Client: Talon/LPE

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

Job ID: 890-1435-1

SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-1435-14 MSD

Matrix: Solid

Analysis Batch: 10149

Client Sample ID: R-14

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	75.1		251	341.5		mg/Kg		106	90 - 110	0	20

Lab Sample ID: MB 880-9775/1-A

Matrix: Solid

Analysis Batch: 10150

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	0.858	mg/Kg			10/22/21 07:56	1

Lab Sample ID: LCS 880-9775/2-A

Matrix: Solid

Analysis Batch: 10150

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	259.4		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-9775/3-A

Matrix: Solid

Analysis Batch: 10150

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	262.6		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 890-1435-24 MS

Matrix: Solid

Analysis Batch: 10150

Client Sample ID: SW-7

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	87.6		248	347.6		mg/Kg		105	90 - 110

Lab Sample ID: 890-1435-24 MSD

Matrix: Solid

Analysis Batch: 10150

Client Sample ID: SW-7

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	87.6		248	350.3		mg/Kg		106	90 - 110	1	20

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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 Batch: 9960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-9960/5-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	Prep Type	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

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QC Association Summary

Client: Talon/LPE

Job ID: 890-1435-1

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

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	Total/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

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-1	R-1	Total/NA	Solid	8021B	9995
890-1435-2	R-2	Total/NA	Solid	8021B	9995
890-1435-3	R-3	Total/NA	Solid	8021B	9995
890-1435-4	R-4	Total/NA	Solid	8021B	9995
890-1435-5	R-5	Total/NA	Solid	8021B	9995
890-1435-6	R-6	Total/NA	Solid	8021B	9995
890-1435-7	R-7	Total/NA	Solid	8021B	9995
890-1435-8	R-8	Total/NA	Solid	8021B	9995

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 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	8021B	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

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 Blank	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

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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	

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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 Batch
890-1435-1	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	
890-1435-9	R-9	Total/NA	Solid	8015 NM	
890-1435-10	R-10	Total/NA	Solid	8015 NM	
890-1435-11	R-11	Total/NA	Solid	8015 NM	
890-1435-12	R-12	Total/NA	Solid	8015 NM	
890-1435-13	R-13	Total/NA	Solid	8015 NM	
890-1435-14	R-14	Total/NA	Solid	8015 NM	
890-1435-15	R-15	Total/NA	Solid	8015 NM	
890-1435-16	R-16	Total/NA	Solid	8015 NM	
890-1435-17	R-17	Total/NA	Solid	8015 NM	
890-1435-18	SW-1	Total/NA	Solid	8015 NM	
890-1435-19	SW-2	Total/NA	Solid	8015 NM	
890-1435-20	SW-3	Total/NA	Solid	8015 NM	
890-1435-21	SW-4	Total/NA	Solid	8015 NM	
890-1435-22	SW-5	Total/NA	Solid	8015 NM	
890-1435-23	SW-6	Total/NA	Solid	8015 NM	
890-1435-24	SW-7	Total/NA	Solid	8015 NM	
890-1435-25	SW-8	Total/NA	Solid	8015 NM	
890-1435-26	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	DI 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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1435-4	R-4	Soluble	Solid	DI Leach	
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

Job ID: 890-1435-1

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

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	Soluble	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	Soluble	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	Soluble	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	Prep Type	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	Soluble	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

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)

Analysis Batch: 10149 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	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	Soluble	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	Solid	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	Soluble	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

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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-1

Lab Sample ID: 890-1435-1

Date Collected: 10/12/21 09:20

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	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
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 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

Client Sample ID: R-2

Lab Sample ID: 890-1435-2

Date Collected: 10/12/21 09:25

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	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	CH	XEN MID

Client Sample ID: R-3

Lab Sample ID: 890-1435-3

Date Collected: 10/12/21 09:30

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 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

Lab Sample ID: 890-1435-4

Date Collected: 10/12/21 10:20

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/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

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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

Lab Sample ID: 890-1435-4

Date Collected: 10/12/21 10:20

Matrix: Solid

Date Received: 10/14/21 13:00

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			10.01 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

Lab Sample ID: 890-1435-5

Date Collected: 10/12/21 10:25

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	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
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 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

Lab Sample ID: 890-1435-6

Date Collected: 10/12/21 10:30

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	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	Analysis	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
Soluble	Analysis	300.0		1			10149	10/22/21 04:35	CH	XEN MID

Client Sample ID: R-7

Lab Sample ID: 890-1435-7

Date Collected: 10/12/21 11:00

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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

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-7

Lab Sample ID: 890-1435-7

Date Collected: 10/12/21 11:00

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 04:43	CH	XEN MID

Client Sample ID: R-8

Lab Sample ID: 890-1435-8

Date Collected: 10/12/21 11:05

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 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	CH	XEN MID

Client Sample ID: R-9

Lab Sample ID: 890-1435-9

Date Collected: 10/12/21 11:10

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/23/21 21:25	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 15:26	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 05:11	CH	XEN MID

Client Sample ID: R-10

Lab Sample ID: 890-1435-10

Date Collected: 10/12/21 12:00

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	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

Client Sample ID: R-11

Lab Sample ID: 890-1435-11

Date Collected: 10/12/21 12:05

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 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 23:34	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 16:27	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 05:26	CH	XEN MID

Client Sample ID: R-12

Lab Sample ID: 890-1435-12

Date Collected: 10/12/21 12:10

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	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
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 16:47	AJ	XEN MID
Soluble	Leach	DI 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	CH	XEN MID

Client Sample ID: R-13

Lab Sample ID: 890-1435-13

Date Collected: 10/12/21 12:15

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	9995	10/20/21 13:44	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	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

Lab Sample ID: 890-1435-14

Date Collected: 10/12/21 12:20

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	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
Total/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

Lab Sample ID: 890-1435-14

Date Collected: 10/12/21 12:20

Matrix: Solid

Date Received: 10/14/21 13:00

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	CH	XEN MID

Client Sample ID: R-15

Lab Sample ID: 890-1435-15

Date Collected: 10/12/21 13:15

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	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
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 06:08	CH	XEN MID

Client Sample ID: R-16

Lab Sample ID: 890-1435-16

Date Collected: 10/12/21 13:20

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	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	CH	XEN MID

Client Sample ID: R-17

Lab Sample ID: 890-1435-17

Date Collected: 10/12/21 13:25

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 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

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-17

Lab Sample ID: 890-1435-17

Date Collected: 10/12/21 13:25

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	9769	10/18/21 14:28	CA	XEN MID
Soluble	Analysis	300.0		1			10149	10/22/21 06:37	CH	XEN MID

Client Sample ID: SW-1

Lab Sample ID: 890-1435-18

Date Collected: 10/12/21 13:30

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	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
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 19:11	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

Lab Sample ID: 890-1435-19

Date Collected: 10/12/21 13:35

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	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	AJ	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

Lab Sample ID: 890-1435-20

Date Collected: 10/12/21 13:04

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	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

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: SW-4

Lab Sample ID: 890-1435-21

Date Collected: 10/12/21 13:45

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	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
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 18:09	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

Lab Sample ID: 890-1435-22

Date Collected: 10/12/21 13:50

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	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

Client Sample ID: SW-6

Lab Sample ID: 890-1435-23

Date Collected: 10/12/21 13:55

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	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

Lab Sample ID: 890-1435-24

Date Collected: 10/12/21 14:00

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	9996	10/20/21 13:46	KL	XEN MID
Total/NA	Analysis	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

Lab Chronicle

Client: Taion/LPE

Job ID: 890-1435-1

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

SDG: Lea County NM

Client Sample ID: SW-7

Lab Sample ID: 890-1435-24

Date Collected: 10/12/21 14:00

Matrix: Solid

Date Received: 10/14/21 13:00

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 16:18	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	CH	XEN MID

Client Sample ID: SW-8

Lab Sample ID: 890-1435-25

Date Collected: 10/12/21 14:05

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	9996	10/20/21 13:46	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10086	10/22/21 19:55	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 19:31	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 08:39	CH	XEN MID

Client Sample ID: SW-9

Lab Sample ID: 890-1435-26

Date Collected: 10/12/21 14:10

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	9996	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:

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

Eurofins Xenco, Carlsbad

Accreditation/Certification Summary

Client: Talon/LPE

Job ID: 890-1435-1

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

SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Talon/LPE

Job ID: 890-1435-1

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

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

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
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	Solid	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
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



ENVIRONMENTAL TESTING
SERVICES

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

Chain of Custody

Work Order No: _____

www.xenco.com Page 1 of 3

Project Manager:	R. Pons	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	rppons@talonlpe.com jcarnes@talonlpe.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Red Tank 4 Fed 1 (Red Tank)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	701162.112.01	Due Date:	10/22/2021		
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	M. Collier	Well ID:	Yes No		
PO #:	701162.112.01	Well ID:	Yes No		
SAMPLE RECEIPT	Temp Blank:	Thermometer ID:	701162.112.01		
Samples Received Inact:	Yes No	Correction Factor:	-0.2		
Cooler Custody Seals:	Yes No	Temperature Reading:	1.4		
Sample Custody Seals:	Yes No	Corrected Temperature:	1.2		
Total Containers:					



890-1435 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grav/Comp	# of Cont	BTX	TPH	Chlorides	ANALYSIS REQUEST	Preservative Codes
R-1	Soil	10/12/2021	9:20	1.5'	Comp	1	X	X	X		None: NO DI Water: H ₂ O
R-2			9:25								Cool: Cool MeOH: Me
R-3			9:30								HCL: HC HNO ₃ : HN
R-4			10:20								H ₂ SO ₄ : H ₂ NaOH: Na
R-5			10:25								H ₃ PO ₄ : HP
R-6			10:30								NaHSO ₄ : NABIS
R-7			11:00								Na ₂ S ₂ O ₅ : NaSO ₃
R-8			11:05								Zn Acetate+NaOH: Zn
R-9			11:10								NaOH+Ascorbic Acid: SAPC
R-10			12:00								

Total 200.7 / 6010 200.8 / 6020:

