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Closure Report

Amtrack State Com #1
Eddy County, New Mexico
API# 30-015-30758 **Incident**
#NAPP2113129816

Prepared For:

EOG Resources, Inc.
104 S. 4th Street
Artesia, NM 88210

Prepared By:

TALON/LPE
408 W. Texas Avenue
Artesia, NM 88210

April 20, 2022



Mr. Robert Hamlet
NMOCD District 2
811 South First Street
Artesia, New Mexico 88210

Subject: **Remediation Work Plan**
Amtrack State Com #1
API# 30-015-3075
Eddy County, New
Mexico **nAPP2113129816**

Dear Mr. Hamlet,

Talon/LPE (Talon) has been retained to provide EOG Resources, Inc. with a remediation work plan in order to close out the above referenced remediation incident. Enclosed please find the results of our site assessment/characterization, soil sampling results and remediation work plan.

Site Information

The Amtrack State Com #1, is located approximately thirteen (13) miles east of Artesia, New Mexico. The legal location for this release is Unit Letter P, Section 4, Township 17 South and Range 28 East in Eddy County, New Mexico. More specifically the latitude and longitude for the facility is 32.85803 North and -104.17463 West. Facility location maps are presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Pajarito-Dune Land Complex which consists of fine sandy loam with 0 to 3 percent slopes. The soil survey is presented in [Appendix II](#).

Groundwater and Site Characterization

The New Mexico Office of the State Engineer indicates that the nearest reported depth to groundwater in the area is 58-feet below ground surface (bgs). Drainage courses in this area are well-drained. Additionally, the facility is located in a low potential Karst area. See [Appendix II](#) for copies of the referenced data.

Approximate Depth to Groundwater	58 Feet/BGS
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- ☐ Yes ☒ No Within 300 feet of any continuously flowing watercourse or any other significant watercourse
- ☐ Yes ☒ No Within 200 feet of any lakebed, sinkhole or a playa lake
- ☐ Yes ☒ No Within 300 feet from an occupied permanent residence, school, hospital, institution or church
- ☐ Yes ☒ No Within 500 feet of a spring or a private, domestic freshwater well used by less than five households for domestic or stock watering purposes
- ☐ Yes ☒ No Within 1000 feet of any freshwater well or spring
- ☐ Yes ☒ No Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
- ☐ Yes ☒ No Within 300 feet of a wetland
- ☐ Yes ☒ No Within the area overlying a subsurface mine
- ☐ Yes ☒ No Within an unstable area
- ☒ Yes ☐ No Within a 100-year floodplain

Based on the site characterization data, the release occurred within a 100-year flood plain. Additionally, the Amtrack State Com #1 has recently been plugged and abandoned. As such, the location will be restored to the following closure criteria levels as if the depth to groundwater was less than 50 feet bgs.

Table I Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to groundwater 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
	GRO+DRO	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

On May 10, 2021, during the course of conducting routine site inspection of the plugged and abandoned well pad, an area west of the dry hole marker indicated signs of soil impacted from produced water. The impacted area measured approximately 65' x 65'. A copy of the initial C-141 and spill notification is attached. (Appendix III).

Site Assessment Activities

On May 25, 2021, Talon personnel mobilized to begin site assessment and sampling activities for the drafting of a work plan. Grab soil samples were collected with a hand auger until depths at which refusal was encountered. All samples were properly packaged, preserved, and transported via chain of custody to Hall Laboratory, Inc., for analysis of Total Chlorides (EPA Method 300.0), TPH (EPA Method 8015M) and BTEX (EPA Method 8021B). Results from our initial sampling event are presented on the following data table and the complete laboratory report can be found in Appendix V. Sample locations are shown on the attached Figure 1 (Appendix I).

Table 1
06/04/2021 Soil Sample Laboratory Results

Sample ID	Depth (ft.)	Sample Date	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
S-1	0-1R	5/25/2021	ND	ND	ND	180	630	810	6000
S-2	0-1R	5/25/2021	ND	ND	ND	17	170	187	160
S-3	0-1R	5/25/2021	ND	ND	ND	16	ND	16	23000
S-4	0-1R	5/25/2021	ND	ND	ND	45	150	195	5900
S-5	0-1R	5/25/2021	ND	ND	ND	ND	ND	-	8700
S-6	0-1R	5/25/2021	ND	ND	ND	150	460	610	18000
BG-1	0-1'	5/25/2021	ND	ND	ND	ND	ND	-	860
BG-2	0-1'	5/25/2021	ND	ND	ND	ND	ND	-	7000
BG-3	0-1'	5/25/2021	ND	ND	ND	20	53	73	9700
BG-4	0-1'	5/25/2021	ND	ND	ND	ND	ND	-	1600

R=Refusal with Hand Auger ND=Analyte Not Detected

On June 09, 2021, Talon personnel returned to the site to continue vertical delineation sampling utilizing mechanized equipment for the advancement of test trenches to depths of 4' bgs in the pasture area north of the well pad. On August 18, 2021, a Geoprobe rig (direct push technology) was utilized to advance boreholes to depths at which vertical delineation could be achieved. All sample locations are illustrated on the attached site plan (Appendix I), analytical data is tabulated below for reference.

Table 2
06/22/2021 Soil Sample Laboratory Results

Sample	Sample	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
NMOCD Table 1 Closure Criteria			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100			100 mg/kg	600 mg/kg
TT-1 B-1	6/9/2021	0-1'	ND	ND	ND	27	59	86	15000
	6/9/2021	2'	ND	ND	ND	31	74	105	5500
	6/9/2021	3'	ND	ND	ND	ND	ND	0	4000
	6/9/2021	4'	ND	ND	ND	ND	ND	0	2900
	8/19/2021	6'	ND	ND	ND	ND	ND	0	2500
	8/19/2021	8'	ND	ND	ND	ND	ND	0	1500
	8/19/2021	10' R	ND	ND	ND	ND	ND	0	290
TT-2 B-2	6/9/2021	0-1'	ND	ND	ND	19	ND	19	13000
	6/9/2021	2'	ND	ND	ND	28	57	85	8500
	6/9/2021	3'	ND	ND	ND	44	96	140	5200
	6/9/2021	4'	ND	ND	ND	ND	ND	0	5600
	8/19/2021	6'	ND	ND	ND	ND	ND	0	8300
	8/19/2021	8'	ND	ND	ND	ND	ND	0	7000
	8/19/2021	10'	ND	ND	ND	ND	ND	0	960
TT-3 B-3	6/9/2021	0-1'	ND	ND	ND	34	48	82	11000
	6/9/2021	2'	ND	ND	ND	18	ND	18	17000
	6/9/2021	3'	ND	ND	ND	35	52	87	17000
	6/9/2021	4'	ND	ND	ND	ND	ND	0	4900
	8/19/2021	6'	ND	ND	ND	ND	ND	0	3200
	8/19/2021	8'	ND	ND	ND	ND	ND	0	2400
	8/19/2021	10'	ND	ND	ND	ND	ND	0	2200
TT-4 B-4	6/9/2021	0-1'	ND	ND	ND	23	ND	23	13000
	6/9/2021	2'	ND	ND	ND	ND	ND	0	5200
	6/9/2021	3'	ND	ND	ND	ND	ND	0	1500
	6/9/2021	4'	ND	ND	ND	ND	ND	0	2300
	8/19/2021	6'	ND	ND	ND	ND	ND	0	990
	8/19/2021	8'	ND	ND	ND	ND	ND	0	510
	8/19/2021	12'	ND	ND	ND	ND	ND	0	140
TT-5 B-5	6/9/2021	0-1'	ND	ND	ND	21	47	68	9000
	6/9/2021	2'	ND	ND	ND	57	190	247	1600
	6/9/2021	3'	ND	ND	ND	ND	ND	0	2400
	6/9/2021	4'	ND	ND	ND	ND	ND	0	1900
	8/19/2021	6'	ND	ND	ND	ND	ND	0	1300
	8/19/2021	8'	ND	ND	ND	ND	ND	0	1000
	9/14/2021	15'	ND	ND	ND	ND	ND	0	310
TT-6 B-6	6/9/2021	0-1'	ND	ND	ND	55	160	215	6900
	6/9/2021	2'	ND	ND	ND	69	180	249	5500
	6/9/2021	3'	ND	ND	ND	18	61	79	4900
	6/9/2021	4'	ND	ND	ND	ND	ND	0	3900
	8/19/2021	6'	ND	ND	ND	ND	ND	0	1800
	8/19/2021	8'	ND	ND	ND	ND	ND	0	1100
	8/19/2021	10'	ND	ND	ND	ND	ND	0	1400
TT-7 B-7	6/9/2021	0-1'	ND	ND	ND	9.8	ND	9.8	3600
	6/9/2021	2'	ND	ND	ND	41	93	134	3200
	6/9/2021	3'	ND	ND	ND	ND	ND	0	3000
	6/9/2021	4'	ND	ND	ND	ND	ND	0	2200
	8/19/2021	6'	ND	ND	ND	ND	ND	0	1900
	8/19/2021	8'	ND	ND	ND	ND	ND	0	1200
	9/14/2021	15'	ND	ND	ND	ND	ND	0	300
TT-8 B-8	6/9/2021	0-1'	ND	ND	ND	14	ND	14	3000
	6/9/2021	2'	ND	ND	ND	ND	ND	0	2900
	6/9/2021	3'	ND	ND	ND	ND	ND	0	2500
	6/9/2021	4'	ND	ND	ND	ND	ND	0	2100
	8/19/2021	6'	ND	ND	ND	ND	ND	0	1400
	8/19/2021	8'	ND	ND	ND	ND	ND	0	840
	9/14/2021	15'	ND	ND	ND	ND	ND	0	510
BG-1	6/9/2021	0-1'	ND	ND	ND	ND	ND	0	9700
BG-2	6/9/2021	0-1'	ND	ND	ND	ND	ND	0	120
BG-3	6/9/2021	0-1'	ND	ND	ND	12	ND	12	970

ND = Analyte Not Detected TT = Test Trench B=Borehole

Complete laboratory report is presented in **Appendix V**.

On August 10, 2021, excavation of the impacted area on the well pad commenced and composite confirmation soil samples representative of 200 sq. ft. were collected from the remediated pad area and transported to Hall Laboratory, Inc. for analysis. The analytical data is presented in the following table. The sample locations are illustrated on the attached confirmation sample map ([Appendix I](#)).

Table 3
08/24/2021 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-1A	8/10/2021	5'	ND	ND	ND	ND	ND	0	110
S-2A	8/10/2021	5'	ND	ND	ND	ND	ND	0	110
S-3A	8/10/2021	5'	ND	ND	ND	ND	ND	0	110
S-4A	8/10/2021	5'	ND	ND	ND	ND	ND	0	570
S-5A	8/10/2021	5'	ND	ND	ND	ND	ND	0	620
	9/14/2021	6'	ND	ND	ND	ND	ND	0	250
S-6A	8/10/2021	5'	ND	ND	ND	ND	ND	0	310
S-7A	8/10/2021	5'	ND	ND	ND	ND	ND	0	220
S-8A	8/10/2021	5'	ND	ND	ND	ND	ND	0	860
	9/14/2021	6'	ND	ND	ND	ND	ND	0	250
S-9A	8/10/2021	5'	ND	ND	ND	ND	ND	0	520
S-10A	8/10/2021	5'	ND	ND	ND	ND	ND	0	940
	9/14/2021	6'	ND	ND	ND	ND	ND	0	550
S-11A	8/10/2021	5'	ND	ND	ND	ND	ND	0	720
	9/14/2021	6'	ND	ND	ND	ND	ND	0	550
S-12A	8/10/2021	5'	ND	ND	ND	ND	ND	0	820
	9/14/2021	6'	ND	ND	ND	ND	ND	0	320
S-13A	8/10/2021	5'	ND	ND	ND	ND	ND	0	480
S-14A	8/10/2021	5'	ND	ND	ND	ND	ND	0	220
S-15A	8/12/2021	5'	ND	ND	ND	ND	ND	0	690
	9/17/2021	6'	ND	ND	ND	ND	ND	0	99
S-16A	8/12/2021	5'	ND	ND	ND	ND	ND	0	670
	9/17/2021	6'	ND	ND	ND	ND	ND	0	110
S-17A	8/12/2021	5'	ND	ND	ND	25	180	205	870
	9/14/2021	6'	ND	ND	ND	ND	ND	0	230
S-18A	8/12/2021	5'	ND	ND	ND	13	ND	13	1300
	9/14/2021	6'	ND	ND	ND	ND	ND	0	230
S-19A	8/10/2021	5'	ND	ND	ND	ND	ND	0	990
	9/14/2021	6'	ND	ND	ND	ND	ND	0	170
S-20A	8/10/2021	5'	ND	ND	ND	ND	ND	0	700
	9/14/2021	6'	ND	ND	ND	ND	ND	0	250
S-21A	8/10/2021	5'	ND	ND	ND	ND	ND	0	310
S-22A	8/12/2021	5'	ND	ND	ND	ND	ND	0	940
	9/17/2021	6'	ND	ND	ND	ND	ND	0	80
S-23A	8/12/2021	5'	ND	ND	ND	11	77	88	940
	9/17/2021	6'	ND	ND	ND	ND	ND	0	180
S-24A	8/12/2021	5'	ND	ND	ND	ND	ND	0	920
	9/14/2021	6'	ND	ND	ND	ND	ND	0	220
S-25A	8/12/2021	5'	ND	ND	ND	ND	ND	0	1000
	9/14/2021	6'	ND	ND	ND	ND	ND	0	220
S-26A	8/12/2021	5'	ND	ND	ND	ND	ND	0	810
	9/14/2021	6'	ND	ND	ND	ND	ND	0	620
	9/24/2021	7'	ND	ND	ND	ND	ND	0	ND

S-27A	8/12/2021	5'	ND	ND	ND	ND	ND	0	670
	9/14/2021	6'	ND	ND	ND	ND	ND	0	320
S-28A	8/12/2021	5'	ND	ND	ND	ND	ND	0	720
	9/14/2021	6'	ND	ND	ND	ND	ND	0	540
S-29A	8/12/2021	5'	ND	ND	ND	ND	ND	0	860
	9/14/2021	6'	ND	ND	ND	ND	ND	0	360
S-30A	8/12/2021	6'	ND	ND	ND	ND	ND	0	1000
	9/14/2021	7'	ND	ND	ND	ND	ND	0	360
S-31A	8/12/2021	6'	ND	ND	ND	ND	ND	0	1000
	9/14/2021	7'	ND	ND	ND	ND	ND	0	320
S-32A	8/12/2021	5'	ND	ND	ND	ND	ND	0	1200
	9/14/2021	6'	ND	ND	ND	ND	ND	0	520
S-33A	8/12/2021	5'	ND	ND	ND	ND	ND	0	890
	9/14/2021	6'	ND	ND	ND	ND	ND	0	340
S-34A	8/12/2021	5'	ND	ND	ND	ND	ND	0	1000
	9/14/2021	6'	ND	ND	ND	ND	ND	0	500
S-35A	8/12/2021	5'	ND	ND	ND	ND	ND	0	800
	9/14/2021	6'	ND	ND	ND	ND	ND	0	340
S-36A	8/12/2021	6'	ND	ND	ND	ND	ND	0	320
S-37A	8/12/2021	6'	ND	ND	ND	ND	ND	0	400
S-38A	8/12/2021	6'	ND	ND	ND	ND	ND	0	780
	9/14/2021	7'	ND	ND	ND	ND	ND	0	490
S-39A	8/12/2021	5'	ND	ND	ND	ND	ND	0	670
	9/14/2021	6'	ND	ND	ND	ND	ND	0	440
S-40A	8/12/2021	5'	ND	ND	ND	ND	ND	0	760
	9/14/2021	6'	ND	ND	ND	ND	ND	0	620
	9/24/2021	7'	ND	ND	ND	ND	ND	0	ND
S-41A	8/12/2021	5'	ND	ND	ND	ND	ND	0	690
	9/14/2021	6'	ND	ND	ND	ND	ND	0	400
S-42A	8/12/2021	5'	ND	ND	ND	ND	ND	0	1200
	9/14/2021	6'	ND	ND	ND	ND	ND	0	320
N.SW-1	8/10/2021	5'	ND	ND	ND	ND	ND	0	1400
	9/14/2021	6'	ND	ND	ND	ND	ND	0	430
N.SW-2	8/10/2021	5'	ND	ND	ND	ND	ND	0	800
	9/14/2021	6'	ND	ND	ND	ND	ND	0	460
N.SW-3	8/10/2021	5'	ND	ND	ND	ND	ND	0	870
	9/14/2021	6'	ND	ND	ND	ND	ND	0	430
E.SW-1	8/10/2021	5'	ND	ND	ND	ND	ND	0	1200
	9/14/2021	6'	ND	ND	ND	ND	ND	0	640
	9/24/2021	*6'	ND	ND	ND	ND	ND	0	ND
E.SW-2	8/10/2021	5'	ND	ND	ND	ND	ND	0	1300
	9/14/2021	6'	ND	ND	ND	ND	ND	0	640
	9/24/2021	*6'	ND	ND	ND	ND	ND	0	ND
W.SW-1	8/12/2021	6'	ND	ND	ND	ND	ND	0	990
	9/14/2021	7'	ND	ND	ND	ND	ND	0	310
W.SW-2	8/12/2021	5'	ND	ND	ND	ND	ND	0	930
	9/14/2021	6'	ND	ND	ND	ND	ND	0	320
S.SW-1	8/12/2021	5'	ND	ND	ND	ND	ND	0	2400
	9/14/2021	6'	ND	ND	ND	ND	ND	0	230
S.SW-2	8/12/2021	5'	ND	ND	ND	ND	ND	0	1200
	9/17/2021	6'	ND	ND	ND	ND	ND	0	160
S.SW-3	8/12/2021	6'	ND	ND	ND	ND	ND	0	1100
	9/14/2021	7'	ND	ND	ND	ND	ND	0	400

ND = Analyte Not Detected SW = Sidewall A=Confirmation Sample *=Horizontal Sidewall Advancement

The complete laboratory report is presented in **Appendix V**.