8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TELP+SPRP-0010-8RCRA SD AS BA BE CD CR CO CU PB MN MO NI SE AG TI U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins 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 \$35.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	10/14/21 1300	3 <i>[Signature]</i>	4 <i>[Signature]</i>	
5			6		



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) 794-1295
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenoco.com Page 3 of 3

Project Manager:	R. Pons	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM, 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	rponts@talonlpe.com, jcarmes@talonlpe.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Red Tank 4 Fed 1 (Red Tank)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	701162.112.01	Due Date:	10/22/2021		
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	M. Collier				
PO #:	701162.112.01				
SAMPLE RECEIPT					
Samples Received Intact:	Yes No	Thermometer ID:	Wet Ice:	Yes No	
Cooler Custody Seals:	Yes No	Correction Factor:			
Sample Custody Seals:	Yes No	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX	TPH	Chloride																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Total 200.7 / 6010	200.8 / 6020:	BRORA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TECP / SPLP 6010: BRORA SD AS BA BE CD CR CO CU PB MN MO NI SE AG TI U	Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins 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 \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>M. Collier</i>	<i>Joe Cufy</i>	10-14-21 1300			
3		4			
5		6			

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88320
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing
America

MW 62:35:7 2202/12/1 :gimgw of passed
Released

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No
Shipping/Receiving		Phone	Kramer Jessica		890-4842
Company		E-Mail	Jessica.kramer@eurofins.com	State of Origin	Page 2 of 3
Eurofins Xenco		Accreditations Required (See note)	NEIAP - Texas		Job #
Address:		Due Date Requested			890-1435-1
1211 W Florida Ave		10/20/2021			
City		TAT Requested (days)			
Midland					
State Zip					
TX 79701					
Phone		PO #			
432-704-5440(Tel)		WO #			
Email		Project #			
		89000040			
Project Name:		SSOW#			
Red Tank 4 Fed 1 (Red Tank)					
Site					
Sample Identification - Client ID (Lab ID)					
R-10 (890-1435-10)	Sample Date	Sample Time	Sample Type (G=grab, B=Batch, etc.)	Matrix (Water, Soil, etc.)	Field Filtered Sample (Yes or No)
	10/12/21	12 00	Mountain	Solid	
R-11 (890-1435-11)	10/12/21	12 05	Mountain	Solid	
R-12 (890-1435-12)	10/12/21	12 10	Mountain	Solid	
R-13 (890-1435-13)	10/12/21	12 15	Mountain	Solid	
R-14 (890-1435-14)	10/12/21	12 20	Mountain	Solid	
R-15 (890-1435-15)	10/12/21	13 15	Mountain	Solid	
R-16 (890-1435-16)	10/12/21	13 20	Mountain	Solid	
R-17 (890-1435-17)	10/12/21	13 25	Mountain	Solid	
SW-1 (890-1435-18)	10/12/21	13 30	Mountain	Solid	
Analysis Requested					
Perform MS/MSD (Yes or No)					
8021B/6035FP_Calc (MOD) BTEX					
Total BTEX GCV					
8015MOD_NM/8015NM_S_Prep (MOD) Full TPH					
8015MOD_Calc					
300_ORGFM_28D/DI_LEACH Chloride					
Total Number of Containers					
Special Instructions/Note					
Preservation Codes					
A. HCL M. Hexane					
B. NaOH N. None					
C. Zn Acetate O. AsHCl3					
D. Nitric Acid P. Na2CO3					
E. NaHSO4 Q. Na2SO3					
F. MeOH R. Na2S2O3					
G. Amchlor S. H2SO4					
H. Ascorbic Acid T. TSP Dodecylalate					
I. Ice U. Acetone					
J. DI Water V. MCAA					
K. EDTA W. pH 4.5					
L. EDA Z. other (specify)					
Other:					

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analysis & accreditation compliance upon our subcontracted 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/analysis 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 compliance to Eurofins Xenco LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank: 2 Special Instructions/QC Requirements

Empty Kit Relinquished by Date Time Method of Shipment:

Relinquished by Date/Time Company Received by Date/Time Company

Relinquished by Date/Time Company Received by Date/Time Company

Relinquished by Date/Time Company Received by Date/Time Company

Custody Seal Intact: Custody Seal No Cooler Temperature(s) °C and Other Remarks:

Δ Yes Δ No

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Chain of Custody Record

Client Information (Sub Contract Lab)				Sampler	Lab PM	Carrier Tracking No(s)	COC No.									
Client Contact				Phone	Kramer Jessica	State of Origin	890-464 3									
Shipping/Receiving				E-Mail	jessica.kramer@eurofins.com	New Mexico	Page 3 of 3									
Company				Accreditations Required (See note)												
Eurofins Xenco				NELAP - Texas												
Address				Due Date Requested	Job #											
1211 W Florida Ave				10/20/2021	890-1435-1											
City				TAT Requested (days)	Preservation Codes											
Mililani					A HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH G - Anhydrous H Ascorbic Acid I Ice J DI Water K EDTA L EDA Other											
State, Zip				PO #	M Hexane N None O - AsNaO2 P Na2CO3 Q Na2SO3 R Na2S2O3 S - H2SO4 T TSP Dodecylaltrale U Acetone V MCAA W pH 4.5 Z other (Specify)											
Phone				W/O #												
432-704-5440(Tel)																
Email				Project #												
				89000040												
Project Name				SSOV#												
Red Tank 4 Fed 1 (Red Tank)																
Site																
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=soil, G=grass, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/6035FP_Calo (MOD) BTEX	Total BTEX_GCV	8015MOD_NM/8016NM_S_Prep (MOD) Full TPH	8015MOD_Calo	300_ORGFM_28/DI_LEACH Chloride	Total Number of Containers	Special Instructions/Note
SW-2 (890-1435-15)				10/12/21	13 35		Solid		X	X	X	X	X	X	X	
SW-3 (890-1435-20)				10/12/21	13 04		Solid		X	X	X	X	X	X	X	
SW-4 (890-1435-21)				10/12/21	13 45		Solid		X	X	X	X	X	X	X	
SW-5 (890-1435-22)				10/12/21	13 50		Solid		X	X	X	X	X	X	X	
SW-6 (890-1435-23)				10/12/21	13 55		Solid		X	X	X	X	X	X	X	
SW-7 (890-1435-24)				10/12/21	14 00		Solid		X	X	X	X	X	X	X	
SW-8 (890-1435-25)				10/12/21	14 05		Solid		X	X	X	X	X	X	X	
SW-9 (890-1435-26)				10/12/21	14 10		Solid		X	X	X	X	X	X	X	

Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our 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, the sample 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 compliance to Eurofins Xenco LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested I II III IV Other (Specify) Primary Deliverable Rank 2

Special Instructions/QC Requirements

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Months

Empty Kit Relinquished by Date Time Company Received by Date Time Company

Relinquished by Date Time Company Received by Date Time Company

Relinquished by Date Time Company Received by Date Time Company

Custody Seals Intact Custody Seal No Cooler Temperature(s) °C and Other Remarks

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1435-1

SDG Number: Lea County NM

Login Number: 1435

List Source: Eurofins Xenco, Carlsbad

List Number: 1

Creator: Clifton, Cloe

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

Login Sample Receipt Checklist

Client: Talon/LPE

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

Login Number: 1435

List Source: Eurofins Xenco, Midland

List Number: 2

List Creation: 10/15/21 12:19 PM

Creator: Kramer, Jessica

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



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

A handwritten signature in cursive script that reads "J. 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
TotalAccess

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**Ask
The
Expert**

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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.

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

Eurofins Xenco, Carlsbad

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.

Client Sample Results

Client: Talon/LPE

Job ID: 890-1434-1

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

SDG: Lea County NM

Client Sample ID: S-39

Lab Sample ID: 890-1434-1

Date Collected: 10/13/21 10:15

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		10/19/21 15:07	10/21/21 14:28	1
Toluene	0.000931	J	0.00199	0.000454	mg/Kg		10/19/21 15:07	10/21/21 14:28	1
Ethylbenzene	<0.00199	U	0.00199	0.000563	mg/Kg		10/19/21 15:07	10/21/21 14:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	0.00101	mg/Kg		10/19/21 15:07	10/21/21 14:28	1
o-Xylene	0.000852	J	0.00199	0.000343	mg/Kg		10/19/21 15:07	10/21/21 14:28	1
Xylenes, Total	<0.00398	U	0.00398	0.00101	mg/Kg		10/19/21 15:07	10/21/21 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				10/19/21 15:07	10/21/21 14:28	1
1,4-Difluorobenzene (Surr)	146	X	70 - 130				10/19/21 15:07	10/21/21 14:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00178	J	0.00398	0.00101	mg/Kg			10/25/21 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66.2		49.9	15.0	mg/Kg			10/20/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	36.2	J	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 12:03	1
Diesel Range Organics (Over C10-C28)	30.0	J	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 12:03	1
Oil 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 Fac
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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	214		5.01	0.860	mg/Kg			10/21/21 19:13	1

Client Sample ID: S-40

Lab Sample ID: 890-1434-2

Date Collected: 10/13/21 10:20

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	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	10/21/21 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

Eurofins Xenco, Carlsbad

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-40

Lab Sample ID: 890-1434-2

Date Collected: 10/13/21 10:20

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 5

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

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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00231	J	0.00398	0.00101	mg/Kg			10/25/21 18:48	1

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

Analyte	Result	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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	38.0	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:04	1
Diesel Range Organics (Over C10-C28)	28.6	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	214		4.95	0.850	mg/Kg			10/21/21 19:20	1

Client Sample ID: S-41

Lab Sample ID: 890-1434-3

Date Collected: 10/13/21 10:25

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 3 - 4

Method: 8021B - Volatile Organic Compounds (GC)

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	X	70 - 130	10/19/21 15:07	10/21/21 15:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/19/21 15:07	10/21/21 15:09	1

Method: Total BTEX - Total BTEX 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 Range Organics (DRO) (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

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-41

Lab Sample ID: 890-1434-3

Date Collected: 10/13/21 10:25

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 3 - 4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	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
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:24	1
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 Chromatography - 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

Client Sample ID: S-42

Lab Sample ID: 890-1434-4

Date Collected: 10/13/21 11:05

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000848	J b	0.00200	0.000385	mg/Kg		10/19/21 15:07	10/21/21 15:29	1
Toluene	0.000922	J	0.00200	0.000456	mg/Kg		10/19/21 15:07	10/21/21 15:29	1
Ethylbenzene	0.000566	J b	0.00200	0.000565	mg/Kg		10/19/21 15:07	10/21/21 15:29	1
m-Xylene & p-Xylene	0.00139	J	0.00400	0.00101	mg/Kg		10/19/21 15:07	10/21/21 15:29	1
o-Xylene	0.000688	J	0.00200	0.000344	mg/Kg		10/19/21 15:07	10/21/21 15:29	1
Xylenes, Total	0.00208	J	0.00400	0.00101	mg/Kg		10/19/21 15:07	10/21/21 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				10/19/21 15:07	10/21/21 15:29	1
1,4-Difluorobenzene (Surr)	75		70 - 130				10/19/21 15:07	10/21/21 15:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00441		0.00400	0.00101	mg/Kg			10/25/21 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.4		50.0	15.0	mg/Kg			10/20/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 14:05	1
Diesel Range Organics (Over C10-C28)	50.4		50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 14:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	56	X	70 - 130				10/20/21 10:32	10/20/21 14:05	1
o-Terphenyl	121		70 - 130				10/20/21 10:32	10/20/21 14:05	1

Eurofins Xenco, Carlsbad

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

Lab Sample ID: 890-1434-4

Date Collected: 10/13/21 11:05

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - 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

Lab Sample ID: 890-1434-5

Date Collected: 10/13/21 11:10

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5 - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	0.000383	mg/Kg		10/19/21 15:07	10/21/21 15:49	1
Toluene	<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 BTEX 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 Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	56.8		49.9	15.0	mg/Kg			10/20/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.7	J	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:44	1
Diesel Range Organics (Over C10-C28)	34.1	J	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	10/20/21 10:32	10/20/21 13:44	1
o-Terphenyl	127		70 - 130	10/20/21 10:32	10/20/21 13:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	201		4.97	0.853	mg/Kg			10/21/21 19:56	1

Eurofins Xenco, Carlsbad

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-44

Lab Sample ID: 890-1434-6

Date Collected: 10/13/21 11:15

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5 - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	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	1
Toluene	0.000659	J	0.00202	0.000461	mg/Kg		10/19/21 15:07	10/21/21 16:10	1
Ethylbenzene	0.00149	J b	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	U	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		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 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 - Diesel Range Organics (DRO) (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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	31.5	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 14:25	1
Diesel Range Organics (Over C10-C28)	30.5	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 14:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				10/20/21 10:32	10/20/21 14:25	1
o-Terphenyl	134	X	70 - 130				10/20/21 10:32	10/20/21 14:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	193		5.05	0.867	mg/Kg			10/21/21 20:03	1

Client Sample ID: S-45

Lab Sample ID: 890-1434-7

Date Collected: 10/13/21 12:00

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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	U	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

Eurofins Xenco, Carlsbad

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

Lab Sample ID: 890-1434-7

Date Collected: 10/13/21 12:00

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	84		70 - 130	10/19/21 15:07	10/21/21 17:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	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 (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	74.5		49.9	15.0	mg/Kg			10/20/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	35.4	J	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 14:45	1
Diesel Range Organics (Over C10-C28)	39.1	J	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 14:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	10/20/21 10:32	10/20/21 14:45	1
o-Terphenyl	143	X	70 - 130	10/20/21 10:32	10/20/21 14:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197		5.00	0.858	mg/Kg			10/21/21 20:10	1

Client Sample ID: SW-10

Lab Sample ID: 890-1434-8

Date Collected: 10/13/21 12:05

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

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 BTEX 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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	80.1		49.9	15.0	mg/Kg			10/20/21 13:58	1

Eurofins Xenco, Carlsbad

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

Lab Sample ID: 890-1434-8

Date Collected: 10/13/21 12:05

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	51.4		49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 15:05	1
Diesel Range Organics (Over C10-C28)	28.7	J	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 15:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	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

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		5.01	0.860	mg/Kg			10/21/21 20:17	1

Client Sample ID: SW-11

Lab Sample ID: 890-1434-9

Date Collected: 10/13/21 12:10

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	0.000382	mg/Kg		10/21/21 13:00	10/22/21 13:04	1
Toluene	<0.00198	U	0.00198	0.000452	mg/Kg		10/21/21 13:00	10/22/21 13:04	1
Ethylbenzene	<0.00198	U	0.00198	0.000561	mg/Kg		10/21/21 13:00	10/22/21 13:04	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	0.00100	mg/Kg		10/21/21 13:00	10/22/21 13:04	1
o-Xylene	<0.00198	U	0.00198	0.000341	mg/Kg		10/21/21 13:00	10/22/21 13:04	1
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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	0.00100	mg/Kg			10/25/21 18:48	1

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

Analyte	Result	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 C10-C28)	29.9	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 15:25	1
Oil 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

Eurofins Xenco, Carlsbad

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

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.7		4.97	0.853	mg/Kg			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

Lab Sample ID: 890-1434-10

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

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	Dil 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 Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	41.2	J	50.0	15.0	mg/Kg		10/21/21 09:49	10/21/21 17:34	1
Diesel Range Organics (Over C10-C28)	16.4	J *	50.0	15.0	mg/Kg		10/21/21 09:49	10/21/21 17:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/21/21 09:49	10/21/21 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	10/21/21 09:49	10/21/21 17:34	1
o-Terphenyl	116		70 - 130	10/21/21 09:49	10/21/21 17:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		4.99	0.857	mg/Kg			10/21/21 20:46	1

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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-13

Lab Sample ID: 890-1434-11

Date Collected: 10/13/21 13:05

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 3 - 4

Method: 8021B - Volatile Organic Compounds (GC)

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 09:08	1
Toluene	<0.00200	U	0.00200	0.000456	mg/Kg		10/19/21 15:01	10/21/21 09:08	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		10/19/21 15:01	10/21/21 09:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/19/21 15:01	10/21/21 09:08	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		10/19/21 15:01	10/21/21 09:08	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/19/21 15:01	10/21/21 09:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				10/19/21 15:01	10/21/21 09:08	1
1,4-Difluorobenzene (Surr)	89		70 - 130				10/19/21 15:01	10/21/21 09:08	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: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	39.7	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 16:27	1
Diesel Range Organics (Over C10-C28)	26.1	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 16:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/20/21 10:32	10/20/21 16:27	1
o-Terphenyl	109		70 - 130				10/20/21 10:32	10/20/21 16:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		4.96	0.851	mg/Kg			10/21/21 21:07	1

Client Sample ID: SW-14

Lab Sample ID: 890-1434-12

Date Collected: 10/13/21 13:10

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5 - 2

Method: 8021B - Volatile Organic Compounds (GC)

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	mg/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	mg/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

Client Sample Results

Client: Talon/LPE

Job ID: 890-1434-1

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

SDG: Lea County NM

Client Sample ID: SW-14

Lab Sample ID: 890-1434-12

Date Collected: 10/13/21 13:10

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5 - 2

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	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 (DRO) (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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	46.7	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 16:47	1
Diesel Range Organics (Over C10-C28)	26.1	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 16:47	1
Oil 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 Chromatography - Soluble

Analyte	Result	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

Lab Sample ID: 890-1434-13

Date Collected: 10/13/21 13:50

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5 - 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00117	J	0.00396	0.00100	mg/Kg			10/25/21 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63.8		50.0	15.0	mg/Kg			10/20/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	39.1	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 17:07	1

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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

Lab Sample ID: 890-1434-13

Date Collected: 10/13/21 13:50

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5 - 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	24.7	J	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 17:07	1
Oil 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 Chromatography - 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

Lab Sample ID: 890-1434-14

Date Collected: 10/13/21 13:55

Matrix: Solid

Date Received: 10/14/21 13:00

Sample Depth: 1.5

Method: 8021B - Volatile Organic Compounds (GC)

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
Total BTEX	<0.00402	U	0.00402	0.00102	mg/Kg			10/25/21 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.5		49.9	15.0	mg/Kg			10/20/21 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	33.8	J	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 17:27	1
Diesel Range Organics (Over C10-C28)	24.7	J	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 17:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/20/21 10:32	10/20/21 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/20/21 10:32	10/20/21 17:27	1
o-Terphenyl	102		70 - 130				10/20/21 10:32	10/20/21 17:27	1

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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-16

Lab Sample ID: 890-1434-14

Date Collected: 10/13/21 13:55

Matrix: Solid

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
Chloride	13.4		5.04	0.865	mg/Kg			10/21/21 21:29	1

Surrogate Summary

Client: Taton/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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (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	S-39	136 X	125
890-1434-1 MSD	S-39	96	92
890-1434-2	S-40	95	100
890-1434-3	S-41	67 X	97
890-1434-4	S-42	88	75
890-1434-5	S-43	97	105
890-1434-6	S-44	100	102
890-1434-7	S-45	89	84
890-1434-8	SW-10	106	102
890-1434-9	SW-11	99	116
890-1434-10	SW-12	95	112
890-1434-11	SW-13	123	89
890-1434-12	SW-14	113	104
890-1434-13	SW-15	128	89
890-1434-14	SW-16	120	67 X
890-1436-A-1-D MS	Matrix Spike	94	92
890-1436-A-1-E MSD	Matrix Spike Duplicate	95	92
LCS 880-10082/1-A	Lab Control Sample	102	96
LCS 880-9909/1-A	Lab Control Sample	113	101
LCS 880-9911/1-A	Lab Control Sample	88	99
LCSD 880-10082/2-A	Lab Control Sample Dup	102	97
LCSD 880-9909/2-A	Lab Control Sample Dup	113	99
LCSD 880-9911/2-A	Lab Control Sample Dup	88	102
MB 880-10082/5-A	Method Blank	111	98
MB 880-9753/5-A	Method Blank	106	94
MB 880-9909/5-A	Method Blank	103	97
MB 880-9911/5-A	Method Blank	100	104
MB 880-9954/5-A	Method Blank	118	103
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-7346-A-1-F MS	Matrix Spike	127	124
880-7346-A-1-G MSD	Matrix Spike Duplicate	123	125
890-1434-1	S-39	93	94
890-1434-1 MS	S-39	98	95
890-1434-1 MSD	S-39	101	96
890-1434-2	S-40	88	91
890-1434-3	S-41	102	120
890-1434-4	S-42	56 X	121