On March 04,2022 A work plan outlining the completed remediation of the pad area, inclusive of a request for variance installing a 20 mil. liner at 4 feet bgs in the impacted area of the pasture was approved by the NMOCD.

On March 28, 2022 Talon personnel and equipment had completed the excavation of sidewalls. Composite samples were taken of the sidewalls in order to confirm that NMOCD clean-up criteria and horizontal delineation had been achieved. All soil samples were transport to Cardinal Laboratires and analyzed for Chlorides (Method SM4500Cl-B), BTEX (Method 8021B), and TPH (Method 8015M). The results are tabled below.

Table IV
03/31/2022 Sidewall 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
SW-1	3/28/2022	4'	ND	ND	ND	ND	ND	0	432
SW-2	3/28/2022	4'	ND	ND	ND	ND	ND	0	448
SW-3	3/28/2022	4'	ND	ND	ND	ND	ND	0	144
SW-4	3/28/2022	4'	ND	ND	ND	ND	ND	0	176
SW-5	3/28/2022	4'	ND	ND	ND	ND	ND	0	448
SW-6	3/28/2022	4'	ND	ND	ND	ND	ND	0	64
SW-7	3/28/2022	4'	ND	ND	ND	ND	ND	0	112
SW-8	3/28/2022	4'	ND	ND	ND	ND	ND	0	112
SW-9	3/28/2022	4'	ND	ND	ND	ND	ND	0	128
SW-10	3/28/2022	4'	ND	ND	ND	ND	ND	0	112
SW = Sidewall ND = Analyte Not Detected									

The complete laboratory report is presented in [Appendix V](#).

On March 31, 2022 the excavation of impacted pasture area was completed at a depth of 4 feet bgs. Confirmation composite samples were retrieved from the bottom of the excavation in order to confirm Chloride levels left in place. The site map is referenced in ([Appendix 1](#)) Figure 8. Akome, Inc, equipment and personnel mobilized to the site in order to installed a 20 mil. liner in the floor of the excavation, keying the liner in on all sides to prevent leaching, as can be seen in photographic documentation ([Appendix III](#)). The results of the confirmation sampling are tabled below.

Table IV
04/20/2022 Excavation Confirmation Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	DRO + GRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
S-1A	3/30/2022	4'	NT	NT	NT	NT	NT	0	976
S-2A	3/30/2022	4'	NT	NT	NT	NT	NT	0	848
S-3A	3/30/2022	4'	NT	NT	NT	NT	NT	0	992
S-4A	3/30/2022	4'	NT	NT	NT	NT	NT	0	976
S-5A	3/30/2022	4'	NT	NT	NT	NT	NT	0	1090
S-6A	3/30/2022	4'	NT	NT	NT	NT	NT	0	1060
S-7A	3/30/2022	4'	NT	NT	NT	NT	NT	0	1010
S-8A	3/30/2022	4'	NT	NT	NT	NT	NT	0	944
S-9A	3/30/2022	4'	NT	NT	NT	NT	NT	0	816
S-10A	3/30/2022	4'	NT	NT	NT	NT	NT	0	1090
S-11A	3/30/2022	4'	NT	NT	NT	NT	NT	0	912
S-12A	3/30/2022	4'	NT	NT	NT	NT	NT	0	1250
S-13A	3/30/2022	4'	NT	NT	NT	NT	NT	0	976
S-14A	3/30/2022	4'	NT	NT	NT	NT	NT	0	800
S-15A	3/30/2022	4'	NT	NT	NT	NT	NT	0	912
S-16A	3/30/2022	4'	NT	NT	NT	NT	NT	0	1060
S-17A	3/30/2022	4'	NT	NT	NT	NT	NT	0	1060
S-18A	3/30/2022	4'	NT	NT	NT	NT	NT	0	896
NT = Analyte not Tested due to vertical delineation									

The complete laboratory report is presented in [Appendix V](#).

Remedial Actions

- Remediation of the pad area has been completed. Sidewalls were advanced to the extent that composite samples collected on a 200 sq. ft. basis from each side wall and from bottom areas of the excavation area were below NMOCD Table 1 soil remediation guidelines.
- The excavated area on pad has been backfilled with clean, like material obtained from a local material pit. See attached photo documentation ([Appendix III](#)).
- The former reserve pit area located north of the well pad in the pasture area has been vertically delineated (see Table 2 analytical data), and has been excavated to a depth of 4' bgs. A variance was requested from the NMOCD for installation of a 20 mil. liner at 4 feet bgs, and was approved. Prior to the liner installation and backfilling activities, composite soil samples were collected from the side walls of the excavation at 200 sq. ft. intervals to verify that all horizontal soil impacts from reserve drill pit have been removed. Bottom composite samples were also collected for record of total chlorides left in place.
- The backfilled pasture area has been reseeded in accordance with NMSLO guidelines.
- Photo documentation of all remedial actions and analytical data are presented in this closure report along with a Final C-141 for the referenced incident.

Closure

On behalf of EOG resources, we respectfully submit this closure report inclusive of all documentation of remediation activity for this incident. And, request that no further action be required and that closure of this incident be granted. Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-746-8768.

Respectfully submitted,

TALON/LPE

Rebecca S Pons

Rebecca S. Pons
Senior Environmental Project Manager

Attachments:

Appendix I Site Maps
Appendix II Groundwater Data, Soil Survey
Appendix III Photographic Documentation
Appendix IV C-141 Forms
Appendix V Laboratory Data



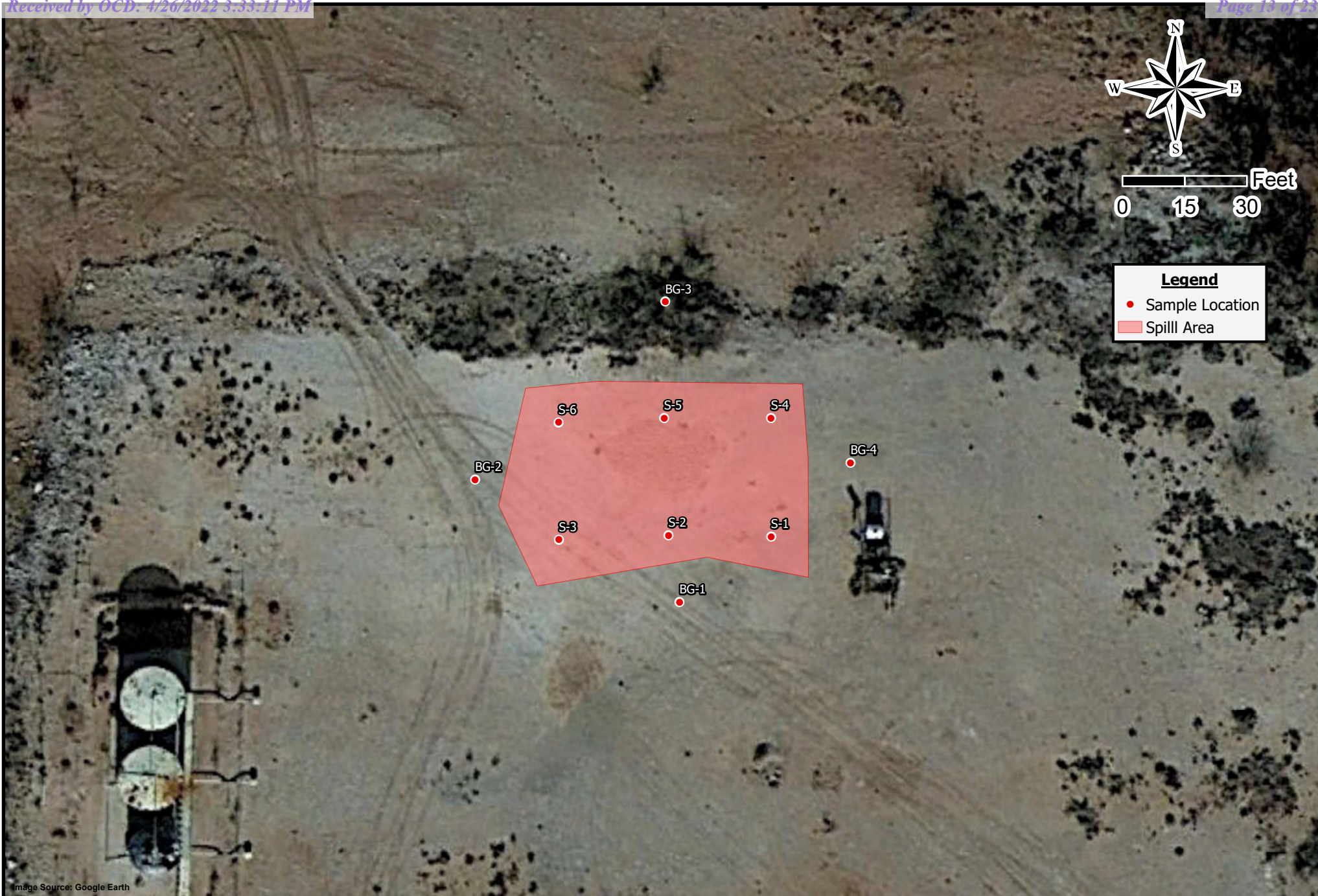
APPENDIX I

SITE MAP

KARST MAP

TOPO MAP

LOCATION MAP



Drafted: 10/8/2021

1 in = 30 ft

Drafted By: JAI

Amtrack State Com #1
API #30-015-30758
EOG Resources, Inc.
Eddy County, NM
Figure 1 - Site Assessment Map

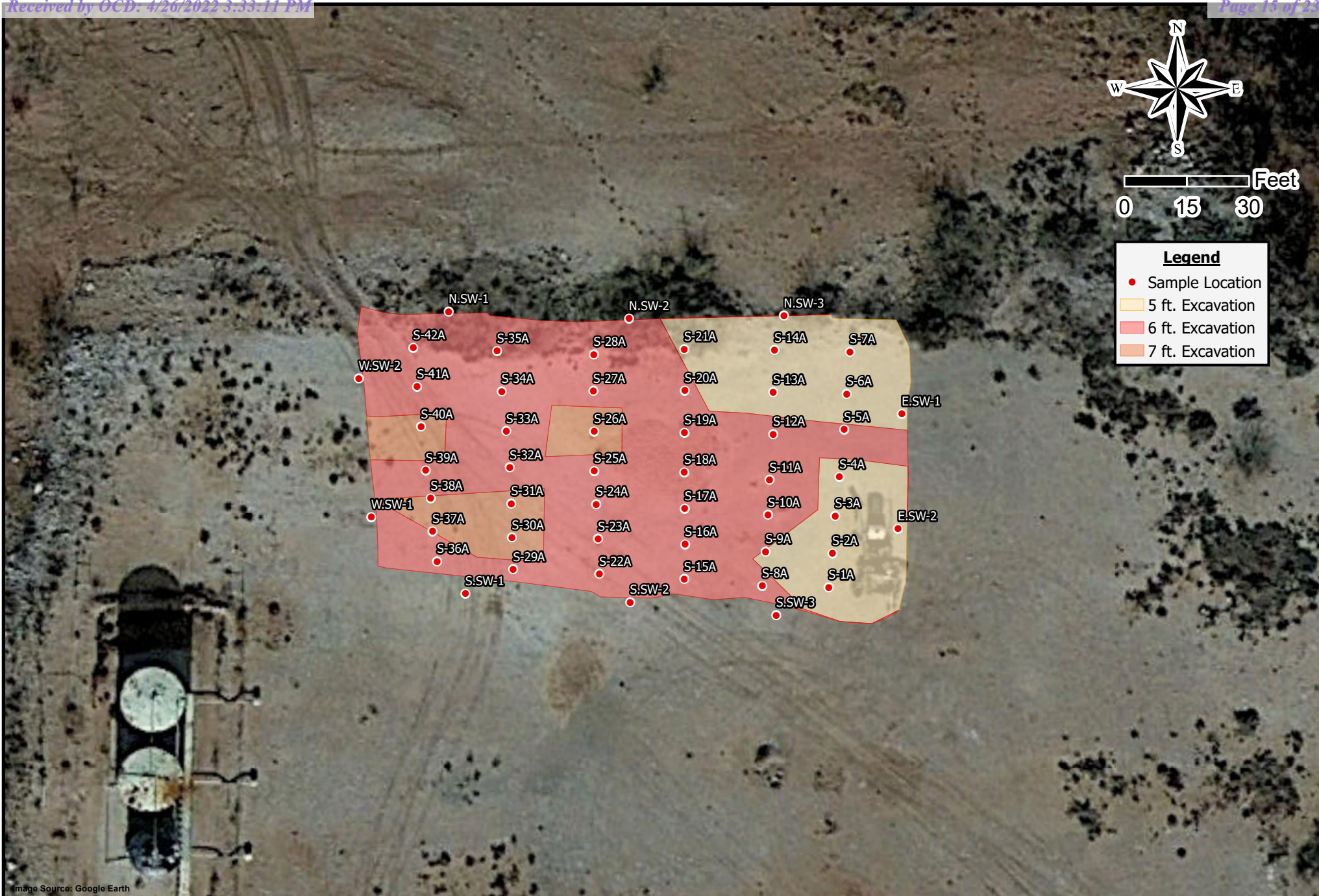


Image Source: Google Earth



Drafted: 10/8/2021
1 in = 30 ft
Drafted By: JAI

Amtrack State Com #1 Pasture
API #30-015-30758
EOG Resources, Inc.
Eddy County, NM
Figure 2 - Pasture Map



Drafted: 10/8/2021

1 in = 30 ft

Drafted By: JAI

Amtrack State Com #1

API #30-015-30758

EOG Resources, Inc.