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Surrogate Summary

Client: Talon/LPE

Job ID: 890-1434-1

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

SDG: Lea County NM

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1434-5	S-43	113	127
890-1434-6	S-44	109	134 X
890-1434-7	S-45	121	143 X
890-1434-8	SW-10	108	122
890-1434-9	SW-11	113	127
890-1434-10	SW-12	107	116
890-1434-11	SW-13	101	109
890-1434-12	SW-14	97	94
890-1434-13	SW-15	93	94
890-1434-14	SW-16	102	102
LCS 880-10073/2-A	Lab Control Sample	88	83
LCS 880-9952/2-A	Lab Control Sample	90	87
LCSD 880-10073/3-A	Lab Control Sample Dup	98	94
LCSD 880-9952/3-A	Lab Control Sample Dup	82	80
MB 880-10073/1-A	Method Blank	103	108
MB 880-9952/1-A	Method Blank	97	104

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: 890-1434-1

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000365	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-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

Surrogate	MB %Recovery	MB 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: LCS 880-10082/1-A

Matrix: Solid

Analysis Batch: 10086

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10082

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-10082/2-A

Matrix: Solid

Analysis Batch: 10086

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10082

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08243		mg/Kg		82	70 - 130	4	35
Toluene	0.100	0.08181		mg/Kg		82	70 - 130	1	35
Ethylbenzene	0.100	0.08657		mg/Kg		87	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1690		mg/Kg		84	70 - 130	2	35
o-Xylene	0.100	0.08784		mg/Kg		88	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD 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

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

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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

Analysis Date: 10/20/20									
Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier			Limits	
Ethylbenzene	<0.00199	U	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
Surrogate	MS	MS	Limits						
	%Recovery	Qualifier							
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

Analysis Date: 10/05/00

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	<0.00199	U	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	U	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-Difluorobenzene (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

	MB	MB							
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
	MB	MB							
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

Analyte	MB Result	MB 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

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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: MB 880-9909/5-A

Matrix: Solid

Analysis Batch: 9941

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 9909

Analyte	MB Result	MB 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

Surrogate	MB %Recovery	MB 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-Difluorobenzene (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

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

Surrogate	LCS %Recovery	LCS Qualifier	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

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

Surrogate	LCSD %Recovery	LCSD 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

Analysis Batch: 9941

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 9909

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

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QC Sample Results

Client: Talon/LPE

Job ID: 890-1434-1

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

SDG: Lea County NM

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

Lab Sample ID: 890-1412-A-41-D MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 9941

Prep Batch: 9909

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	X	70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-1412-A-41-E MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 9941

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

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 10084

Prep Batch: 9911

	MB	MB								
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	U	0.00400	0.00101	mg/Kg		10/19/21 15:07	10/21/21 13:59	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	100		70 - 130	10/19/21 15:07	10/21/21 13:59	1				
1,4-Difluorobenzene (Surr)	104		70 - 130	10/19/21 15:07	10/21/21 13:59	1				

Lab Sample ID: LCS 880-9911/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 10084

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

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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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1055		mg/Kg		105	70 - 130	2	35
Toluene	0.100	0.1109		mg/Kg		111	70 - 130	3	35
Ethylbenzene	0.100	0.1167		mg/Kg		117	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2266		mg/Kg		113	70 - 130	0	35
o-Xylene	0.100	0.1189		mg/Kg		119	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD 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

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	X	70 - 130
1,4-Difluorobenzene (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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.07836		mg/Kg		78	70 - 130	18	35
Toluene	0.000931	J	0.100	0.09275		mg/Kg		92	70 - 130	22	35
Ethylbenzene	<0.00199	U	0.100	0.09852		mg/Kg		99	70 - 130	19	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1818		mg/Kg		91	70 - 130	19	35
o-Xylene	0.000852	J	0.100	0.09965		mg/Kg		99	70 - 130	27	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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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: MB 880-9954/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 10086							Prep Batch: 9954		
Analyte	MB Result	MB 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
Surrogate	MB %Recovery	MB 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: Total/NA		
Analysis Batch: 10053							Prep Batch: 10073		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		10/21/21 09:49	10/21/21 11:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/21/21 09:49	10/21/21 11:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/21/21 09:49	10/21/21 11:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				10/21/21 09:49	10/21/21 11:42	1
o-Terphenyl	108		70 - 130				10/21/21 09:49	10/21/21 11:42	1

Lab Sample ID: LCS 880-10073/2-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 10053							Prep Batch: 10073		
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	801.8		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	816.3		mg/Kg		82	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	88		70 - 130						
o-Terphenyl	83		70 - 130						

Lab Sample ID: LCSD 880-10073/3-A							Client Sample ID: Lab Control Sample Dup		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 10053							Prep Batch: 10073		
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	983.9		mg/Kg		98	70 - 130	20	20

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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 Type: Total/NA						
Analysis Batch: 10053				Prep Batch: 10073						
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit	
Diesel Range Organics (Over C10-C28)	1000	1020	*	mg/Kg		102	70 - 130	22	20	
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane	98		70 - 130							
o-Terphenyl	94		70 - 130							

Lab Sample ID: 880-7346-A-1-F MS				Client Sample ID: Matrix Spike						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 10053				Prep Batch: 10073						
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Gasoline Range Organics (GRO)-C6-C10	16.4	J	996	1082		mg/Kg		107	70 - 130	
Diesel Range Organics (Over C10-C28)	1190	*	996	2214		mg/Kg		103	70 - 130	
Surrogate	MS %Recovery	MS 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					
Analysis Batch: 10053						Prep Batch: 10073					
	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	16.4	J	998	1061		mg/Kg		105	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1190	*	998	2245		mg/Kg		106	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	123		70 - 130								
o-Terphenyl	125		70 - 130								

Lab Sample ID: MB 880-9952/1-A				Client Sample ID: Method Blank						
Matrix: Solid				Prep Type: Total/NA						
Analysis Batch: 9929				Prep Batch: 9952						
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 11:03	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	15.0	mg/Kg		10/20/21 10:32	10/20/21 11:03	1	
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	
Surrogate	MB %Recovery	MB Qualifier	Limits							
1-Chlorooctane	97		70 - 130							
o-Terphenyl	104		70 - 130							

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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 880-9952/2-A

Matrix: Solid

Analysis Batch: 9929

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 9952

		Spike	LCS	LCS	%Rec.			
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10		1000	935.6		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)		1000	898.6		mg/Kg		90	70 - 130
		LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits					
1-Chlorooctane	90		70 - 130					
o-Terphenyl	87		70 - 130					

Lab Sample ID: LCSD 880-9952/3-A

Matrix: Solid

Analysis Batch: 9929

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 9952

Analysis Batch: 5525										
Analyte		Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
			Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10		1000	772.9		mg/Kg		77	70 - 130	19	20
Diesel Range Organics (Over C10-C28)		1000	779.9		mg/Kg		78	70 - 130	14	20
Surrogate	LCSD		Limits							
	%Recovery	Qualifier								
1-Chlorooctane	82		70 - 130							
o-Terphenyl	80		70 - 130							

Lab Sample ID: 890-1434-1 MS

Matrix: Solid

Analysis Batch: 9929

Client Sample ID: S-39

Prep Type: Total/NA

Prep Batch: 9952

Analysis Date: 06/19									
Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits
Gasoline Range Organics (GRO)-C6-C10	36.2	J	997	886.1		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	30.0	J	997	913.5		mg/Kg		89	70 - 130
Surrogate	MS	MS							
	%Recovery	Qualifier	Limits						
1-Chlorooctane	98		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: 890-1434-1 MSD

Matrix: Solid

Analysis Batch: 9929

Client Sample ID: S-39

Prep Type: Total/NA

Prep Batch: 9952

Analysis Data: 0010											
Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	36.2	J	998	967.8		mg/Kg		93	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	30.0	J	998	913.1		mg/Kg		88	70 - 130	0	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	101		70 - 130								

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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

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	96		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-9768/1-A
Matrix: Solid
Analysis Batch: 10010

Client Sample ID: Method Blank
Prep Type: Soluble

	MB	MB								
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	

Lab Sample ID: LCS 880-9768/2-A
Matrix: Solid
Analysis Batch: 10010

Client Sample ID: Lab Control Sample
Prep Type: Soluble

	MB	MB								
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	

Lab Sample ID: LCSD 880-9768/3-A
Matrix: Solid
Analysis Batch: 10010

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

	MB	MB								
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	

Lab Sample ID: 890-1434-8 MS
Matrix: Solid
Analysis Batch: 10010

Client Sample ID: SW-10
Prep Type: Soluble

	Sample	Sample	Spike	MS	MS					
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	%Rec. Limits	
Chloride	195		251	443.6		mg/Kg		99	90 - 110	

Lab Sample ID: 890-1434-8 MSD
Matrix: Solid
Analysis Batch: 10010

Client Sample ID: SW-10
Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD					
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	%Rec. Limits	RPD Limit
Chloride	195		251	444.8		mg/Kg		100	90 - 110	0 20

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 Batch: 9753

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	8021B	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

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-9	SW-11	Total/NA	Solid	5035	
890-1434-10	SW-12	Total/NA	Solid	5035	

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QC Association Summary

Client: Talon/LPE

Job ID: 890-1434-1

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

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	

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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	Total/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 Batch
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	Total/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	
890-1434-1 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	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE

Job ID: 890-1434-1

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

SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 10003 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	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	Prep Type	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