Eddy County, NM

Figure 3 - Confirmation Map and Depths



Image Source: Google Earth

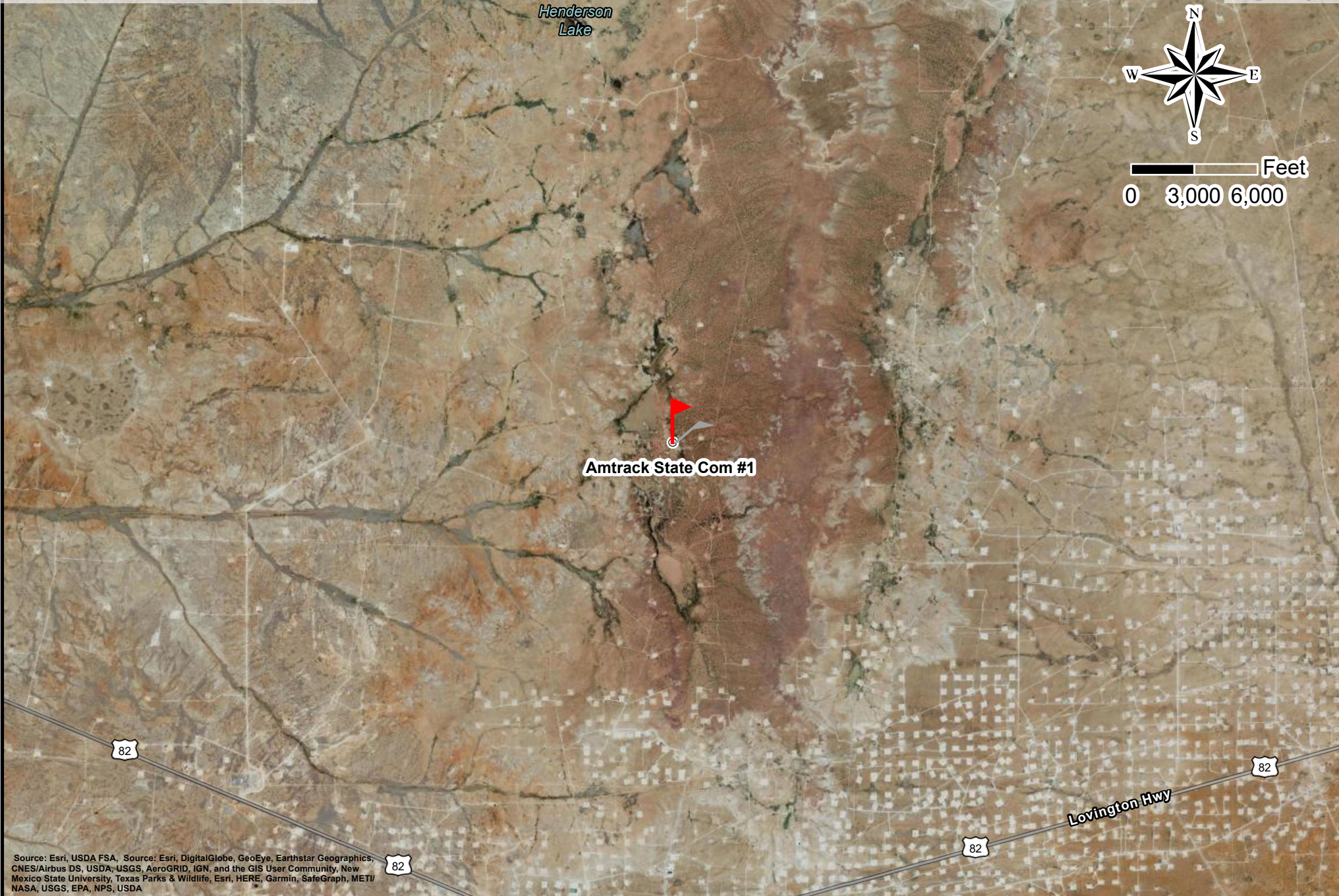


Drafted: 4/21/2022

1 in = 20 ft

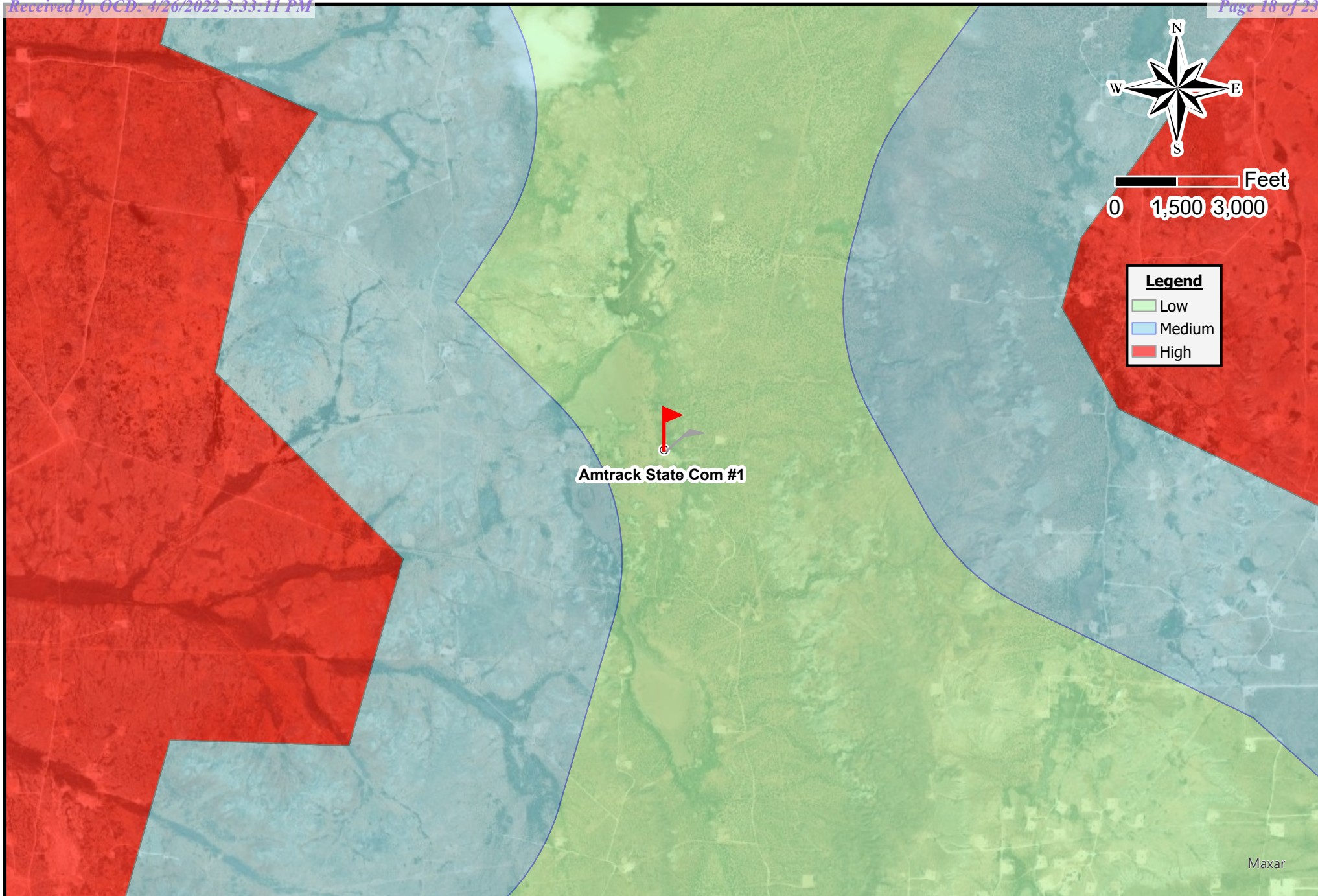
Drafted By: IJR

Amtrack State Com #1 Pasture
API #30-015-30758
EOG Resources, Inc.
Eddy County, NM
Pasture Remediation Map



Drafted: 10/8/2021
1 in = 6,000 ft
Drafted By: JAI

Amtrack State Com #1
API #30-015-30758
EOG Resources, Inc.
Eddy County, NM
Figure 4 - Location Map



Drafted: 10/8/2021
1 in = 3,000 ft
Drafted By: JAI

Amtrack State Com #1
API #30-015-30758
EOG Resources, Inc.
Eddy County, NM
Figure 5 - Karst Map

National Flood Hazard Layer FIRMette



104°10'48"W 32°51'44"N



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

Basemap: USGS National Map: Orthoimagery: 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

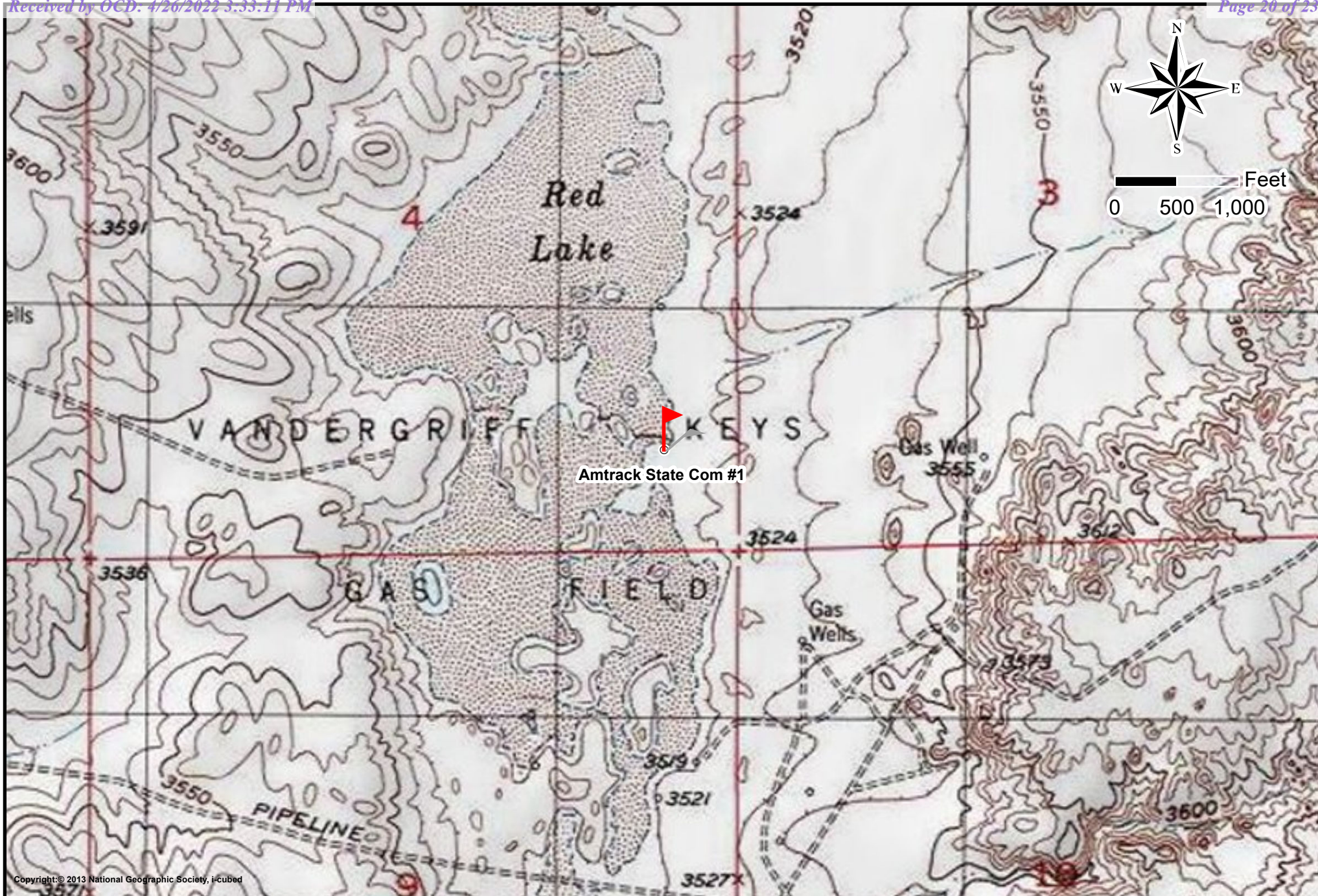
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/13/2021 at 4:41 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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: 10/8/2021
Refer to Map
Drafted By: JAI

Amtrack State Com #1
API #30-015-30758
EOG Resources, Inc.
Eddy County, NM
Figure 6 - FEMA Map



Copyright: © 2013 National Geographic Society, i-Cubed



Drafted: 10/8/2021

1 in = 1,000 ft

Drafted By: JAI

Amtrack State Com #1
API #30-015-30758
EOG Resources, Inc.
Eddy 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 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
RA 12307 POD1	RA	ED		4	2	2	14	17S	28E	580495	3633981	3764	140	58	82
RA 12299 POD1	RA	ED		4	3	3	25	16S	28E	580832	3639215	4931	115	70	45

Average Depth to Water: **64 feet**

Minimum Depth: **58 feet**

Maximum Depth: **70 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 577226.98

Northing (Y): 3635850.12

Radius: 5000

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


5/25/21 11:34 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
RA	12307 POD1	4	2	2	14	17S	28E	580495	3633981 

Driller License:	1058	Driller Company:	KEY'S DRILLING & PUMP SERVICE	
Driller Name:	CLINTON KEY			
Drill Start Date:	09/28/2015	Drill Finish Date:	09/30/2015	Plug Date:
Log File Date:	10/07/2015	PCW Rev Date:		Source: Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield: 30 GPM
Casing Size:	4.50	Depth Well:	140 feet	Depth Water: 58 feet

Water Bearing Stratifications:	Top	Bottom	Description
	80	100	Shale/Mudstone/Siltstone
	110	120	Sandstone/Gravel/Conglomerate
	120	140	Other/Unknown

Casing Perforations:	Top	Bottom
	120	140

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.


8/13/21 2:07 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RA	12299 POD1	4	3	3	25	16S	28E	580832	3639215 

Driller License: 1058 **Driller Company:** KEY'S DRILLING & PUMP SERVICE

Driller Name: CLINTON KEY

Drill Start Date: 09/21/2015 **Drill Finish Date:** 09/23/2015 **Plug Date:**

Log File Date: 10/07/2015 **PCW Rev Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 30 GPM

Casing Size: 4.50 **Depth Well:** 115 feet **Depth Water:** 70 feet

Water Bearing Stratifications:	Top	Bottom	Description
	70	80	Sandstone/Gravel/Conglomerate
	80	90	Shale/Mudstone/Siltstone
	105	115	Other/Unknown

Casing Perforations:	Top	Bottom
	95	115

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.

8/13/21 2:07 PM

POINT OF DIVERSION SUMMARY

Map Unit Description: Pajarito-Dune land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

PD—Pajarito-Dune land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w55

Elevation: 3,000 to 5,000 feet

Mean annual precipitation: 10 to 15 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 46 percent

Dune land: 45 percent

Minor components: 9 percent

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

Description of Pajarito

Setting

Landform: Dunes, interdunes, plains

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear

Across-slope shape: Convex, linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: fine sandy loam

H2 - 9 to 36 inches: fine sandy loam

H3 - 36 to 72 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): 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: 15 percent

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

Sodium adsorption ratio, maximum: 1.0

Available water capacity: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 2e

Land capability classification (nonirrigated): 7e

Map Unit Description: Pajarito-Dune land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Hydrologic Soil Group: A
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Description of Dune Land

Setting

Landform: Dune fields
Landform position (two-dimensional): Footslope, shoulder, backslope
Landform position (three-dimensional): Talf
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

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

Interpretive groups

Land capability classification (irrigated): None specified
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 5 percent
Hydric soil rating: No

Largo

Percent of map unit: 4 percent
Ecological site: R042XC007NM - Loamy
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 16, Jun 8, 2020



APPENDIX III

PHOTOGRAPHIC DOCUMENTATION



Closure Report
EOG Resources, Inc.
Amtrack State Com #1



Photograph No.1 Description:

Pasture Impact



Photograph No.2 Description:

Impacted Pad Area at Well Marker



Photograph No.3 Description:

Aerial of Pasture Excavation



Photograph No.4 Description:

Aerial of Pad Excavation



Closure Report
EOG Resources, Inc.
Amtrack State Com #1



Photograph No.5 Description:

Completed Excavation of Pasture Impact



Photograph No.6 Description:

Backfilled to grade at Well Marker on Pad



Photograph No.7 Description:

Liner installation



Photograph No.8 Description:

Liner keyed in on all boundaries



Photograph No.9 Description:

Liner installation and backfill-topsoil



Photograph No.10 Description:

Backfilled to grade-seeding pasture area



APPENDIX IV

C-141 FORMS

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

State of New Mexico
Energy Minerals and Natural
Resources Department
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	nAPP2113129816
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Robert Asher	Contact Telephone 575-748-4217
Contact email bob_asher@eogresources.com	Incident # (assigned by OCD)
Contact mailing address 104 S. 4 th	

Location of Release Source

Latitude 32.85803 Longitude -104.17463
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Amtrack State Com #1	Site Type: Well Pad
Date Release Discovered: 5/10/2021	API# 30-015-30758

Unit Letter	Section	Township	Range	County
P	4	17S	28E	Eddy

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 (Unknown)	Volume Recovered (Unknown)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Unknown)
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/>	Volume/Weight Released	Volume/Weight Recovered

Cause of Release

When conducting a site check of the P&A'd well pad, an area west of the dry hole marker showed signs of soils impacted from produced water (approximate area, 65' X 65').

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2113129816
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?

☐ Yes ☒ No

If YES, for what reason(s) does the responsible party consider this a major release?

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.


If all the actions described above have not 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: Robert Asher

Title: Environmental Supervisor

Signature: 

Date: 5-10-2021

email: bob_asher@eogresources.com

Telephone: 575-748-4217

OCD Only

Received by: Ramona Marcus

Date: 5/14/2021

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 27696

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	27696	Action Type:	C-141
OCD Reviewer	Condition								
marcus	None								

Incident ID	NAPP2113129816
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>56</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	NAPP2113129816
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: Chase Settle Title: Rep Safety & Environmental SrSignature:  Date: 10/08/2021Email: Chase_Settle@eogresources.com Telephone: 575-748-1471**OCD Only**

Received by: _____ Date: _____

Incident ID	NAPP2113129816
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature:  Date: 10/08/2021

Email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	nAPP2113129816
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: Jeremy Haass Title: Sr. Safety & Environmental Specialist

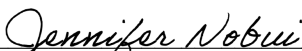
Signature:  Date: 4/22/2022

Email: Jeremy_Haass@eogresouces.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 05/20/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist 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 54933

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 54933
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved. Please include remediation on pad in Closure Report.	3/4/2022

From: [Nobui, Jennifer, EMNRD](#)
To: [Rebecca Pons](#)
Cc: [Billings, Bradford, EMNRD](#)
Subject: RE: [EXTERNAL] Amtrack Incident No. napp2113129816
Date: Monday, April 25, 2022 10:16:53 AM
Attachments: [image001.png](#)

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

Thanks Rebecca for the requested information. OCD concurs with your request to omit analyzing soil for BTEX and TPH in the lined area, however, going forward, you will be required to analyze all analytes listed within 19.15.29 NMAC (BTEX and TPH) without prior approval from OCD. Please have EOG upload this remediation plan again (as a TAG) with all the site plans into the portal so we have a complete record of the Remediation Plan.

The OCD requires a copy of all correspondence relative to remedial projects be included in all proposal and/or final closure reports. Correspondence required to be included in reports may include, but not necessarily limited to, extension requests, liner inspection notifications, sample event notifications, spill/release/fire notifications, and variance requests. This will allow for notifications and requests to become a documented part of the incident file.

Please let me know if you have any questions.

Thanks,
Jennifer Nobui

From: Rebecca Pons <rpons@talonlpe.com>
Sent: Monday, April 25, 2022 9:54 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Subject: RE: [EXTERNAL] Amtrack Incident No. napp2113129816

Yes ma'am. Please let me know if you need anything else.

Rebecca Pons

Rebecca Pons
Senior Environmental Project Manager
Office: 575.746.8768 x708
Direct: 575.616.4023
Cell: 575.441.0980
Fax: 575.746.8905
Emergency: 866.742.0742
Web: www.talonlpe.com



From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Monday, April 25, 2022 9:45 AM
To: Rebecca Pons <rpons@talonlpe.com>
Subject: RE: [EXTERNAL] Amtrack Incident No. napp2113129816

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

Thanks Rebecca, can you send me the site plan, it appears tom be missing.

From: Rebecca Pons <rpons@talonlpe.com>
Sent: Monday, April 25, 2022 9:38 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Subject: RE: [EXTERNAL] Amtrack Incident No. napp2113129816

Hi Jennifer,

My apologies, but I never received your email requesting the work plan. Just as a note; I do not upload any reports or spill notifications on EOG's behalf as they have their own regulatory department that takes care of this. The work plan was uploaded by EOG Resources and they notified me of the approval.

I have attached the work plan as well as the approval to this email for your review and records. The pasture area was fully delineated and the analytes of BTEX and TPH were ruled out as an analyte of concern. Please review and let me know if you have any questions.

Thank you for the response,

Rebecca Pons

Rebecca Pons
Senior Environmental Project Manager
Office: 575.746.8768 x708
Direct: 575.616.4023
Cell: 575.441.0980
Fax: 575.746.8905
Emergency: 866.742.0742
Web: www.talonlpe.com



From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Monday, April 25, 2022 9:27 AM
To: Rebecca Pons <rpons@talonlpe.com>
Cc: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: FW: [EXTERNAL] Amtrack Incident No. napp2113129816

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

Hello Rebecca

I still have not heard back from you regarding your request. Can you resubmit the Remediation Plan into our system as a TAG and also email me a copy so we can evaluate your request? Otherwise you will need to analyze your soils samples for TPH and BTEX. The remediation plan is missing in our system. We have been having issues with your uploads not being editable in the past regarding signing the C141 forms. Please let me know if you have any questions.

Thanks,
Jennifer Nobui

From: Nobui, Jennifer, EMNRD
Sent: Tuesday, April 19, 2022 11:46 AM
To: rpons@talonlpe.com
Cc: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: FW: [EXTERNAL] Amtrack Incident No. napp2113129816

Hello Rebecca

Regarding your request below, can you upload as a tag the remediation plan and email us a copy as well? We cannot locate the remediation plan in our system. We need to process the data before we can make a determination on your request.

Thanks,

Jennifer Nobui, PG • Environmental Specialist A

Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113
505.470-3407 | Jennifer.Nobui@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Rebecca Pons <rpons@talonlpe.com>
Sent: Monday, April 18, 2022 3:43 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: [EXTERNAL] Amtrack Incident No. napp2113129816

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

Hi Rob,

We have completed the installation of the 20 mil liner at 4 feet. We took composite samples of the sidewalls in order to confirm horizontal remediation and tested for all analytes. Would you consent to chlorides only for the bottom samples since we have submitted vertical delineation for all analytes in the work plan? The laboratory costs for this site have been exorbitant. Please advise me.

Best Regards,

Rebecca Pons

Rebecca Pons
Senior Environmental Project Manager
Office: 575.746.8768 x708
Direct: 575.616.4023
Cell: 575.441.0980
Fax: 575.746.8905
Emergency: 866.742.0742
Web: www.talonlpe.com





APPENDIX V

LABORATORY DATA



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

June 04, 2021

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

RE: Amtrack State Com 1 AMT

OrderNo.: 2105B46

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 10 sample(s) on 5/27/2021 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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2105B46

Date Reported: 6/4/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-1 0-1R

Project: Amtrack State Com 1 AMT

Collection Date: 5/25/2021 8:55:00 AM

Lab ID: 2105B46-001

Matrix: SOIL

Received Date: 5/27/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	6000	300		mg/Kg	100	6/2/2021 8:07:37 AM	60371
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/29/2021 5:42:04 AM	60310
Surr: BFB	102	70-130		%Rec	1	5/29/2021 5:42:04 AM	60310
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	180	9.3		mg/Kg	1	5/29/2021 11:31:13 AM	60311
Motor Oil Range Organics (MRO)	630	46		mg/Kg	1	5/29/2021 11:31:13 AM	60311
Surr: DNOP	72.6	70-130		%Rec	1	5/29/2021 11:31:13 AM	60311
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/29/2021 5:42:04 AM	60310
Toluene	ND	0.050		mg/Kg	1	5/29/2021 5:42:04 AM	60310
Ethylbenzene	ND	0.050		mg/Kg	1	5/29/2021 5:42:04 AM	60310
Xylenes, Total	ND	0.099		mg/Kg	1	5/29/2021 5:42:04 AM	60310
Surr: 1,2-Dichloroethane-d4	88.5	70-130		%Rec	1	5/29/2021 5:42:04 AM	60310
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	5/29/2021 5:42:04 AM	60310
Surr: Dibromofluoromethane	108	70-130		%Rec	1	5/29/2021 5:42:04 AM	60310
Surr: Toluene-d8	95.1	70-130		%Rec	1	5/29/2021 5:42:04 AM	60310

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		

Page 1 of 14

Analytical Report

Lab Order 2105B46

Date Reported: 6/4/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-2 0-1R

Project: Amtrack State Com 1 AMT

Collection Date: 5/25/2021 9:05:00 AM

Lab ID: 2105B46-002

Matrix: SOIL

Received Date: 5/27/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	160	60		mg/Kg	20	6/1/2021 9:36:58 PM	60371
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/29/2021 6:10:37 AM	60310
Surr: BFB	102	70-130		%Rec	1	5/29/2021 6:10:37 AM	60310
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	17	8.9		mg/Kg	1	6/1/2021 4:50:10 PM	60311
Motor Oil Range Organics (MRO)	170	45		mg/Kg	1	6/1/2021 4:50:10 PM	60311
Surr: DNOP	93.5	70-130		%Rec	1	6/1/2021 4:50:10 PM	60311
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	5/29/2021 6:10:37 AM	60310
Toluene	ND	0.049		mg/Kg	1	5/29/2021 6:10:37 AM	60310
Ethylbenzene	ND	0.049		mg/Kg	1	5/29/2021 6:10:37 AM	60310
Xylenes, Total	ND	0.097		mg/Kg	1	5/29/2021 6:10:37 AM	60310
Surr: 1,2-Dichloroethane-d4	85.4	70-130		%Rec	1	5/29/2021 6:10:37 AM	60310
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	5/29/2021 6:10:37 AM	60310
Surr: Dibromofluoromethane	98.3	70-130		%Rec	1	5/29/2021 6:10:37 AM	60310
Surr: Toluene-d8	96.0	70-130		%Rec	1	5/29/2021 6:10:37 AM	60310

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		

Page 2 of 14

Analytical Report

Lab Order 2105B46

Date Reported: 6/4/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-3 0-1R

Project: Amtrack State Com 1 AMT

Collection Date: 5/25/2021 9:15:00 AM

Lab ID: 2105B46-003

Matrix: SOIL

Received Date: 5/27/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	23000	1500		mg/Kg	500	6/2/2021 8:20:02 AM	60371
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/29/2021 6:39:06 AM	60310
Surr: BFB	104	70-130		%Rec	1	5/29/2021 6:39:06 AM	60310
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	16	9.9		mg/Kg	1	5/29/2021 12:16:19 PM	60311
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/29/2021 12:16:19 PM	60311
Surr: DNOP	116	70-130		%Rec	1	5/29/2021 12:16:19 PM	60311
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	5/29/2021 6:39:06 AM	60310
Toluene	ND	0.049		mg/Kg	1	5/29/2021 6:39:06 AM	60310
Ethylbenzene	ND	0.049		mg/Kg	1	5/29/2021 6:39:06 AM	60310
Xylenes, Total	ND	0.098		mg/Kg	1	5/29/2021 6:39:06 AM	60310
Surr: 1,2-Dichloroethane-d4	86.1	70-130		%Rec	1	5/29/2021 6:39:06 AM	60310
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	5/29/2021 6:39:06 AM	60310
Surr: Dibromofluoromethane	105	70-130		%Rec	1	5/29/2021 6:39:06 AM	60310
Surr: Toluene-d8	96.4	70-130		%Rec	1	5/29/2021 6:39:06 AM	60310

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		

Page 3 of 14

Analytical Report

Lab Order 2105B46

Date Reported: 6/4/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-4 0-1R

Project: Amtrack State Com 1 AMT

Collection Date: 5/25/2021 9:30:00 AM

Lab ID: 2105B46-004

Matrix: SOIL

Received Date: 5/27/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	5900	300		mg/Kg	100	6/2/2021 8:32:26 AM	60371
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/29/2021 7:07:37 AM	60310
Surr: BFB	101	70-130		%Rec	1	5/29/2021 7:07:37 AM	60310
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	45	9.0		mg/Kg	1	5/29/2021 12:25:50 PM	60311
Motor Oil Range Organics (MRO)	150	45		mg/Kg	1	5/29/2021 12:25:50 PM	60311
Surr: DNOP	109	70-130		%Rec	1	5/29/2021 12:25:50 PM	60311
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/29/2021 7:07:37 AM	60310
Toluene	ND	0.049		mg/Kg	1	5/29/2021 7:07:37 AM	60310
Ethylbenzene	ND	0.049		mg/Kg	1	5/29/2021 7:07:37 AM	60310
Xylenes, Total	ND	0.098		mg/Kg	1	5/29/2021 7:07:37 AM	60310
Surr: 1,2-Dichloroethane-d4	84.9	70-130		%Rec	1	5/29/2021 7:07:37 AM	60310
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	5/29/2021 7:07:37 AM	60310
Surr: Dibromofluoromethane	100	70-130		%Rec	1	5/29/2021 7:07:37 AM	60310
Surr: Toluene-d8	94.2	70-130		%Rec	1	5/29/2021 7:07:37 AM	60310

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		

Page 4 of 14

Analytical Report

Lab Order 2105B46

Date Reported: 6/4/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5 0-1R

Project: Amtrack State Com 1 AMT

Collection Date: 5/25/2021 9:40:00 AM

Lab ID: 2105B46-005

Matrix: SOIL

Received Date: 5/27/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	8700	600		mg/Kg	200	6/2/2021 8:44:51 AM	60371
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/1/2021 3:30:48 PM	60310
Surr: BFB	103	70-130		%Rec	1	6/1/2021 3:30:48 PM	60310
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/29/2021 12:35:26 PM	60311
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/29/2021 12:35:26 PM	60311
Surr: DNOP	117	70-130		%Rec	1	5/29/2021 12:35:26 PM	60311
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	6/1/2021 3:30:48 PM	60310
Toluene	ND	0.049		mg/Kg	1	6/1/2021 3:30:48 PM	60310
Ethylbenzene	ND	0.049		mg/Kg	1	6/1/2021 3:30:48 PM	60310
Xylenes, Total	ND	0.098		mg/Kg	1	6/1/2021 3:30:48 PM	60310
Surr: 1,2-Dichloroethane-d4	88.7	70-130		%Rec	1	6/1/2021 3:30:48 PM	60310
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	6/1/2021 3:30:48 PM	60310
Surr: Dibromofluoromethane	105	70-130		%Rec	1	6/1/2021 3:30:48 PM	60310
Surr: Toluene-d8	95.2	70-130		%Rec	1	6/1/2021 3:30:48 PM	60310