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-10	SW-12	Total/NA	Solid	8015NM Prep	
MB 880-10073/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-10073/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-10073/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-7346-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-7346-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 9768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-1	S-39	Soluble	Solid	DI Leach	
890-1434-2	S-40	Soluble	Solid	DI Leach	
890-1434-3	S-41	Soluble	Solid	DI Leach	
890-1434-4	S-42	Soluble	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	
LCSD 880-9768/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1434-8 MS	SW-10	Soluble	Solid	DI Leach	
890-1434-8 MSD	SW-10	Soluble	Solid	DI Leach	

Analysis Batch: 10010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1434-1	S-39	Soluble	Solid	300.0	9768
890-1434-2	S-40	Soluble	Solid	300.0	9768

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE

Job ID: 890-1434-1

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

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	Soluble	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	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
890-1434-8 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

Lab Sample ID: 890-1434-1

Date Collected: 10/13/21 10:15

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	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

Lab Sample ID: 890-1434-2

Date Collected: 10/13/21 10:20

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	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	CH	XEN MID

Client Sample ID: S-41

Lab Sample ID: 890-1434-3

Date Collected: 10/13/21 10:25

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	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 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 13:24	AJ	XEN MID
Soluble	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 19:42	CH	XEN MID

Client Sample ID: S-42

Lab Sample ID: 890-1434-4

Date Collected: 10/13/21 11:05

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 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

Eurofins Xenco, Carlsbad

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

Lab Sample ID: 890-1434-4

Date Collected: 10/13/21 11:05

Matrix: Solid

Date Received: 10/14/21 13:00

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			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	CH	XEN MID

Client Sample ID: S-43

Lab Sample ID: 890-1434-5

Date Collected: 10/13/21 11:10

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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	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 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

Lab Sample ID: 890-1434-6

Date Collected: 10/13/21 11:15

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	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			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	CH	XEN MID

Client Sample ID: S-45

Lab Sample ID: 890-1434-7

Date Collected: 10/13/21 12:00

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	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

Eurofins Xenco, Carlsbad

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

Lab Sample ID: 890-1434-7

Date Collected: 10/13/21 12:00

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 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

Lab Sample ID: 890-1434-8

Date Collected: 10/13/21 12:05

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	9911	10/19/21 15:07	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10084	10/21/21 17:28	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 15:05	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 20:17	CH	XEN MID

Client Sample ID: SW-11

Lab Sample ID: 890-1434-9

Date Collected: 10/13/21 12:10

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	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

Lab Sample ID: 890-1434-10

Date Collected: 10/13/21 13:00

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 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	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Talon/LPE

Job ID: 890-1434-1

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

SDG: Lea County NM

Client Sample ID: SW-13

Lab Sample ID: 890-1434-11

Date Collected: 10/13/21 13:05

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 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 09:08	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

Lab Sample ID: 890-1434-12

Date Collected: 10/13/21 13:10

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	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
Soluble	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	CH	XEN MID

Client Sample ID: SW-15

Lab Sample ID: 890-1434-13

Date Collected: 10/13/21 13:50

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	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

Lab Sample ID: 890-1434-14

Date Collected: 10/13/21 13:55

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	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

Eurofins Xenco, Carlsbad

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-16

Lab Sample ID: 890-1434-14

Date Collected: 10/13/21 13:55

Matrix: Solid

Date Received: 10/14/21 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
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 17:27	AJ	XEN MID
Soluble	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 21:29	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Talon/LPE

Job ID: 890-1434-1

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

SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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
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

Sample Summary

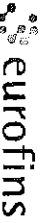
Client: Talon/LPE

Job ID: 890-1434-1

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

SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1434-1	S-39	Solid	10/13/21 10:15	10/14/21 13:00	5
890-1434-2	S-40	Solid	10/13/21 10:20	10/14/21 13:00	5
890-1434-3	S-41	Solid	10/13/21 10:25	10/14/21 13:00	3 - 4
890-1434-4	S-42	Solid	10/13/21 11:05	10/14/21 13:00	3
890-1434-5	S-43	Solid	10/13/21 11:10	10/14/21 13:00	1.5 - 2
890-1434-6	S-44	Solid	10/13/21 11:15	10/14/21 13:00	1.5 - 2
890-1434-7	S-45	Solid	10/13/21 12:00	10/14/21 13:00	1.5
890-1434-8	SW-10	Solid	10/13/21 12:05	10/14/21 13:00	5
890-1434-9	SW-11	Solid	10/13/21 12:10	10/14/21 13:00	5
890-1434-10	SW-12	Solid	10/13/21 13:00	10/14/21 13:00	3 - 4
890-1434-11	SW-13	Solid	10/13/21 13:05	10/14/21 13:00	3 - 4
890-1434-12	SW-14	Solid	10/13/21 13:10	10/14/21 13:00	1.5 - 2
890-1434-13	SW-15	Solid	10/13/21 13:50	10/14/21 13:00	1.5 - 2
890-1434-14	SW-16	Solid	10/13/21 13:55	10/14/21 13:00	1.5



Environmental Testing
Laboratory

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) 794-1295
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 1 of 2

Project Manager:	R. Pons	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	rpons@talonpe.com, icarnes@talonpe.com

ANALYSIS REQUEST

Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDO <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Preservative Codes

None: NO DI Water: H₂O
Cool: Cool MeOH: Me
HCL: HCl HNO₃: HN
H₂SO₄: H₂ NaOH: Na
H₃PO₄: HP
NaHSO₄: NABIS
Na₂S₂O₃: NaSO₃
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SACP

Sample Comments

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX	TPH	Chlorides	Pres. Code	Parameters
S-39	Soil	10/13/2021	10:15	5'	Comp	1	X	X	X		
S-40			10:20	5'							
S-41			10:25	3-4'							
S-42			11:05	3'							
S-43			11:10	1.5-2'							
S-44			11:15	1.5-2'							
S-45			12:00	1.5'							
SW-10			12:05	5'							
SW-11			12:10	5'							
SW-12			1:00	3-4'							

Total 200.7 / 6010 200.8 / 6020:

Circle Method(s) and Material(s) to be analyzed: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
TCPLP/SPCLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Fe Pb Mn Mo Ni Se Ag Ti U Hg: 1691 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-14-21 1300			
3					
5					



DEFINITION OF TERMS

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) 794-1295
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenon.com Page 2 of 2

Project Manager:	R. Pons	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	rpons@talonlpe.com, jearnes@talonlpe.com

Program: <input type="checkbox"/> ST/PT <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: _____ Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	
Work Order Comments _____ _____ _____	

Project Name:	Red Tank 4 Fed 1 (Red Tank)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	701162.112.01	Due Date:	10/22/2021		
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	M. Collier				
PO #:	701162.112.01				
SAMPLE RECEIPT Samples Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Thermometer ID: _____ Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Correction Factor: _____ Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Temperature Reading: _____ Total Containers: _____ Corrected Temperature: _____					

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	BTEX	TPH	Chloride																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SIO₂ Na Sr Ti Sn U V Zn
 Circle-Method(s) and Metal(s) to be analyzed: TCLP / SPLP 6010: 8RCRA SD AS BA BE CD CR CO CU PB MN MO NI SE AG TI U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenon, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenon 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 Xenon. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenon, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>M. Collier</i>	<i>Joe C...</i>	10.14.21 13:53			
3		4			
5		6			

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

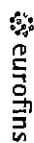
MW 62:35:7 2202/12/1 :gungawj of pasedaw Released

Client Information (Sub Contract Lab)		Sampler	Lab Pk	Carrier Tracking No(s)	COC No
Client Contact	Phone	Kramer Jessica			890-464 1
Shipping/Receiving	E-Mail	Jessica.Kramer@eurofins.com	State of Origin	Page 1 of 2	
Company	Address	NEAP - Texas	New Mexico	Page 1 of 2	
Eurofins Xenco	1211 W Florida Ave	Due Date Requested	10/20/2021	Job #	890-1434-1
City	Midland	TAT Requested (days)		Analysis Requested	
State Zip	TX 79701	PO #		Preservation Codes	
Phone	432-704-5440(Ext)	WO #		A. HCl B. NaOH C. Zn Acetate D. Nitric Acid E. NaHSO4 F. MeOH G. Amelcor H. Ascorbic Acid I. Ice J. DI Water K. EDTA L. EDA Other	
Email		Project #	89000040	M. Hexane N. None O. AsV2O2 P. Na2O4S Q. Na2SO3 R. Na2SO3 S. H2SO4 T. TSP Dodecahydrate U. Acetone V. MCAA W. pH 4-5 Z. other (specify)	
Project Name	Red Tank 4 Fed 1 (Red Tank)	SSOV#			
Site					
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=sediment, O=oil, L=leachate, A=air)
S-39 (890-1434-1)		10/13/21	10 15		Solid
S-40 (890-1434-2)		10/13/21	10 20		Solid
S-41 (890-1434-3)		10/13/21	10 25		Solid
S-42 (890-1434-4)		10/13/21	11 05		Solid
S-43 (890-1434-5)		10/13/21	11 10		Solid
S-44 (890-1434-6)		10/13/21	11 15		Solid
S-45 (890-1434-7)		10/13/21	12 00		Solid
SW-10 (890-1434-8)		10/13/21	12 05		Solid
SW-11 (890-1434-9)		10/13/21	12 10		Solid
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analysis & accreditation compliance upon our 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/assessments being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other institutions 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 compliance to Eurofins Xenco LLC.					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested I II III IV Other (specify)					
Primary Deliverable Rank 2					
Special Instructions/QC Requirements					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months					
Empty Kit Relinquished by					
Relinquished by					
Relinquished by					
Relinquished by					
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No					
Custody Seal No					
Cooler Temperature(s) °C and Other Remarks.					