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		

Page 5 of 14

Analytical Report

Lab Order 2105B46

Date Reported: 6/4/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-6 0-1R

Project: Amtrack State Com 1 AMT

Collection Date: 5/25/2021 9:50:00 AM

Lab ID: 2105B46-006

Matrix: SOIL

Received Date: 5/27/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	18000	600		mg/Kg	200	6/2/2021 8:57:15 AM	60371
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	5/29/2021 8:04:59 AM	60310
Surr: BFB	101	70-130		%Rec	1	5/29/2021 8:04:59 AM	60310
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	150	9.8		mg/Kg	1	5/29/2021 12:45:13 PM	60311
Motor Oil Range Organics (MRO)	460	49		mg/Kg	1	5/29/2021 12:45:13 PM	60311
Surr: DNOP	112	70-130		%Rec	1	5/29/2021 12:45:13 PM	60311
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	5/29/2021 8:04:59 AM	60310
Toluene	ND	0.048		mg/Kg	1	5/29/2021 8:04:59 AM	60310
Ethylbenzene	ND	0.048		mg/Kg	1	5/29/2021 8:04:59 AM	60310
Xylenes, Total	ND	0.097		mg/Kg	1	5/29/2021 8:04:59 AM	60310
Surr: 1,2-Dichloroethane-d4	87.0	70-130		%Rec	1	5/29/2021 8:04:59 AM	60310
Surr: 4-Bromofluorobenzene	92.0	70-130		%Rec	1	5/29/2021 8:04:59 AM	60310
Surr: Dibromofluoromethane	101	70-130		%Rec	1	5/29/2021 8:04:59 AM	60310
Surr: Toluene-d8	97.5	70-130		%Rec	1	5/29/2021 8:04:59 AM	60310

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		

Page 6 of 14

Analytical Report

Lab Order 2105B46

Date Reported: 6/4/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BG-1 0-1'

Project: Amtrack State Com 1 AMT

Collection Date: 5/25/2021 8:20:00 AM

Lab ID: 2105B46-007

Matrix: SOIL

Received Date: 5/27/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	860	61		mg/Kg	20	6/1/2021 11:03:51 PM	60371
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/29/2021 8:33:30 AM	60310
Surr: BFB	100	70-130		%Rec	1	5/29/2021 8:33:30 AM	60310
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	5/29/2021 12:55:11 PM	60311
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/29/2021 12:55:11 PM	60311
Surr: DNOP	129	70-130		%Rec	1	5/29/2021 12:55:11 PM	60311
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/29/2021 8:33:30 AM	60310
Toluene	ND	0.049		mg/Kg	1	5/29/2021 8:33:30 AM	60310
Ethylbenzene	ND	0.049		mg/Kg	1	5/29/2021 8:33:30 AM	60310
Xylenes, Total	ND	0.099		mg/Kg	1	5/29/2021 8:33:30 AM	60310
Surr: 1,2-Dichloroethane-d4	83.1	70-130		%Rec	1	5/29/2021 8:33:30 AM	60310
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	5/29/2021 8:33:30 AM	60310
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/29/2021 8:33:30 AM	60310
Surr: Toluene-d8	94.8	70-130		%Rec	1	5/29/2021 8:33:30 AM	60310

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		

Page 7 of 14

Analytical Report

Lab Order 2105B46

Date Reported: 6/4/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BG-2 0-1'

Project: Amtrack State Com 1 AMT

Collection Date: 5/25/2021 8:25:00 AM

Lab ID: 2105B46-008

Matrix: SOIL

Received Date: 5/27/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	7000	300		mg/Kg	100	6/2/2021 9:09:40 AM	60371
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/29/2021 9:02:08 AM	60310
Surr: BFB	102	70-130		%Rec	1	5/29/2021 9:02:08 AM	60310
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/29/2021 1:05:14 PM	60311
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/29/2021 1:05:14 PM	60311
Surr: DNOP	114	70-130		%Rec	1	5/29/2021 1:05:14 PM	60311
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/29/2021 9:02:08 AM	60310
Toluene	ND	0.049		mg/Kg	1	5/29/2021 9:02:08 AM	60310
Ethylbenzene	ND	0.049		mg/Kg	1	5/29/2021 9:02:08 AM	60310
Xylenes, Total	ND	0.099		mg/Kg	1	5/29/2021 9:02:08 AM	60310
Surr: 1,2-Dichloroethane-d4	88.7	70-130		%Rec	1	5/29/2021 9:02:08 AM	60310
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	5/29/2021 9:02:08 AM	60310
Surr: Dibromofluoromethane	106	70-130		%Rec	1	5/29/2021 9:02:08 AM	60310
Surr: Toluene-d8	93.2	70-130		%Rec	1	5/29/2021 9:02:08 AM	60310

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		

Page 8 of 14

Analytical Report

Lab Order 2105B46

Date Reported: 6/4/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BG-3 0-1'

Project: Amtrack State Com 1 AMT

Collection Date: 5/25/2021 8:35:00 AM

Lab ID: 2105B46-009

Matrix: SOIL

Received Date: 5/27/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	9700	300		mg/Kg	100	6/2/2021 9:22:05 AM	60371
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/29/2021 9:30:55 AM	60310
Surr: BFB	101	70-130		%Rec	1	5/29/2021 9:30:55 AM	60310
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	20	9.3		mg/Kg	1	5/29/2021 1:15:22 PM	60311
Motor Oil Range Organics (MRO)	53	47		mg/Kg	1	5/29/2021 1:15:22 PM	60311
Surr: DNOP	124	70-130		%Rec	1	5/29/2021 1:15:22 PM	60311
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/29/2021 9:30:55 AM	60310
Toluene	ND	0.049		mg/Kg	1	5/29/2021 9:30:55 AM	60310
Ethylbenzene	ND	0.049		mg/Kg	1	5/29/2021 9:30:55 AM	60310
Xylenes, Total	ND	0.099		mg/Kg	1	5/29/2021 9:30:55 AM	60310
Surr: 1,2-Dichloroethane-d4	88.2	70-130		%Rec	1	5/29/2021 9:30:55 AM	60310
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	1	5/29/2021 9:30:55 AM	60310
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/29/2021 9:30:55 AM	60310
Surr: Toluene-d8	97.7	70-130		%Rec	1	5/29/2021 9:30:55 AM	60310

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		

Page 9 of 14

Analytical Report

Lab Order 2105B46

Date Reported: 6/4/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BG-4 0-1'

Project: Amtrack State Com 1 AMT

Collection Date: 5/25/2021 8:45:00 AM

Lab ID: 2105B46-010

Matrix: SOIL

Received Date: 5/27/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1600	60		mg/Kg	20	6/1/2021 11:41:06 PM	60371
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/29/2021 9:59:29 AM	60310
Surr: BFB	101	70-130		%Rec	1	5/29/2021 9:59:29 AM	60310
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/29/2021 1:25:34 PM	60311
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/29/2021 1:25:34 PM	60311
Surr: DNOP	109	70-130		%Rec	1	5/29/2021 1:25:34 PM	60311
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/29/2021 9:59:29 AM	60310
Toluene	ND	0.049		mg/Kg	1	5/29/2021 9:59:29 AM	60310
Ethylbenzene	ND	0.049		mg/Kg	1	5/29/2021 9:59:29 AM	60310
Xylenes, Total	ND	0.098		mg/Kg	1	5/29/2021 9:59:29 AM	60310
Surr: 1,2-Dichloroethane-d4	86.6	70-130		%Rec	1	5/29/2021 9:59:29 AM	60310
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	5/29/2021 9:59:29 AM	60310
Surr: Dibromofluoromethane	101	70-130		%Rec	1	5/29/2021 9:59:29 AM	60310
Surr: Toluene-d8	95.8	70-130		%Rec	1	5/29/2021 9:59:29 AM	60310

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		

Page 10 of 14

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2105B46

04-Jun-21

Client: Talon Artesia**Project:** Amtrack State Com 1 AMT

Sample ID: MB-60371	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 60371	RunNo: 78785								
Prep Date: 6/1/2021	Analysis Date: 6/1/2021	SeqNo: 2762695 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-60371	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 60371	RunNo: 78785								
Prep Date: 6/1/2021	Analysis Date: 6/1/2021	SeqNo: 2762696 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	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

Page 11 of 14

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2105B46

04-Jun-21

Client: Talon Artesia**Project:** Amtrack State Com 1 AMT

Sample ID: LCS-60311	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 60311		RunNo: 78762							
Prep Date: 5/28/2021	Analysis Date: 5/29/2021		SeqNo: 2761235		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64	10	50.00	0	128	68.9	141			
Surr: DNOP	6.2		5.000		124	70	130			

Sample ID: MB-60311	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 60311		RunNo: 78762							
Prep Date: 5/28/2021	Analysis Date: 5/29/2021		SeqNo: 2761240		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	11		10.00		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

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#: 2105B46

04-Jun-21

Client: Talon Artesia**Project:** Amtrack State Com 1 AMT

Sample ID: lcs-60310	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 60310	RunNo: 78775								
Prep Date: 5/27/2021	Analysis Date: 5/28/2021	SeqNo: 2761812	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	109	80	120			
Toluene	0.98	0.050	1.000	0	97.6	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.7	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.3	80	120			
Surr: 1,2-Dichloroethane-d4	0.44		0.5000		88.5	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		95.1	70	130			
Surr: Dibromofluoromethane	0.52		0.5000		104	70	130			
Surr: Toluene-d8	0.49		0.5000		97.6	70	130			

Sample ID: mb-60310	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 60310	RunNo: 78775								
Prep Date: 5/27/2021	Analysis Date: 5/28/2021	SeqNo: 2761814	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: 1,2-Dichloroethane-d4	0.44		0.5000		88.8	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.0	70	130			
Surr: Dibromofluoromethane	0.51		0.5000		101	70	130			
Surr: Toluene-d8	0.48		0.5000		96.3	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 13 of 14

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2105B46

04-Jun-21

Client: Talon Artesia
Project: Amtrack State Com 1 AMT

Sample ID: lcs-60310	SampType: LCS			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: LCSS	Batch ID: 60310			RunNo: 78775						
Prep Date: 5/27/2021	Analysis Date: 5/28/2021			SeqNo: 2761980		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.2	70	130			
Surr: BFB	500		500.0		101	70	130			

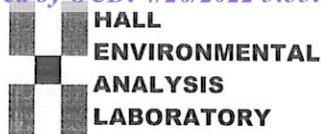
Sample ID: mb-60310	SampType: MBLK			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: PBS	Batch ID: 60310			RunNo: 78775						
Prep Date: 5/27/2021	Analysis Date: 5/28/2021			SeqNo: 2761983		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	520		500.0		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

Page 14 of 14



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: 2105B46

RcptNo: 1

Received By: Juan Rojas

5/27/2021 7:40:00 AM

Juan Rojas

Completed By: Cheyenne Cason

5/27/2021 8:25:20 AM

Cheyenne Cason

Reviewed By:

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: *SPA 5.27.21*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	0.4	Good				
2	0.7	Good				

Chain-of-Custody Record

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

Project Name:

Amtrack State Com #1 (AMT)

Project #:

700438.251.01

Project Manager:

R. Pons

Sampler: J. Carnes

On Ice: ☒ Yes ☐ No

of Coolers: 2

Cooler Temp (including CF): 0.6-0.2=0.4

Container Type and #

Preservative Type

HEAL No. 0.9-0.2=0.7

Glass Jar Cool/Ice

001

002

003

004

005

006

007

008

009

010

Date: 5/21/21 8:30

Time: 8:30

Relinquished by: [Signature]

Date: 5/21/21 1900

Time: 1900

Relinquished by: [Signature]

Received by: [Signature]

Via: [Signature]

Date: 5/21/21 8:30

Time: 8:30

Received by: [Signature]

Date: 5/21/21 8:30

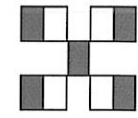
Time: 8:30

Received by: [Signature]

Date: 5/21/21 7:40

Time: 7:40

Received by: [Signature]



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

C H L O R I D E S

B T E X

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Remarks:



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

June 22, 2021

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

RE: Amtrack State Com 1 AmPa

OrderNo.: 2106552

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 35 sample(s) on 6/10/2021 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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-1 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 7:40:00 AM

Lab ID: 2106552-001

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	15000	600		mg/Kg	200	6/15/2021 9:55:25 PM	60595
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	27	9.6		mg/Kg	1	6/12/2021 10:29:51 AM	60552
Motor Oil Range Organics (MRO)	59	48		mg/Kg	1	6/12/2021 10:29:51 AM	60552
Surr: DNOP	94.7	70-130		%Rec	1	6/12/2021 10:29:51 AM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/12/2021 2:59:00 PM	60554
Surr: BFB	95.7	70-130		%Rec	1	6/12/2021 2:59:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	6/12/2021 2:59:00 PM	60554
Toluene	ND	0.048		mg/Kg	1	6/12/2021 2:59:00 PM	60554
Ethylbenzene	ND	0.048		mg/Kg	1	6/12/2021 2:59:00 PM	60554
Xylenes, Total	ND	0.097		mg/Kg	1	6/12/2021 2:59:00 PM	60554
Surr: 4-Bromofluorobenzene	81.3	70-130		%Rec	1	6/12/2021 2:59:00 PM	60554

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		

Page 1 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-1 2'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 9:54:00 AM

Lab ID: 2106552-002

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	5500	300		mg/Kg	100	6/15/2021 10:07:49 PM	60595
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	31	9.2		mg/Kg	1	6/12/2021 10:54:04 AM	60552
Motor Oil Range Organics (MRO)	74	46		mg/Kg	1	6/12/2021 10:54:04 AM	60552
Surr: DNOP	121	70-130		%Rec	1	6/12/2021 10:54:04 AM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/12/2021 3:19:00 PM	60554
Surr: BFB	97.3	70-130		%Rec	1	6/12/2021 3:19:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	6/12/2021 3:19:00 PM	60554
Toluene	ND	0.050		mg/Kg	1	6/12/2021 3:19:00 PM	60554
Ethylbenzene	ND	0.050		mg/Kg	1	6/12/2021 3:19:00 PM	60554
Xylenes, Total	ND	0.099		mg/Kg	1	6/12/2021 3:19:00 PM	60554
Surr: 4-Bromofluorobenzene	81.1	70-130		%Rec	1	6/12/2021 3:19:00 PM	60554

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		

Page 2 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-1 3'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 9:57:00 AM

Lab ID: 2106552-003

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	4000	150		mg/Kg	50	6/15/2021 10:20:13 PM	60595
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/12/2021 11:18:23 AM	60552
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/12/2021 11:18:23 AM	60552
Surr: DNOP	104	70-130		%Rec	1	6/12/2021 11:18:23 AM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 3:39:00 PM	60554
Surr: BFB	99.1	70-130		%Rec	1	6/12/2021 3:39:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	6/12/2021 3:39:00 PM	60554
Toluene	ND	0.049		mg/Kg	1	6/12/2021 3:39:00 PM	60554
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 3:39:00 PM	60554
Xylenes, Total	ND	0.097		mg/Kg	1	6/12/2021 3:39:00 PM	60554
Surr: 4-Bromofluorobenzene	83.6	70-130		%Rec	1	6/12/2021 3:39:00 PM	60554

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		

Page 3 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-1 4'

Project: Amtrack State Com 1 AmPa

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

Lab ID: 2106552-004

Matrix: SOIL

Received Date: 6/10/2021 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	6/15/2021 10:32:37 PM	60595
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	6/12/2021 11:42:44 AM	60552
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/12/2021 11:42:44 AM	60552
Surr: DNOP	91.1	70-130		%Rec	1	6/12/2021 11:42:44 AM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/12/2021 3:59:00 PM	60554
Surr: BFB	95.7	70-130		%Rec	1	6/12/2021 3:59:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	6/12/2021 3:59:00 PM	60554
Toluene	ND	0.048		mg/Kg	1	6/12/2021 3:59:00 PM	60554
Ethylbenzene	ND	0.048		mg/Kg	1	6/12/2021 3:59:00 PM	60554
Xylenes, Total	ND	0.096		mg/Kg	1	6/12/2021 3:59:00 PM	60554
Surr: 4-Bromofluorobenzene	83.1	70-130		%Rec	1	6/12/2021 3:59:00 PM	60554

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		

Page 4 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-2 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 10:24:00 AM

Lab ID: 2106552-005

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	13000	600		mg/Kg	200	6/15/2021 10:45:02 PM	60595
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	19	9.6		mg/Kg	1	6/12/2021 12:07:09 PM	60552
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/12/2021 12:07:09 PM	60552
Surr: DNOP	87.2	70-130		%Rec	1	6/12/2021 12:07:09 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 4:19:00 PM	60554
Surr: BFB	98.2	70-130		%Rec	1	6/12/2021 4:19:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	6/12/2021 4:19:00 PM	60554
Toluene	ND	0.049		mg/Kg	1	6/12/2021 4:19:00 PM	60554
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 4:19:00 PM	60554
Xylenes, Total	ND	0.099		mg/Kg	1	6/12/2021 4:19:00 PM	60554
Surr: 4-Bromofluorobenzene	83.8	70-130		%Rec	1	6/12/2021 4:19:00 PM	60554