Eurofins Xenco, Carlsbad

1089 N Canal St
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing
America

Client Information (Sub Contract Lab)

Client Contact:
Shipping/Receiving

Sampler
Phone:

Lab Pk.
Kramer Jessica
Email:
jessica.kramer@eurofins.com

Carrier Tracking No(s)

COO No
890-464 2

Company:
Eurofins Xenco

Address:
1211 W Florida Ave

City:
Midland

State Zip:
TX 79701

Phone:
432-704-5440(Tel)

Email:
WFO #:

Project Name:
Red Tank 4 Fed 1 (Red Tank)

SSON#:

Due Date Requested
10/20/2021

TAT Requested (days):

PO #:

Project #:
89000040

Analysis Requested

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

8021B/5036FP_Calc (MOD) BTEX

Total_BTEX_GCV

8016MOD_NM/8016NM_S_Prep (MOD) Full TPH

8016MOD_Calc

300_ORGFN_28D/DI_LEACH Chloride

Preservation Codes

A. HCL

B. NaOH

C. Zn Acetate

D. Nitric Acid

E. NaHSO4

F. MeOH

G. Ammonia

H. Ascorbic Acid

I. Ice

J. DI Water

K. EDTA

L. EDA

M. Hexane

N. None

O. AsNaO2

P. Na2CO3

Q. Na2SO3

R. Na2S2O3

S. H2SO4

T. TSP Dodecyl/drate

U. Acetone

V. MCA

W. pH 4.5

Z. other (specify)

Sample Identification - Client ID (Lab ID)

Sample Date

Sample Time

Sample Type
(C=Comp, G=grab)

Matrix
(W=Water, S=solid, O=oil, BI=biological, A=air)

SW-12 (890-1434-10)

SW-13 (890-1434-11)

SW-14 (890-1434-12)

SW-15 (890-1434-13)

SW-16 (890-1434-14)

10/13/21

10/13/21

10/13/21

10/13/21

10/13/21

Mountain

Mountain

Mountain

Mountain

Mountain

Mountain

Mountain

Possible Hazard Identification

Unconfirmed

Deliverable Requested I II III IV Other (specify)

Primary Deliverable Rank 2

Empty Kit Relinquished by

Relinquished by

Relinquished by

Relinquished by

Custody Seal Intact:

Custody Seal No

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client

Disposal By Lab

Archive For

Months

Method of Shipment

Received by

Received by

Received by

Received by

COO No
890-464 2

Page
Page 2 of 2

Job #
890-1434-1

Preservation Codes

A. HCL

B. NaOH

C. Zn Acetate

D. Nitric Acid

E. NaHSO4

F. MeOH

G. Ammonia

H. Ascorbic Acid

I. Ice

J. DI Water

K. EDTA

L. EDA

M. Hexane

N. None

O. AsNaO2

P. Na2CO3

Q. Na2SO3

R. Na2S2O3

S. H2SO4

T. TSP Dodecyl/drate

U. Acetone

V. MCA

W. pH 4.5

Z. other (specify)

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1434-1

SDG Number: Lea County NM

Login Number: 1434

List Source: Eurofins Xenco, Carlsbad

List Number: 1

Creator: Clifton, Cloe

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

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1434-1
SDG Number: Lea County NM

Login Number: 1434

List Source: Eurofins Xenco, Midland

List Number: 2

List Creation: 10/15/21 12:19 PM

Creator: Kramer, Jessica

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



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

A handwritten signature in cursive script that reads "Jessica Kramer".

Authorized for release by:
10/26/2021 3:22:44 PM

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

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

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

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Definitions/Glossary

Client: Talon/LPE

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

Job ID: 890-1449-1

SDG: Lea County NM

Qualifiers

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 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.
U	Analyte was not detected at or above the SDL.

HPLC/IC

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
⌘	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Xenco, Carlsbad

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
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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

Client Sample ID: S-46

Lab Sample ID: 890-1449-1

Date Collected: 10/18/21 09:00

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

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	U	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 BTEX 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 (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	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 Range Organics (DRO) (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 C10-C28)	19.3	J b	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 15:11	1
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.03	0.863	mg/Kg			10/25/21 17:12	1

Client Sample ID: S-47

Lab Sample ID: 890-1449-2

Date Collected: 10/18/21 09:10

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (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
Xylenes, Total	0.00140	J	0.00398	0.00101	mg/Kg		10/20/21 14:39	10/24/21 06:35	1
Methyl tert-butyl ether	<0.00996	U *	0.00996	0.00162	mg/Kg		10/20/21 14:39	10/24/21 06:35	1

Eurofins Xenco, Carlsbad

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-47

Lab Sample ID: 890-1449-2

Date Collected: 10/18/21 09:10

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103		70 - 130	10/20/21 14:39	10/24/21 06:35	1
4-Bromofluorobenzene (Surr)	95		70 - 130	10/20/21 14:39	10/24/21 06:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00273	J	0.00398	0.00101	mg/Kg			10/26/21 09:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	46.8	J	49.8	14.9	mg/Kg			10/26/21 08:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27.4	J	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 15:32	1
Diesel Range Organics (Over C10-C28)	19.4	J b	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 15:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/25/21 10:09	10/25/21 15:32	1
o-Terphenyl	106		70 - 130				10/25/21 10:09	10/25/21 15:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		5.03	0.863	mg/Kg			10/25/21 17:19	1

Client Sample ID: S-48

Lab Sample ID: 890-1449-3

Date Collected: 10/18/21 09:20

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)									
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	1
4-Bromofluorobenzene (Surr)	96		70 - 130				10/20/21 14:39	10/24/21 06:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00392	J	0.00398	0.00100	mg/Kg			10/26/21 09:02	1

Eurofins Xenco, Carlsbad

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-48

Lab Sample ID: 890-1449-3

Date Collected: 10/18/21 09:20

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

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

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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23.3	J	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 15:52	1
Diesel Range Organics (Over C10-C28)	18.4	J b	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 15:52	1
Oil 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	1
o-Terphenyl	97		70 - 130				10/25/21 10:09	10/25/21 15:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.41		5.01	0.860	mg/Kg			10/25/21 17:26	1

Client Sample ID: S-49

Lab Sample ID: 890-1449-4

Date Collected: 10/18/21 10:10

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

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 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		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

Method: Total BTEX - Total BTEX Calculation

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 Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.7		49.8	14.9	mg/Kg			10/26/21 08:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	46.8	J	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 16:12	1
Diesel Range Organics (Over C10-C28)	17.9	J b	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 16:12	1
Oil 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

Eurofins Xenco, Carlsbad

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

Lab Sample ID: 890-1449-4

Date Collected: 10/18/21 10:10

Matrix: Solid

Date Received: 10/19/21 12:02

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 Chromatography - 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

Lab Sample ID: 890-1449-5

Date Collected: 10/18/21 10:20

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000932	J	0.00200	0.000385	mg/Kg		10/20/21 14:39	10/24/21 07:36	1
Toluene	0.000719	J	0.00200	0.000456	mg/Kg		10/20/21 14:39	10/24/21 07:36	1
Ethylbenzene	<0.00200	U	0.00200	0.000565	mg/Kg		10/20/21 14:39	10/24/21 07:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 14:39	10/24/21 07:36	1
o-Xylene	<0.00200	U	0.00200	0.000344	mg/Kg		10/20/21 14:39	10/24/21 07:36	1
Xylenes, Total	<0.00400	U	0.00400	0.00101	mg/Kg		10/20/21 14:39	10/24/21 07:36	1
Methyl tert-butyl ether	0.00292	J *	0.0100	0.00163	mg/Kg		10/20/21 14:39	10/24/21 07:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	10/20/21 14:39	10/24/21 07:36	1
4-Bromofluorobenzene (Surr)	97		70 - 130	10/20/21 14:39	10/24/21 07:36	1

Method: Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	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 (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.6		50.0	15.0	mg/Kg			10/26/21 08:56	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	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 16:33	1
Oil 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, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197		5.04	0.865	mg/Kg			10/25/21 17:53	1

Eurofins Xenco, Carlsbad

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-51

Lab Sample ID: 890-1449-6

Date Collected: 10/18/21 10:30

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

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 BTEX 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 (DRO) (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 Range Organics (DRO) (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 C10-C28)	17.2	J b	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 16:53	1
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		4.99	0.857	mg/Kg			10/25/21 18:00	1

Client Sample ID: S-52

Lab Sample ID: 890-1449-7

Date Collected: 10/18/21 13:30

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (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	U	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

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-52

Lab Sample ID: 890-1449-7

Date Collected: 10/18/21 13:30

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	102		70 - 130	10/20/21 14:39	10/24/21 08:17	1
4-Bromofluorobenzene (Surr)	98		70 - 130	10/20/21 14:39	10/24/21 08:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	0.00101	mg/Kg			10/26/21 09:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49.6	J	49.9	15.0	mg/Kg			10/26/21 08:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	31.5	J	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 17:13	1
Diesel Range Organics (Over C10-C28)	18.1	J b	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 17:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	10/25/21 10:09	10/25/21 17:13	1
o-Terphenyl	91		70 - 130	10/25/21 10:09	10/25/21 17:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	227		4.97	0.853	mg/Kg			10/25/21 18:07	1

Client Sample ID: S-53

Lab Sample ID: 890-1449-8

Date Collected: 10/18/21 13:40

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

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 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

Eurofins Xenco, Carlsbad

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-53

Lab Sample ID: 890-1449-8

Date Collected: 10/18/21 13:40

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	36.1	J	49.9	15.0	mg/Kg			10/26/21 08:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	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
Oil 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, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181		5.05	0.867	mg/Kg			10/25/21 18:14	1

Client Sample ID: S-54

Lab Sample ID: 890-1449-9

Date Collected: 10/18/21 13:50

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic 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 14:39	10/24/21 08:58	1
Toluene	0.000787	J	0.00202	0.000460	mg/Kg		10/20/21 14:39	10/24/21 08:58	1
Ethylbenzene	0.000874	J	0.00202	0.000570	mg/Kg		10/20/21 14:39	10/24/21 08:58	1
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 BTEX Calculation

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

Analyte	Result	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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	34.2	J	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:16	1
Diesel Range Organics (Over C10-C28)	17.4	J b	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:16	1

Eurofins Xenco, Carlsbad

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-54

Lab Sample ID: 890-1449-9

Date Collected: 10/18/21 13:50

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	10/25/21 10:09	10/25/21 18:16	1
o-Terphenyl	98		70 - 130	10/25/21 10:09	10/25/21 18:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble							Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	RL	MDL	Unit	D			
Chloride	235		5.00	0.858	mg/Kg			10/25/21 18:21	1