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		

Page 5 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-2 2'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 10:27:00 AM

Lab ID: 2106552-006

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	8500	300		mg/Kg	100	6/15/2021 10:57:26 PM	60595
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	28	8.4		mg/Kg	1	6/12/2021 12:31:37 PM	60552
Motor Oil Range Organics (MRO)	57	42		mg/Kg	1	6/12/2021 12:31:37 PM	60552
Surr: DNOP	81.5	70-130		%Rec	1	6/12/2021 12:31:37 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/12/2021 4:39:00 PM	60554
Surr: BFB	97.2	70-130		%Rec	1	6/12/2021 4:39:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	6/12/2021 4:39:00 PM	60554
Toluene	ND	0.050		mg/Kg	1	6/12/2021 4:39:00 PM	60554
Ethylbenzene	ND	0.050		mg/Kg	1	6/12/2021 4:39:00 PM	60554
Xylenes, Total	ND	0.10		mg/Kg	1	6/12/2021 4:39:00 PM	60554
Surr: 4-Bromofluorobenzene	83.3	70-130		%Rec	1	6/12/2021 4:39:00 PM	60554

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		

Page 6 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-2 3'

Project: Amtrack State Com 1 AmPa

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

Lab ID: 2106552-007

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	5200	150		mg/Kg	50	6/15/2021 11:09:50 PM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	44	9.3		mg/Kg	1	6/12/2021 12:56:10 PM	60552
Motor Oil Range Organics (MRO)	96	46		mg/Kg	1	6/12/2021 12:56:10 PM	60552
Surr: DNOP	84.3	70-130		%Rec	1	6/12/2021 12:56:10 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 4:59:00 PM	60554
Surr: BFB	102	70-130		%Rec	1	6/12/2021 4:59:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	6/12/2021 4:59:00 PM	60554
Toluene	ND	0.049		mg/Kg	1	6/12/2021 4:59:00 PM	60554
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 4:59:00 PM	60554
Xylenes, Total	ND	0.099		mg/Kg	1	6/12/2021 4:59:00 PM	60554
Surr: 4-Bromofluorobenzene	83.5	70-130		%Rec	1	6/12/2021 4:59:00 PM	60554

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		

Page 7 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-2 4'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 10:33:00 AM

Lab ID: 2106552-008

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	5600	300		mg/Kg	100	6/15/2021 11:47:03 PM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/12/2021 1:20:49 PM	60552
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/12/2021 1:20:49 PM	60552
Surr: DNOP	82.4	70-130		%Rec	1	6/12/2021 1:20:49 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/12/2021 5:20:00 PM	60554
Surr: BFB	94.4	70-130		%Rec	1	6/12/2021 5:20:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	6/12/2021 5:20:00 PM	60554
Toluene	ND	0.048		mg/Kg	1	6/12/2021 5:20:00 PM	60554
Ethylbenzene	ND	0.048		mg/Kg	1	6/12/2021 5:20:00 PM	60554
Xylenes, Total	ND	0.097		mg/Kg	1	6/12/2021 5:20:00 PM	60554
Surr: 4-Bromofluorobenzene	82.5	70-130		%Rec	1	6/12/2021 5:20:00 PM	60554

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		

Page 8 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-3 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:15:00 AM

Lab ID: 2106552-009

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	11000	600		mg/Kg	200	6/15/2021 11:59:27 PM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	34	9.4		mg/Kg	1	6/11/2021 1:56:43 PM	60552
Motor Oil Range Organics (MRO)	48	47		mg/Kg	1	6/11/2021 1:56:43 PM	60552
Surr: DNOP	105	70-130		%Rec	1	6/11/2021 1:56:43 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 6:20:00 PM	60554
Surr: BFB	96.6	70-130		%Rec	1	6/12/2021 6:20:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	6/12/2021 6:20:00 PM	60554
Toluene	ND	0.049		mg/Kg	1	6/12/2021 6:20:00 PM	60554
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 6:20:00 PM	60554
Xylenes, Total	ND	0.098		mg/Kg	1	6/12/2021 6:20:00 PM	60554
Surr: 4-Bromofluorobenzene	81.3	70-130		%Rec	1	6/12/2021 6:20:00 PM	60554

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 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-3 2'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:18:00 AM

Lab ID: 2106552-010

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	17000	600		mg/Kg	200	6/16/2021 12:11:52 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	18	9.5		mg/Kg	1	6/12/2021 1:45:29 PM	60552
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/12/2021 1:45:29 PM	60552
Surr: DNOP	79.1	70-130		%Rec	1	6/12/2021 1:45:29 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 6:40:00 PM	60554
Surr: BFB	96.2	70-130		%Rec	1	6/12/2021 6:40:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	6/12/2021 6:40:00 PM	60554
Toluene	ND	0.049		mg/Kg	1	6/12/2021 6:40:00 PM	60554
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 6:40:00 PM	60554
Xylenes, Total	ND	0.098		mg/Kg	1	6/12/2021 6:40:00 PM	60554
Surr: 4-Bromofluorobenzene	80.3	70-130		%Rec	1	6/12/2021 6:40:00 PM	60554

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		

Page 10 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-3 3'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:21:00 AM

Lab ID: 2106552-011

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	17000	600		mg/Kg	200	6/16/2021 12:24:16 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	35	9.2		mg/Kg	1	6/12/2021 2:10:11 PM	60552
Motor Oil Range Organics (MRO)	52	46		mg/Kg	1	6/12/2021 2:10:11 PM	60552
Surr: DNOP	79.8	70-130		%Rec	1	6/12/2021 2:10:11 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 7:00:00 PM	60554
Surr: BFB	93.4	70-130		%Rec	1	6/12/2021 7:00:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	6/12/2021 7:00:00 PM	60554
Toluene	ND	0.049		mg/Kg	1	6/12/2021 7:00:00 PM	60554
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 7:00:00 PM	60554
Xylenes, Total	ND	0.097		mg/Kg	1	6/12/2021 7:00:00 PM	60554
Surr: 4-Bromofluorobenzene	80.2	70-130		%Rec	1	6/12/2021 7:00:00 PM	60554

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		

Page 11 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-3 4'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:24:00 AM

Lab ID: 2106552-012

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	4900	300		mg/Kg	100	6/16/2021 12:36:41 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/14/2021 8:39:18 PM	60552
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/14/2021 8:39:18 PM	60552
Surr: DNOP	106	70-130		%Rec	1	6/14/2021 8:39:18 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 7:20:00 PM	60554
Surr: BFB	95.6	70-130		%Rec	1	6/12/2021 7:20:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	6/12/2021 7:20:00 PM	60554
Toluene	ND	0.049		mg/Kg	1	6/12/2021 7:20:00 PM	60554
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 7:20:00 PM	60554
Xylenes, Total	ND	0.098		mg/Kg	1	6/12/2021 7:20:00 PM	60554
Surr: 4-Bromofluorobenzene	82.4	70-130		%Rec	1	6/12/2021 7:20:00 PM	60554

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		

Page 12 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-4 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:35:00 AM

Lab ID: 2106552-013

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	13000	600		mg/Kg	200	6/16/2021 12:49:05 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	23	9.5		mg/Kg	1	6/15/2021 11:48:39 PM	60552
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/15/2021 11:48:39 PM	60552
Surr: DNOP	118	70-130		%Rec	1	6/15/2021 11:48:39 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/12/2021 7:40:00 PM	60554
Surr: BFB	97.2	70-130		%Rec	1	6/12/2021 7:40:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	6/12/2021 7:40:00 PM	60554
Toluene	ND	0.050		mg/Kg	1	6/12/2021 7:40:00 PM	60554
Ethylbenzene	ND	0.050		mg/Kg	1	6/12/2021 7:40:00 PM	60554
Xylenes, Total	ND	0.099		mg/Kg	1	6/12/2021 7:40:00 PM	60554
Surr: 4-Bromofluorobenzene	81.5	70-130		%Rec	1	6/12/2021 7:40:00 PM	60554

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		

Page 13 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-4 2'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:38:00 AM

Lab ID: 2106552-014

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	5200	300		mg/Kg	100	6/16/2021 1:01:30 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/12/2021 3:24:37 PM	60552
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/12/2021 3:24:37 PM	60552
Surr: DNOP	82.4	70-130		%Rec	1	6/12/2021 3:24:37 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/12/2021 8:00:00 PM	60554
Surr: BFB	98.2	70-130		%Rec	1	6/12/2021 8:00:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	6/12/2021 8:00:00 PM	60554
Toluene	ND	0.048		mg/Kg	1	6/12/2021 8:00:00 PM	60554
Ethylbenzene	ND	0.048		mg/Kg	1	6/12/2021 8:00:00 PM	60554
Xylenes, Total	ND	0.096		mg/Kg	1	6/12/2021 8:00:00 PM	60554
Surr: 4-Bromofluorobenzene	82.8	70-130		%Rec	1	6/12/2021 8:00:00 PM	60554

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		

Page 14 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-4 3'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:41:00 AM

Lab ID: 2106552-015

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1500	60		mg/Kg	20	6/13/2021 9:48:59 PM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/14/2021 9:28:07 PM	60552
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/14/2021 9:28:07 PM	60552
Surr: DNOP	98.5	70-130		%Rec	1	6/14/2021 9:28:07 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/12/2021 8:20:00 PM	60554
Surr: BFB	100	70-130		%Rec	1	6/12/2021 8:20:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	6/12/2021 8:20:00 PM	60554
Toluene	ND	0.050		mg/Kg	1	6/12/2021 8:20:00 PM	60554
Ethylbenzene	ND	0.050		mg/Kg	1	6/12/2021 8:20:00 PM	60554
Xylenes, Total	ND	0.10		mg/Kg	1	6/12/2021 8:20:00 PM	60554
Surr: 4-Bromofluorobenzene	83.8	70-130		%Rec	1	6/12/2021 8:20:00 PM	60554

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		

Page 15 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-4 4'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:44:00 AM

Lab ID: 2106552-016

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2300	60		mg/Kg	20	6/13/2021 10:01:24 PM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/15/2021 1:54:19 PM	60552
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/15/2021 1:54:19 PM	60552
Surr: DNOP	86.4	70-130		%Rec	1	6/15/2021 1:54:19 PM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/12/2021 8:40:00 PM	60554
Surr: BFB	96.1	70-130		%Rec	1	6/12/2021 8:40:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	6/12/2021 8:40:00 PM	60554
Toluene	ND	0.050		mg/Kg	1	6/12/2021 8:40:00 PM	60554
Ethylbenzene	ND	0.050		mg/Kg	1	6/12/2021 8:40:00 PM	60554
Xylenes, Total	ND	0.099		mg/Kg	1	6/12/2021 8:40:00 PM	60554
Surr: 4-Bromofluorobenzene	82.3	70-130		%Rec	1	6/12/2021 8:40:00 PM	60554

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		

Page 16 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-5 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 7:55:00 AM

Lab ID: 2106552-017

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	9000	590		mg/Kg	200	6/16/2021 1:13:54 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	21	8.8		mg/Kg	1	6/16/2021 12:36:48 AM	60552
Motor Oil Range Organics (MRO)	47	44		mg/Kg	1	6/16/2021 12:36:48 AM	60552
Surr: DNOP	116	70-130		%Rec	1	6/16/2021 12:36:48 AM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/12/2021 9:00:00 PM	60554
Surr: BFB	96.1	70-130		%Rec	1	6/12/2021 9:00:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	6/12/2021 9:00:00 PM	60554
Toluene	ND	0.048		mg/Kg	1	6/12/2021 9:00:00 PM	60554
Ethylbenzene	ND	0.048		mg/Kg	1	6/12/2021 9:00:00 PM	60554
Xylenes, Total	ND	0.095		mg/Kg	1	6/12/2021 9:00:00 PM	60554
Surr: 4-Bromofluorobenzene	81.6	70-130		%Rec	1	6/12/2021 9:00:00 PM	60554

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		

Page 17 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-5 2'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 10:07:00 AM

Lab ID: 2106552-018

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1600	60		mg/Kg	20	6/13/2021 10:26:13 PM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	57	9.3		mg/Kg	1	6/16/2021 1:00:52 AM	60552
Motor Oil Range Organics (MRO)	190	46		mg/Kg	1	6/16/2021 1:00:52 AM	60552
Surr: DNOP	101	70-130		%Rec	1	6/16/2021 1:00:52 AM	60552
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/12/2021 9:20:00 PM	60554
Surr: BFB	96.2	70-130		%Rec	1	6/12/2021 9:20:00 PM	60554
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	6/12/2021 9:20:00 PM	60554
Toluene	ND	0.050		mg/Kg	1	6/12/2021 9:20:00 PM	60554
Ethylbenzene	ND	0.050		mg/Kg	1	6/12/2021 9:20:00 PM	60554
Xylenes, Total	ND	0.099		mg/Kg	1	6/12/2021 9:20:00 PM	60554
Surr: 4-Bromofluorobenzene	82.1	70-130		%Rec	1	6/12/2021 9:20:00 PM	60554

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		

Page 18 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-5 3'

Project: Amtrack State Com 1 AmPa

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

Lab ID: 2106552-019

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2400	150		mg/Kg	50	6/16/2021 1:26:18 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/15/2021 1:23:27 PM	60562
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/15/2021 1:23:27 PM	60562
Surr: DNOP	109	70-130		%Rec	1	6/15/2021 1:23:27 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/11/2021 3:29:13 PM	60556
Surr: BFB	114	70-130		%Rec	1	6/11/2021 3:29:13 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/11/2021 3:29:13 PM	60556
Toluene	ND	0.048		mg/Kg	1	6/11/2021 3:29:13 PM	60556
Ethylbenzene	ND	0.048		mg/Kg	1	6/11/2021 3:29:13 PM	60556
Xylenes, Total	ND	0.097		mg/Kg	1	6/11/2021 3:29:13 PM	60556
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	6/11/2021 3:29:13 PM	60556

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		

Page 19 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-5 4'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 10:13:00 AM

Lab ID: 2106552-020

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1900	60		mg/Kg	20	6/13/2021 10:51:02 PM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/15/2021 2:35:18 PM	60562
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/15/2021 2:35:18 PM	60562
Surr: DNOP	116	70-130		%Rec	1	6/15/2021 2:35:18 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/11/2021 3:52:55 PM	60556
Surr: BFB	116	70-130		%Rec	1	6/11/2021 3:52:55 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/11/2021 3:52:55 PM	60556
Toluene	ND	0.048		mg/Kg	1	6/11/2021 3:52:55 PM	60556
Ethylbenzene	ND	0.048		mg/Kg	1	6/11/2021 3:52:55 PM	60556
Xylenes, Total	ND	0.097		mg/Kg	1	6/11/2021 3:52:55 PM	60556
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	6/11/2021 3:52:55 PM	60556

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		

Page 20 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-6 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 10:40:00 AM

Lab ID: 2106552-021

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	6900	300		mg/Kg	100	6/16/2021 1:38:43 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	55	9.0		mg/Kg	1	6/15/2021 2:59:22 PM	60562
Motor Oil Range Organics (MRO)	160	45		mg/Kg	1	6/15/2021 2:59:22 PM	60562
Surr: DNOP	124	70-130		%Rec	1	6/15/2021 2:59:22 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/11/2021 4:16:34 PM	60556
Surr: BFB	115	70-130		%Rec	1	6/11/2021 4:16:34 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/11/2021 4:16:34 PM	60556
Toluene	ND	0.049		mg/Kg	1	6/11/2021 4:16:34 PM	60556
Ethylbenzene	ND	0.049		mg/Kg	1	6/11/2021 4:16:34 PM	60556
Xylenes, Total	ND	0.098		mg/Kg	1	6/11/2021 4:16:34 PM	60556
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	6/11/2021 4:16:34 PM	60556