Client Sample ID: S-55

Lab Sample ID: 890-1449-10

Date Collected: 10/18/21 13:55

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000393	J	0.00199	0.000383	mg/Kg		10/20/21 14:39	10/24/21 09:18	1
Toluene	<0.00199	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 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 (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.2		50.1	15.0	mg/Kg			10/26/21 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	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	J b	50.1	15.0	mg/Kg		10/25/21 10:09	10/25/21 18:37	1
Oil 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
1-Chlorooctane	101		70 - 130	10/25/21 10:09	10/25/21 18:37	1
o-Terphenyl	109		70 - 130	10/25/21 10:09	10/25/21 18:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181		5.01	0.860	mg/Kg			10/25/21 18:28	1

Eurofins Xenco, Carlsbad

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

Lab Sample ID: 890-1449-11

Date Collected: 10/18/21 11:00

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

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 14:39	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	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130				10/20/21 14:39	10/24/21 11:07	1
4-Bromofluorobenzene (Sum)	95		70 - 130				10/20/21 14:39	10/24/21 11:07	1

Method: Total BTEX - Total BTEX 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 (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	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 Range Organics (DRO) (GC)

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
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		4.97	0.853	mg/Kg			10/25/21 18:48	1

Client Sample ID: SW-18

Lab Sample ID: 890-1449-12

Date Collected: 10/18/21 11:10

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic 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 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	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

Eurofins Xenco, Carlsbad

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-18

Lab Sample ID: 890-1449-12

Date Collected: 10/18/21 11:10

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	104		70 - 130	10/20/21 14:39	10/24/21 11:27	1
4-Bromofluorobenzene (Surr)	94		70 - 130	10/20/21 14:39	10/24/21 11:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00121	J	0.00396	0.00100	mg/Kg			10/26/21 09:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.7		50.0	15.0	mg/Kg			10/26/21 08:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	43.2	J	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:17	1
Diesel Range Organics (Over C10-C28)	17.5	J b	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/25/21 10:09	10/25/21 19:17	1
o-Terphenyl	101		70 - 130				10/25/21 10:09	10/25/21 19:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181		4.99	0.857	mg/Kg			10/25/21 18:55	1

Client Sample ID: SW-19

Lab Sample ID: 890-1449-13

Date Collected: 10/18/21 11:20

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)									
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-Xylene	<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 BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00130	J	0.00402	0.00102	mg/Kg			10/26/21 09:02	1

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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-19

Lab Sample ID: 890-1449-13

Date Collected: 10/18/21 11:20

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

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

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 Range Organics (DRO) (GC)

Analyte	Result	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	J b	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 19:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	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 Chromatography - Soluble

Analyte	Result	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

Lab Sample ID: 890-1449-14

Date Collected: 10/18/21 12:00

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2 - 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000397	J	0.00201	0.000387	mg/Kg		10/20/21 14:39	10/24/21 12:08	1
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	D	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 (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	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 Range Organics (DRO) (GC)

Analyte	Result	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	J b	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 19:57	1

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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

Lab Sample ID: 890-1449-14

Date Collected: 10/18/21 12:00

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2 - 3

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, Ion 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

Lab Sample ID: 890-1449-15

Date Collected: 10/18/21 12:10

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000801	J	0.00202	0.000389	mg/Kg		10/20/21 14:39	10/24/21 12:28	1
Toluene	0.000611	J	0.00202	0.000461	mg/Kg		10/20/21 14:39	10/24/21 12:28	1
Ethylbenzene	<0.00202	U	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	mg/Kg		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 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 Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	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 Range Organics (DRO) (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 C10-C28)	17.7	J b	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 20:17	1
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181		4.97	0.853	mg/Kg			10/25/21 19:30	1

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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

Lab Sample ID: 890-1449-16

Date Collected: 10/18/21 13:10

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000386	mg/Kg		10/20/21 14:39	10/24/21 12:49	1
Toluene	<0.00200	U	0.00200	0.000457	mg/Kg		10/20/21 14:39	10/24/21 12:49	1
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	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (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 (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.7		49.9	15.0	mg/Kg			10/26/21 08:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	43.6	J	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	J b	49.9	15.0	mg/Kg		10/25/21 10:09	10/25/21 20:38	1
Oil 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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	186		5.04	0.865	mg/Kg			10/25/21 19:37	1

Client Sample ID: SW-23

Lab Sample ID: 890-1449-17

Date Collected: 10/18/21 13:20

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2 - 3

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

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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-23

Lab Sample ID: 890-1449-17

Date Collected: 10/18/21 13:20

Matrix: Solid

Date Received: 10/19/21 12:02

Sample Depth: 2 - 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130	10/20/21 14:39	10/24/21 13:09	1
4-Bromofluorobenzene (Surr)	97		70 - 130	10/20/21 14:39	10/24/21 13:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00144	J	0.00399	0.00101	mg/Kg			10/26/21 09:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.7		49.8	14.9	mg/Kg			10/26/21 08:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	38.0	J	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 20:58	1
Diesel Range Organics (Over C10-C28)	17.7	J b	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 20:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	14.9	mg/Kg		10/25/21 10:09	10/25/21 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	10/25/21 10:09	10/25/21 20:58	1
o-Terphenyl	101		70 - 130	10/25/21 10:09	10/25/21 20:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	251		5.03	0.863	mg/Kg			10/25/21 19:44	1

Surrogate Summary

Client: Talon/LPE

Job ID: 890-1449-1

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

SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DFBZ1 (70-130)	BFB1 (70-130)
890-1449-1	S-46	103	90
890-1449-1 MS	S-46	102	96
890-1449-1 MSD	S-46	99	93
890-1449-2	S-47	103	95
890-1449-3	S-48	103	96
890-1449-4	S-49	85	96
890-1449-5	S-50	102	97
890-1449-6	S-51	105	96
890-1449-7	S-52	102	98
890-1449-8	S-53	102	95
890-1449-9	S-54	86	116
890-1449-10	S-55	103	97
890-1449-11	SW-17	104	95
890-1449-12	SW-18	104	94
890-1449-13	SW-19	99	103
890-1449-14	SW-20	99	97
890-1449-15	SW-21	106	99
890-1449-16	SW-22	102	88
890-1449-17	SW-23	99	97
LCS 880-10015/1-A	Lab Control Sample	97	88
LCSD 880-10015/2-A	Lab Control Sample Dup	99	90
MB 880-10015/5-A	Method Blank	106	98
MB 880-9995/5-A	Method Blank	107	101
Surrogate Legend			
DFBZ = 1,4-Difluorobenzene (Surr)			
BFB = 4-Bromofluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1449-1	S-46	106	115
890-1449-2	S-47	102	106
890-1449-3	S-48	96	97
890-1449-4	S-49	97	102
890-1449-5	S-50	90	92
890-1449-6	S-51	93	93
890-1449-7	S-52	92	91
890-1449-8	S-53	94	92
890-1449-9	S-54	98	98
890-1449-10	S-55	101	109
890-1449-11	SW-17	93	96
890-1449-12	SW-18	94	101
890-1449-13	SW-19	95	100
890-1449-14	SW-20	91	92
890-1449-15	SW-21	94	99
890-1449-16	SW-22	96	100

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Surrogate Summary

Client: Talon/LPE

Job ID: 890-1449-1

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

SDG: Lea County NM

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
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

Job ID: 890-1449-1

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

SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-10015/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 10201

Prep Batch: 10015

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil 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

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 10201

Prep Batch: 10015

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	88		70 - 130

Lab Sample ID: LCSD 880-10015/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 10201

Prep Batch: 10015

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	90		70 - 130

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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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	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		mg/Kg		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
Surrogate	MS %Recovery	MS 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

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

Analyte	MB Result	MB 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
Methyl tert-butyl ether	0.001737	J	0.0100	0.00163	mg/Kg		10/20/21 13:44	10/23/21 18:12	1
Surrogate	MB %Recovery	MB 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

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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 Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 10374

Analyte	MB Result	MB 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
Oil 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

Surrogate	MB %Recovery	MB 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

Lab Sample ID: LCS 880-10374/2-A

Matrix: Solid

Analysis Batch: 10361

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 10374

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	866.4		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1006		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: LCSD 880-10374/3-A

Matrix: Solid

Analysis Batch: 10361

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 10374

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	838.2		mg/Kg		84	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1126		mg/Kg		113	70 - 130	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	113		70 - 130

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	963.8		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	31.1	J b	997	933.9		mg/Kg		91	70 - 130

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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	Qualifier	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	J b	1000	974.2		mg/Kg		94	70 - 130	4	20

	MSD	MSD	
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

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	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

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	250.8		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-10300/3-A

Matrix: Solid

Analysis Batch: 10506

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD					%Rec.	RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	251.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-1449-10 MS

Matrix: Solid

Analysis Batch: 10506

Client Sample ID: S-55

Prep Type: Soluble

	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	

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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
Matrix: Solid
Analysis Batch: 10506

Client Sample ID: S-55
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	181		251	426.9		mg/Kg		98	90 - 110	4	20

QC Association Summary

Client: Talon/LPE

Job ID: 890-1449-1

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

SDG: Lea County NM

GC VOA

Prep Batch: 9995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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	
890-1449-10	S-55	Total/NA	Solid	5035	
890-1449-11	SW-17	Total/NA	Solid	5035	
890-1449-12	SW-18	Total/NA	Solid	5035	
890-1449-13	SW-19	Total/NA	Solid	5035	
890-1449-14	SW-20	Total/NA	Solid	5035	
890-1449-15	SW-21	Total/NA	Solid	5035	
890-1449-16	SW-22	Total/NA	Solid	5035	
890-1449-17	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	
890-1449-1 MS	S-46	Total/NA	Solid	5035	
890-1449-1 MSD	S-46	Total/NA	Solid	5035	