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		

Page 21 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-6 2'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 10:43:00 AM

Lab ID: 2106552-022

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	5500	300		mg/Kg	100	6/16/2021 2:15:56 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	69	9.6		mg/Kg	1	6/15/2021 3:23:27 PM	60562
Motor Oil Range Organics (MRO)	180	48		mg/Kg	1	6/15/2021 3:23:27 PM	60562
Surr: DNOP	125	70-130		%Rec	1	6/15/2021 3:23:27 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/11/2021 4:40:10 PM	60556
Surr: BFB	116	70-130		%Rec	1	6/11/2021 4:40:10 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/11/2021 4:40:10 PM	60556
Toluene	ND	0.049		mg/Kg	1	6/11/2021 4:40:10 PM	60556
Ethylbenzene	ND	0.049		mg/Kg	1	6/11/2021 4:40:10 PM	60556
Xylenes, Total	ND	0.099		mg/Kg	1	6/11/2021 4:40:10 PM	60556
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	6/11/2021 4:40:10 PM	60556

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 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-6 3'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 10:46:00 AM

Lab ID: 2106552-023

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	4900	150		mg/Kg	50	6/16/2021 2:28:20 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	18	9.6		mg/Kg	1	6/15/2021 3:47:28 PM	60562
Motor Oil Range Organics (MRO)	61	48		mg/Kg	1	6/15/2021 3:47:28 PM	60562
Surr: DNOP	122	70-130		%Rec	1	6/15/2021 3:47:28 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/11/2021 5:03:48 PM	60556
Surr: BFB	114	70-130		%Rec	1	6/11/2021 5:03:48 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/11/2021 5:03:48 PM	60556
Toluene	ND	0.049		mg/Kg	1	6/11/2021 5:03:48 PM	60556
Ethylbenzene	ND	0.049		mg/Kg	1	6/11/2021 5:03:48 PM	60556
Xylenes, Total	ND	0.098		mg/Kg	1	6/11/2021 5:03:48 PM	60556
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	6/11/2021 5:03:48 PM	60556

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		

Page 23 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-6 4'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 10:49:00 AM

Lab ID: 2106552-024

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3900	150		mg/Kg	50	6/16/2021 2:40:45 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/15/2021 4:11:22 PM	60562
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/15/2021 4:11:22 PM	60562
Surr: DNOP	113	70-130		%Rec	1	6/15/2021 4:11:22 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/11/2021 5:27:27 PM	60556
Surr: BFB	115	70-130		%Rec	1	6/11/2021 5:27:27 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/11/2021 5:27:27 PM	60556
Toluene	ND	0.049		mg/Kg	1	6/11/2021 5:27:27 PM	60556
Ethylbenzene	ND	0.049		mg/Kg	1	6/11/2021 5:27:27 PM	60556
Xylenes, Total	ND	0.099		mg/Kg	1	6/11/2021 5:27:27 PM	60556
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	6/11/2021 5:27:27 PM	60556

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		

Page 24 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-7 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:00:00 AM

Lab ID: 2106552-025

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3600	150		mg/Kg	50	6/16/2021 2:53:09 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	9.8	8.9		mg/Kg	1	6/15/2021 4:35:16 PM	60562
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/15/2021 4:35:16 PM	60562
Surr: DNOP	113	70-130		%Rec	1	6/15/2021 4:35:16 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/11/2021 10:10:00 PM	60556
Surr: BFB	111	70-130		%Rec	1	6/11/2021 10:10:00 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/11/2021 10:10:00 PM	60556
Toluene	ND	0.049		mg/Kg	1	6/11/2021 10:10:00 PM	60556
Ethylbenzene	ND	0.049		mg/Kg	1	6/11/2021 10:10:00 PM	60556
Xylenes, Total	ND	0.097		mg/Kg	1	6/11/2021 10:10:00 PM	60556
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/11/2021 10:10:00 PM	60556

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 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-7 2'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:03:00 AM

Lab ID: 2106552-026

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3200	150		mg/Kg	50	6/16/2021 3:05:34 AM	60596
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	41	8.5		mg/Kg	1	6/15/2021 4:59:08 PM	60562
Motor Oil Range Organics (MRO)	93	43		mg/Kg	1	6/15/2021 4:59:08 PM	60562
Surr: DNOP	103	70-130		%Rec	1	6/15/2021 4:59:08 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/11/2021 10:33:47 PM	60556
Surr: BFB	109	70-130		%Rec	1	6/11/2021 10:33:47 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/11/2021 10:33:47 PM	60556
Toluene	ND	0.049		mg/Kg	1	6/11/2021 10:33:47 PM	60556
Ethylbenzene	ND	0.049		mg/Kg	1	6/11/2021 10:33:47 PM	60556
Xylenes, Total	ND	0.098		mg/Kg	1	6/11/2021 10:33:47 PM	60556
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/11/2021 10:33:47 PM	60556

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		

Page 26 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-7 3'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:06:00 AM

Lab ID: 2106552-027

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3000	150		mg/Kg	50	6/16/2021 3:17:58 AM	60597
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/15/2021 5:46:58 PM	60562
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/15/2021 5:46:58 PM	60562
Surr: DNOP	116	70-130		%Rec	1	6/15/2021 5:46:58 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/11/2021 10:57:10 PM	60556
Surr: BFB	114	70-130		%Rec	1	6/11/2021 10:57:10 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/11/2021 10:57:10 PM	60556
Toluene	ND	0.048		mg/Kg	1	6/11/2021 10:57:10 PM	60556
Ethylbenzene	ND	0.048		mg/Kg	1	6/11/2021 10:57:10 PM	60556
Xylenes, Total	ND	0.097		mg/Kg	1	6/11/2021 10:57:10 PM	60556
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	1	6/11/2021 10:57:10 PM	60556

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 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-7 4'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 11:09:00 AM

Lab ID: 2106552-028

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2200	150		mg/Kg	50	6/16/2021 3:30:22 AM	60597
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/15/2021 6:11:00 PM	60562
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/15/2021 6:11:00 PM	60562
Surr: DNOP	110	70-130		%Rec	1	6/15/2021 6:11:00 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/11/2021 11:20:37 PM	60556
Surr: BFB	115	70-130		%Rec	1	6/11/2021 11:20:37 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/11/2021 11:20:37 PM	60556
Toluene	ND	0.048		mg/Kg	1	6/11/2021 11:20:37 PM	60556
Ethylbenzene	ND	0.048		mg/Kg	1	6/11/2021 11:20:37 PM	60556
Xylenes, Total	ND	0.097		mg/Kg	1	6/11/2021 11:20:37 PM	60556
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	6/11/2021 11:20:37 PM	60556

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 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-8 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 12:00:00 PM

Lab ID: 2106552-029

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3000	150		mg/Kg	50	6/16/2021 3:42:46 AM	60597
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	14	9.0		mg/Kg	1	6/15/2021 6:34:58 PM	60562
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/15/2021 6:34:58 PM	60562
Surr: DNOP	101	70-130		%Rec	1	6/15/2021 6:34:58 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/11/2021 11:43:58 PM	60556
Surr: BFB	110	70-130		%Rec	1	6/11/2021 11:43:58 PM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/11/2021 11:43:58 PM	60556
Toluene	ND	0.050		mg/Kg	1	6/11/2021 11:43:58 PM	60556
Ethylbenzene	ND	0.050		mg/Kg	1	6/11/2021 11:43:58 PM	60556
Xylenes, Total	ND	0.10		mg/Kg	1	6/11/2021 11:43:58 PM	60556
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/11/2021 11:43:58 PM	60556

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 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-8 2'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 12:03:00 PM

Lab ID: 2106552-030

Matrix: SOIL

Received Date: 6/10/2021 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	6/16/2021 3:55:10 AM	60597
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	6/15/2021 6:58:55 PM	60562
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/15/2021 6:58:55 PM	60562
Surr: DNOP	116	70-130		%Rec	1	6/15/2021 6:58:55 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/12/2021 12:07:28 AM	60556
Surr: BFB	112	70-130		%Rec	1	6/12/2021 12:07:28 AM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/12/2021 12:07:28 AM	60556
Toluene	ND	0.050		mg/Kg	1	6/12/2021 12:07:28 AM	60556
Ethylbenzene	ND	0.050		mg/Kg	1	6/12/2021 12:07:28 AM	60556
Xylenes, Total	ND	0.10		mg/Kg	1	6/12/2021 12:07:28 AM	60556
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/12/2021 12:07:28 AM	60556

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		

Page 30 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-8 3'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 12:06:00 PM

Lab ID: 2106552-031

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2500	150		mg/Kg	50	6/16/2021 4:07:34 AM	60597
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	6/13/2021 12:00:43 AM	60562
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/13/2021 12:00:43 AM	60562
Surr: DNOP	75.6	70-130		%Rec	1	6/13/2021 12:00:43 AM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 12:31:02 AM	60556
Surr: BFB	112	70-130		%Rec	1	6/12/2021 12:31:02 AM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/12/2021 12:31:02 AM	60556
Toluene	ND	0.049		mg/Kg	1	6/12/2021 12:31:02 AM	60556
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 12:31:02 AM	60556
Xylenes, Total	ND	0.098		mg/Kg	1	6/12/2021 12:31:02 AM	60556
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/12/2021 12:31:02 AM	60556

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		

Page 31 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: TT-8 4'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 12:09:00 PM

Lab ID: 2106552-032

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2100	59		mg/Kg	20	6/14/2021 9:17:19 AM	60597
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/15/2021 7:46:40 PM	60562
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/15/2021 7:46:40 PM	60562
Surr: DNOP	116	70-130		%Rec	1	6/15/2021 7:46:40 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 12:54:23 AM	60556
Surr: BFB	112	70-130		%Rec	1	6/12/2021 12:54:23 AM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/12/2021 12:54:23 AM	60556
Toluene	ND	0.049		mg/Kg	1	6/12/2021 12:54:23 AM	60556
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 12:54:23 AM	60556
Xylenes, Total	ND	0.098		mg/Kg	1	6/12/2021 12:54:23 AM	60556
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/12/2021 12:54:23 AM	60556

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		

Page 32 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BG-1 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 8:10:00 AM

Lab ID: 2106552-033

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	9700	300		mg/Kg	100	6/16/2021 4:44:47 AM	60597
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/15/2021 8:10:46 PM	60562
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/15/2021 8:10:46 PM	60562
Surr: DNOP	119	70-130		%Rec	1	6/15/2021 8:10:46 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 1:17:56 AM	60556
Surr: BFB	110	70-130		%Rec	1	6/12/2021 1:17:56 AM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/12/2021 1:17:56 AM	60556
Toluene	ND	0.049		mg/Kg	1	6/12/2021 1:17:56 AM	60556
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 1:17:56 AM	60556
Xylenes, Total	ND	0.099		mg/Kg	1	6/12/2021 1:17:56 AM	60556
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/12/2021 1:17:56 AM	60556

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		

Page 33 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BG-2 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 8:20:00 AM

Lab ID: 2106552-034

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	60		mg/Kg	20	6/14/2021 10:00:33 AM	60597
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	6/15/2021 8:35:01 PM	60562
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/15/2021 8:35:01 PM	60562
Surr: DNOP	120	70-130		%Rec	1	6/15/2021 8:35:01 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/12/2021 1:41:29 AM	60556
Surr: BFB	109	70-130		%Rec	1	6/12/2021 1:41:29 AM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/12/2021 1:41:29 AM	60556
Toluene	ND	0.048		mg/Kg	1	6/12/2021 1:41:29 AM	60556
Ethylbenzene	ND	0.048		mg/Kg	1	6/12/2021 1:41:29 AM	60556
Xylenes, Total	ND	0.097		mg/Kg	1	6/12/2021 1:41:29 AM	60556
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/12/2021 1:41:29 AM	60556

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		

Page 34 of 42

Analytical Report

Lab Order 2106552

Date Reported: 6/22/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BG-3 0-1'

Project: Amtrack State Com 1 AmPa

Collection Date: 6/9/2021 8:30:00 AM

Lab ID: 2106552-035

Matrix: SOIL

Received Date: 6/10/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	970	60		mg/Kg	20	6/14/2021 10:38:01 AM	60597
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	12	9.0		mg/Kg	1	6/15/2021 8:59:21 PM	60562
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/15/2021 8:59:21 PM	60562
Surr: DNOP	99.3	70-130		%Rec	1	6/15/2021 8:59:21 PM	60562
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/12/2021 2:51:56 AM	60556
Surr: BFB	112	70-130		%Rec	1	6/12/2021 2:51:56 AM	60556
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/12/2021 2:51:56 AM	60556
Toluene	ND	0.049		mg/Kg	1	6/12/2021 2:51:56 AM	60556
Ethylbenzene	ND	0.049		mg/Kg	1	6/12/2021 2:51:56 AM	60556
Xylenes, Total	ND	0.098		mg/Kg	1	6/12/2021 2:51:56 AM	60556
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/12/2021 2:51:56 AM	60556

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		

Page 35 of 42

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2106552

22-Jun-21

Client: Talon Artesia
Project: Amtrack State Com 1 AmPa

Sample ID: MB-60595	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 60595	RunNo: 79041								
Prep Date: 6/13/2021	Analysis Date: 6/13/2021	SeqNo: 2773120 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-60595	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 60595	RunNo: 79041								
Prep Date: 6/13/2021	Analysis Date: 6/13/2021	SeqNo: 2773121 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.3	90	110			

Sample ID: MB-60596	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 60596	RunNo: 79041								
Prep Date: 6/13/2021	Analysis Date: 6/13/2021	SeqNo: 2773152 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-60596	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 60596	RunNo: 79041								
Prep Date: 6/13/2021	Analysis Date: 6/13/2021	SeqNo: 2773153 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.9	90	110			

Sample ID: MB-60597	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 60597	RunNo: 79065								
Prep Date: 6/14/2021	Analysis Date: 6/14/2021	SeqNo: 2774496 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-60597	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 60597	RunNo: 79065								
Prep Date: 6/14/2021	Analysis Date: 6/14/2021	SeqNo: 2774497 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.2	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#: 2106552

22-Jun-21

Client: Talon Artesia
Project: Amtrack State Com 1 AmPa

Sample ID: MB-60552	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60552	RunNo: 79023								
Prep Date: 6/10/2021	Analysis Date: 6/12/2021	SeqNo: 2772847 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		102	70	130			

Sample ID: LCS-60552	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60552	RunNo: 79023								
Prep Date: 6/10/2021	Analysis Date: 6/12/2021	SeqNo: 2772848 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.6	68.9	141			
Surr: DNOP	5.1		5.000		102	70	130			

Sample ID: 2106552-019AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: TT-5 3'	Batch ID: 60562	RunNo: 79088								
Prep Date: 6/10/2021	Analysis Date: 6/15/2021	SeqNo: 2777189 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	9.3	46.43	0	108	15	184			
Surr: DNOP	5.9		4.643		127	70	130			

Sample ID: 2106552-019AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: TT-5 3'	Batch ID: 60562	RunNo: 79088								
Prep Date: 6/10/2021	Analysis Date: 6/15/2021	SeqNo: 2777211 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.4	46.99	0	101	15	184	6.30	23.9	
Surr: DNOP	5.6		4.699		120	70	130	0	0	

Sample ID: MB-60562	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60562	RunNo: 79088								
Prep Date: 6/10/2021	Analysis Date: 6/15/2021	SeqNo: 2777222 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	11		10.00		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

Page 37 of 42

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106552

22-Jun-21

Client: Talon Artesia

Project: Amtrack State Com 1 AmPa

Sample ID: LCS-60562	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60562	RunNo: 79088								
Prep Date: 6/10/2021	Analysis Date: 6/15/2021	SeqNo: 2777223		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	100	68.9	141			
Surr: DNOP	5.5		5.000		111	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#: 2106552