Analysis Batch: 10201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1449-1	S-46	Total/NA	Solid	8021B	10015
890-1449-2	S-47	Total/NA	Solid	8021B	10015
890-1449-3	S-48	Total/NA	Solid	8021B	10015
890-1449-4	S-49	Total/NA	Solid	8021B	10015
890-1449-5	S-50	Total/NA	Solid	8021B	10015
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	10015
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	10015
890-1449-14	SW-20	Total/NA	Solid	8021B	10015
890-1449-15	SW-21	Total/NA	Solid	8021B	10015
890-1449-16	SW-22	Total/NA	Solid	8021B	10015
890-1449-17	SW-23	Total/NA	Solid	8021B	10015
MB 880-10015/5-A	Method Blank	Total/NA	Solid	8021B	10015
MB 880-9995/5-A	Method Blank	Total/NA	Solid	8021B	9995
LCS 880-10015/1-A	Lab Control Sample	Total/NA	Solid	8021B	10015
LCSD 880-10015/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	10015
890-1449-1 MS	S-46	Total/NA	Solid	8021B	10015

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QC Association Summary

Client: Talon/LPE

Job ID: 890-1449-1

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

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	Total/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	Total/NA	Solid	Total BTEX	
890-1449-15	SW-21	Total/NA	Solid	Total BTEX	
890-1449-16	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	S-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

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QC Association Summary

Client: Talon/LPE

Job ID: 890-1449-1

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

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	
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	8015NM Prep	
890-1449-8	S-53	Total/NA	Solid	8015NM Prep	
890-1449-9	S-54	Total/NA	Solid	8015NM Prep	
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	Total/NA	Solid	8015NM 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	
890-1449-7	S-52	Total/NA	Solid	8015 NM	
890-1449-8	S-53	Total/NA	Solid	8015 NM	
890-1449-9	S-54	Total/NA	Solid	8015 NM	
890-1449-10	S-55	Total/NA	Solid	8015 NM	
890-1449-11	SW-17	Total/NA	Solid	8015 NM	
890-1449-12	SW-18	Total/NA	Solid	8015 NM	
890-1449-13	SW-19	Total/NA	Solid	8015 NM	
890-1449-14	SW-20	Total/NA	Solid	8015 NM	
890-1449-15	SW-21	Total/NA	Solid	8015 NM	
890-1449-16	SW-22	Total/NA	Solid	8015 NM	
890-1449-17	SW-23	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 10300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1449-1	S-46	Soluble	Solid	DI Leach	
890-1449-2	S-47	Soluble	Solid	DI Leach	
890-1449-3	S-48	Soluble	Solid	DI Leach	
890-1449-4	S-49	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Talon/LPE

Job ID: 890-1449-1

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

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	DI 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 MS	S-55	Soluble	Solid	300.0	10300
890-1449-10 MSD	S-55	Soluble	Solid	300.0	10300

Eurofins Xenco, Carlsbad

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-46

Lab Sample ID: 890-1449-1

Date Collected: 10/18/21 09:00

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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	CH	XEN MID

Client Sample ID: S-47

Lab Sample ID: 890-1449-2

Date Collected: 10/18/21 09:10

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/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 mL	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	CH	XEN MID

Client Sample ID: S-48

Lab Sample ID: 890-1449-3

Date Collected: 10/18/21 09:20

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	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

Lab Sample ID: 890-1449-4

Date Collected: 10/18/21 10:10

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	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

Eurofins Xenco, Carlsbad

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

Lab Sample ID: 890-1449-4

Date Collected: 10/18/21 10:10

Matrix: Solid

Date Received: 10/19/21 12:02

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			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

Lab Sample ID: 890-1449-5

Date Collected: 10/18/21 10:20

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 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
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 17:53	CH	XEN MID

Client Sample ID: S-51

Lab Sample ID: 890-1449-6

Date Collected: 10/18/21 10:30

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	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	CH	XEN MID

Client Sample ID: S-52

Lab Sample ID: 890-1449-7

Date Collected: 10/18/21 13:30

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	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

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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-52

Lab Sample ID: 890-1449-7

Date Collected: 10/18/21 13:30

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	10300	10/22/21 17:44	SC	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 18:07	CH	XEN MID

Client Sample ID: S-53

Lab Sample ID: 890-1449-8

Date Collected: 10/18/21 13:40

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	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

Lab Sample ID: 890-1449-9

Date Collected: 10/18/21 13:50

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	10015	10/20/21 14:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	10201	10/24/21 08:58	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 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	CH	XEN MID

Client Sample ID: S-55

Lab Sample ID: 890-1449-10

Date Collected: 10/18/21 13:55

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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

Eurofins Xenco, Carlsbad

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

Lab Sample ID: 890-1449-11

Date Collected: 10/18/21 11:00

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	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			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

Lab Sample ID: 890-1449-12

Date Collected: 10/18/21 11:10

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	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	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 19:17	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 18:55	CH	XEN MID

Client Sample ID: SW-19

Lab Sample ID: 890-1449-13

Date Collected: 10/18/21 11:20

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	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	DI 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

Lab Sample ID: 890-1449-14

Date Collected: 10/18/21 12:00

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	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

Eurofins Xenco, Carlsbad

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

Date Collected: 10/18/21 12:00

Matrix: Solid

Date Received: 10/19/21 12:02

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			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	CH	XEN MID

Client Sample ID: SW-21

Lab Sample ID: 890-1449-15

Date Collected: 10/18/21 12:10

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	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	CH	XEN MID

Client Sample ID: SW-22

Lab Sample ID: 890-1449-16

Date Collected: 10/18/21 13:10

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	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	CH	XEN MID

Client Sample ID: SW-23

Lab Sample ID: 890-1449-17

Date Collected: 10/18/21 13:20

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	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

Eurofins Xenco, Carlsbad

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-23

Lab Sample ID: 890-1449-17

Date Collected: 10/18/21 13:20

Matrix: Solid

Date Received: 10/19/21 12:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	10300	10/22/21 17:44	SC	XEN MID
Soluble	Analysis	300.0		1			10506	10/25/21 19:44	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Talon/LPE
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	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

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
890-1449-7	S-52	Solid	10/18/21 13:30	10/19/21 12:02	2
890-1449-8	S-53	Solid	10/18/21 13:40	10/19/21 12:02	2
890-1449-9	S-54	Solid	10/18/21 13:50	10/19/21 12:02	2
890-1449-10	S-55	Solid	10/18/21 13:55	10/19/21 12:02	2
890-1449-11	SW-17	Solid	10/18/21 11:00	10/19/21 12:02	2
890-1449-12	SW-18	Solid	10/18/21 11:10	10/19/21 12:02	2
890-1449-13	SW-19	Solid	10/18/21 11:20	10/19/21 12:02	2
890-1449-14	SW-20	Solid	10/18/21 12:00	10/19/21 12:02	2 - 3
890-1449-15	SW-21	Solid	10/18/21 12:10	10/19/21 12:02	2
890-1449-16	SW-22	Solid	10/18/21 13:10	10/19/21 12:02	2
890-1449-17	SW-23	Solid	10/18/21 13:20	10/19/21 12:02	2 - 3



Environmental Testing
Xenon

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) 998-3199

Chain of Custody

Work Order No: _____

www.xenon.com page 1 of 2

Project Manager:	R. Pons	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	→
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	→
Phone:	575/746.8768	Email:	rpons@talonlpe.com jcarnes@talonlpe.com

Work Order Comments	
Program: USTPST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Red Tank 4 Fed 1 (Red Tank)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST		Preservative Codes
Project Number:	701162.112.01	Due Date:	10/26/2021					None: NO Di Water: H ₂ O
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm						Cool: Cool Me MeOH: Me
Sampler's Name:	M. Collier	Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						HCL: HC HNO ₃ : HN
PO #:	701162.112.01	Thermometer ID:	1001-003					H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:	-0.2					H ₃ PO ₄ : HP
Samples Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.4					NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Corrected Temperature:	1.2					Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A							Zn Acetate+NaOH: Zn
Total Containers:								NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Sample Comments
S-46	Soil	10/18/2021	9:00	2'	Comp	1	TPH	
S-47			9:10	2'			BTEX	
S-48			9:20	2'			CHLORIDES	
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'				

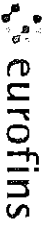


890-1449 Chain of Custody

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010- 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenon, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenon 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 Xenon. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenon, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 M. Collier	Joe Colf	10-19-21 1202			
3					
5					



Environmental Testing
Laboratory

Houston, TX (281) 240-4200 Dallas, TX (214) 802-0300
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) 898-3199

Chain of Custody

Work Order No: _____

www.xenoco.com page 2 of 2

Project Manager:	R. Pons	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	408 W. Texas Ave.	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575.746.8768	Email:	rpons@talonlpe.com icarnes@talonlpe.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Red Tank 4 Fed 1 (Red Tank)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	701162.112.01	Due Date:	10/26/2021		
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	M. Collier				
PO #:	701162.112.01				
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:			
Cooler Custody Seals:	Yes No N/A	Correction Factor:			
Sample Custody Seals:	Yes No N/A	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SW-17	Soil	10/18/2021	11:00	2'	Comp	1	X TPH X BTEX X CHLORIDES		None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
SW-18			11:10	2'						
SW-19			11:20	2'						
SW-20			12:00	2-3'						
SW-21			12:10	2'						
SW-22			1:10	2'						
SW-23			1:20	2-3'						

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed: TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. <i>[Signature]</i>	<i>[Signature]</i>	10.18.21 12:02			
3. <i>[Signature]</i>					
5.					

Released to Imaging: 1/27/2022 7:33:29 AM

Environment Testings

eurofins

Ver 06/11

eurofins
Environment Testing
America

eurofins
Environment Testing
America

10/26/2021

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1449-1
SDG Number: Lea County NM

Login Number: 1449

List Source: Eurofins Xenco, Carlsbad

List Number: 1

Creator: Clifton, Cloe

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

Login Sample Receipt Checklist

Client: Talon/LPE

Job Number: 890-1449-1

SDG Number: Lea County NM

Login Number: 1449

List Source: Eurofins Xenco, Midland

List Number: 2

List Creation: 10/20/21 11:00 AM

Creator: Kramer, Jessica

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 71170

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 600 N. Marienfeld Street Midland, TX 79701	OGRID: 162683
	Action Number: 71170
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	1/27/2022