22-Jun-21

Client: Talon Artesia
Project: Amtrack State Com 1 AmPa

Sample ID: LCS-60554	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 60554			RunNo: 79039						
Prep Date: 6/10/2021	Analysis Date: 6/12/2021			SeqNo: 2772871		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	109	78.6	131			
Surr: BFB	1100		1000		115	70	130			

Sample ID: MB-60554	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 60554			RunNo: 79039						
Prep Date: 6/10/2021	Analysis Date: 6/12/2021			SeqNo: 2772872		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	990		1000		98.8	70	130			

Sample ID: mb-60556	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 60556			RunNo: 79040						
Prep Date: 6/10/2021	Analysis Date: 6/11/2021			SeqNo: 2773022		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	1200		1000		115	70	130			

Sample ID: lcs-60556	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 60556			RunNo: 79040						
Prep Date: 6/10/2021	Analysis Date: 6/11/2021			SeqNo: 2773023		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	1300		1000		127	70	130			

Sample ID: 2106552-019ams	SampType: MS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: TT-5 3'	Batch ID: 60556			RunNo: 79040						
Prep Date: 6/10/2021	Analysis Date: 6/11/2021			SeqNo: 2773025		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.9	24.39	0	121	61.3	114			S
Surr: BFB	1200		975.6		127	70	130			

Sample ID: 2106552-019amsd	SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: TT-5 3'	Batch ID: 60556			RunNo: 79040						
Prep Date: 6/10/2021	Analysis Date: 6/11/2021			SeqNo: 2773026		Units: mg/Kg				
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#: 2106552

22-Jun-21

Client: Talon Artesia

Project: Amtrack State Com 1 AmPa

Sample ID: 2106552-019amsd		SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range						
Client ID: TT-5 3'		Batch ID: 60556		RunNo: 79040						
Prep Date: 6/10/2021		Analysis Date: 6/11/2021		SeqNo: 2773026		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	4.8	24.13	0	124	61.3	114	1.64	20	S
Surr: BFB	1200		965.3		127	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#: 2106552

22-Jun-21

Client: Talon Artesia
Project: Amtrack State Com 1 AmPa

Sample ID: LCS-60554	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 60554			RunNo: 79039						
Prep Date: 6/10/2021	Analysis Date: 6/12/2021			SeqNo: 2772956			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	86.6	80	120			
Toluene	0.86	0.050	1.000	0	85.9	80	120			
Ethylbenzene	0.88	0.050	1.000	0	87.7	80	120			
Xylenes, Total	2.6	0.10	3.000	0	86.4	80	120			
Surr: 4-Bromofluorobenzene	0.84		1.000		83.9	70	130			

Sample ID: MB-60554	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 60554			RunNo: 79039						
Prep Date: 6/10/2021	Analysis Date: 6/12/2021			SeqNo: 2772957			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		85.1	70	130			

Sample ID: mb-60556	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 60556			RunNo: 79040						
Prep Date: 6/10/2021	Analysis Date: 6/11/2021			SeqNo: 2773091			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		108	70	130			

Sample ID: LCS-60556	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 60556			RunNo: 79040						
Prep Date: 6/10/2021	Analysis Date: 6/11/2021			SeqNo: 2773092			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	99.4	80	120			
Toluene	1.0	0.050	1.000	0	99.5	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.7	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.6	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	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#: 2106552

22-Jun-21

Client: Talon Artesia
Project: Amtrack State Com 1 AmPa

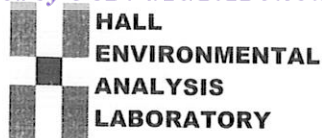
Sample ID: 2106552-020ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: TT-5 4'	Batch ID: 60556	RunNo: 79040								
Prep Date: 6/10/2021	Analysis Date: 6/11/2021	SeqNo: 2773095	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9804	0	116	80	120			
Toluene	1.2	0.049	0.9804	0	119	80	120			
Ethylbenzene	1.2	0.049	0.9804	0	121	80	120			S
Xylenes, Total	3.5	0.098	2.941	0	119	80	120			
Surr: 4-Bromofluorobenzene	1.1		0.9804		109	70	130			

Sample ID: 2106552-020amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: TT-5 4'	Batch ID: 60556	RunNo: 79040								
Prep Date: 6/10/2021	Analysis Date: 6/11/2021	SeqNo: 2773096	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9891	0	114	80	120	0.526	20	
Toluene	1.2	0.049	0.9891	0	117	80	120	1.09	20	
Ethylbenzene	1.2	0.049	0.9891	0	117	80	120	1.73	20	
Xylenes, Total	3.5	0.099	2.967	0	117	80	120	0.733	20	
Surr: 4-Bromofluorobenzene	1.1		0.9891		108	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



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: 2106552

RcptNo: 1

Received By: Juan Rojas

6/10/2021 7:30:00 AM

Juan Rojas

Completed By: Sean Livingston

6/10/2021 8:02:28 AM

Sean Livingston

Reviewed By:

JR 6/10/21

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: *SPA 6.10.21*

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:

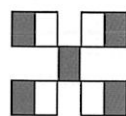
16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.8	Good				

Chain-of-Custody Record			
Client: Talon LPE			
Mailing Address: 408 W. Texas Ave			
Artesia, NM 88210			
Phone #: 575.746.8768			
email or Fax#:			
QA/QC Package:			
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)			
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other			
<input type="checkbox"/> EDD (Type)			
Date	Time	Matrix	Sample Name
6/9/2021	7:40	Soil	TT-1 0-1'
	9:54		TT-1 2'
	9:57		TT-1 3'
	10:00		TT-1 4'
	10:24		TT-2 0-1'
	10:27		TT-2 2'
	10:30		TT-2 3'
	10:33		TT-2 4'
	11:15		TT-3 0-1'
	11:18		TT-3 2'
	11:21		TT-3 3'
	11:24		TT-3 4'
Date:	Time:	Relinquished by:	
6/9/21	1320	[Signature]	
Date:	Time:	Relinquished by:	
6/9/21	1900	[Signature]	
Turn-Around Time: <input type="checkbox"/> Standard <input type="checkbox"/> Rush			
Project Name: Amtrack State Com 1 (AmPa)			
Project #: 700438.251.01			
Project Manager: R. Pons			
Sampler: J. Carnes			
On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
# of Coolers: 1			
Cooler Temp (including CF): 2.9 - 0.1 = 7.8			
Container Type and #	Preservative Type	HEAL No.	
Glass Jar	Ice/Cool	2100552	
		001	
		002	
		003	
		004	
		005	
		006	
		007	
		008	
		009	
		010	
		011	
		012	
Received by:	Via:	Date:	Time
[Signature]		6/9/21	1320
Received by:	Via:	Date:	Time
[Signature]		6/10/21	7130

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

email or Fax#:		QA/QC Package: <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		Project Manager: R. Pons	
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other _____		Sampler: J. Carnes			
<input type="checkbox"/> EDD (Type) _____		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
		# of Coolers: 1			
Cooler Temp (including CF): 2.9-0.1 = 7.8					
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type
6/9/2021	7:40	Soil	TT-1 0-1'	Glass Jar	Ice/Cool
	9:54		TT-1 2'		
	9:57		TT-1 3'		
	10:00		TT-1 4'		
	10:24		TT-2 0-1'		
	10:27		TT-2 2'		
	10:30		TT-2 3'		
	10:33		TT-2 4'		
	11:15		TT-3 0-1'		
	11:18		TT-3 2'		
	11:21		TT-3 3'		
	11:24		TT-3 4'		
Date	Time	Relinquished by:		Received by:	Date
6/9/21	1300	James		James	6/9/21 1300
Date	Time	Relinquished by:		Received by:	Date
6/9/21	1900	James		James	6/10/21 7:30

**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Chain-of-Custody Record			
Client: Talon LPE			
Mailing Address: 408 W. Texas Ave			
Artesia, NM 88210			
Phone #: 575.746.8768			
email or Fax#:			
QA/QC Package:			
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)			
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other			
<input type="checkbox"/> EDD (Type)			
Date	Time	Matrix	Sample Name
6/9/2021	11:35	Soil	TT-4 0-1'
	11:38		TT-4 2'
	11:41		TT-4 3'
	11:44		TT-4 4'
	7:55		TT-5 0-1'
	10:07		TT-5 2'
	10:10		TT-5 3'
	10:13		TT-5 4'
	10:40		TT-6 0-1'
	10:43		TT-6 2'
	10:46		TT-6 3'
	10:49		TT-6 4'
Date	Time	Relinquished by:	
6/9/21	1320	James	
Date	Time	Relinquished by:	
6/9/21	1900	James	
Turn-Around Time:			
<input type="checkbox"/> Standard <input type="checkbox"/> Rush			
Project Name:			
Amtrack State Com 1 (AmPa)			
Project #:			
700438.251.01			
Project Manager:			
R. Pons			
Sampler: J. Carnes			
On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
# of Coolers: 1			
Cooler Temp (including CF): 2.9-0.1 = 2.8			
Container Type and #		Preservative Type	HEAL No.
Glass Jar		Ice/Cool	013
			014
			015
			016
			017
			018
			019
			020
			021
			022
			023
			024
Received by:		Via:	Date
James			6/9/21 1320
Received by:		Via:	Date
James			6/9/21 1900

Remarks:	Bill Direct to EOG, Bob Asher
----------	-------------------------------

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.

Chain-of-Custody Record

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:

☐ Standard ☐ Rush

Project Name:

Amtrack State Com 1 (AmPa)

Project #:

700438.251.01

Project Manager: R. Pons

Sampler: J. Carnes

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CP): 29-0.1-22.8

Date Time Matrix Sample Name

6/9/2021 11:00 Soil TT-7 0-1'

11:03 TT-7 2'

11:06 TT-7 3'

11:09 TT-7 4'

12:00 TT-8 0-1'

12:03 TT-8 2'

12:06 TT-8 3'

12:09 TT-8 4'

8:10 BG-1 0-1'

8:20 BG-2 0-1'

8:30 BG-3 0-1'

Date: 6/9/21

Time: 1940

Relinquished by: [Signature]

Date: 6/9/21

Time: 1940

Relinquished by: [Signature]

Received by: [Signature]

Via:

Date: 6/9/21

Time: 1330

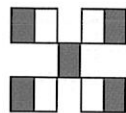
Received by: [Signature]

Via:

Date: 6/9/21

Time: 7:30

Remarks: Bill Direct to EOG, Bob Asher

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

C H L O R I
D E SB T E X
T P H X

X X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X



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

August 25, 2021

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

RE: Amtrack State Com 1 Amtrack P

OrderNo.: 2108B13

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 23 sample(s) on 8/20/2021 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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-3 6'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/12/2021 10:10:00 AM

Lab ID: 2108B13-001

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3200	150		mg/Kg	50	8/24/2021 3:43:11 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/21/2021 11:00:54 AM	62101
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/21/2021 11:00:54 AM	62101
Surr: DNOP	114	70-130		%Rec	1	8/21/2021 11:00:54 AM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/23/2021 11:51:58 AM	62097
Surr: BFB	106	70-130		%Rec	1	8/23/2021 11:51:58 AM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 11:51:58 AM	62097
Toluene	ND	0.049		mg/Kg	1	8/23/2021 11:51:58 AM	62097
Ethylbenzene	ND	0.049		mg/Kg	1	8/23/2021 11:51:58 AM	62097
Xylenes, Total	ND	0.097		mg/Kg	1	8/23/2021 11:51:58 AM	62097
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	8/23/2021 11:51:58 AM	62097

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		

Page 1 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-3 8'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/12/2021 2:15:00 PM

Lab ID: 2108B13-002

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2400	150		mg/Kg	50	8/24/2021 3:55:32 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/21/2021 11:37:34 AM	62101
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/21/2021 11:37:34 AM	62101
Surr: DNOP	114	70-130		%Rec	1	8/21/2021 11:37:34 AM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/23/2021 1:02:58 PM	62097
Surr: BFB	107	70-130		%Rec	1	8/23/2021 1:02:58 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 1:02:58 PM	62097
Toluene	ND	0.047		mg/Kg	1	8/23/2021 1:02:58 PM	62097
Ethylbenzene	ND	0.047		mg/Kg	1	8/23/2021 1:02:58 PM	62097
Xylenes, Total	ND	0.094		mg/Kg	1	8/23/2021 1:02:58 PM	62097
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	8/23/2021 1:02:58 PM	62097

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		

Page 2 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-3 10'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/12/2021 2:25:00 PM

Lab ID: 2108B13-003

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2200	60		mg/Kg	20	8/23/2021 6:59:33 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/21/2021 11:49:47 AM	62101
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/21/2021 11:49:47 AM	62101
Surr: DNOP	117	70-130		%Rec	1	8/21/2021 11:49:47 AM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/23/2021 2:13:58 PM	62097
Surr: BFB	107	70-130		%Rec	1	8/23/2021 2:13:58 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/23/2021 2:13:58 PM	62097
Toluene	ND	0.049		mg/Kg	1	8/23/2021 2:13:58 PM	62097
Ethylbenzene	ND	0.049		mg/Kg	1	8/23/2021 2:13:58 PM	62097
Xylenes, Total	ND	0.099		mg/Kg	1	8/23/2021 2:13:58 PM	62097
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	8/23/2021 2:13:58 PM	62097

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		

Page 3 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-3 12'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/12/2021 2:35:00 PM

Lab ID: 2108B13-004

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	660	59		mg/Kg	20	8/23/2021 7:11:57 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/21/2021 12:02:00 PM	62101
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/21/2021 12:02:00 PM	62101
Surr: DNOP	115	70-130		%Rec	1	8/21/2021 12:02:00 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/23/2021 2:37:42 PM	62097
Surr: BFB	106	70-130		%Rec	1	8/23/2021 2:37:42 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 2:37:42 PM	62097
Toluene	ND	0.049		mg/Kg	1	8/23/2021 2:37:42 PM	62097
Ethylbenzene	ND	0.049		mg/Kg	1	8/23/2021 2:37:42 PM	62097
Xylenes, Total	ND	0.097		mg/Kg	1	8/23/2021 2:37:42 PM	62097
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	8/23/2021 2:37:42 PM	62097

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 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 6'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 8:28:00 AM

Lab ID: 2108B13-005

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2500	150		mg/Kg	50	8/24/2021 4:07:53 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/21/2021 12:14:18 PM	62101
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/21/2021 12:14:18 PM	62101
Surr: DNOP	118	70-130		%Rec	1	8/21/2021 12:14:18 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/23/2021 3:01:28 PM	62097
Surr: BFB	106	70-130		%Rec	1	8/23/2021 3:01:28 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 3:01:28 PM	62097
Toluene	ND	0.048		mg/Kg	1	8/23/2021 3:01:28 PM	62097
Ethylbenzene	ND	0.048		mg/Kg	1	8/23/2021 3:01:28 PM	62097
Xylenes, Total	ND	0.097		mg/Kg	1	8/23/2021 3:01:28 PM	62097
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	8/23/2021 3:01:28 PM	62097

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 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 8'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 8:30:00 AM

Lab ID: 2108B13-006

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1500	60		mg/Kg	20	8/23/2021 8:01:34 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/21/2021 12:26:37 PM	62101
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/21/2021 12:26:37 PM	62101
Surr: DNOP	116	70-130		%Rec	1	8/21/2021 12:26:37 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/23/2021 3:25:12 PM	62097
Surr: BFB	108	70-130		%Rec	1	8/23/2021 3:25:12 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 3:25:12 PM	62097
Toluene	ND	0.048		mg/Kg	1	8/23/2021 3:25:12 PM	62097
Ethylbenzene	ND	0.048		mg/Kg	1	8/23/2021 3:25:12 PM	62097
Xylenes, Total	ND	0.096		mg/Kg	1	8/23/2021 3:25:12 PM	62097
Surr: 4-Bromofluorobenzene	99.6	70-130		%Rec	1	8/23/2021 3:25:12 PM	62097

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		

Page 6 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-1 10' R

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 9:16:00 AM

Lab ID: 2108B13-007

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	290	60		mg/Kg	20	8/23/2021 8:13:58 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/21/2021 12:39:02 PM	62101
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/21/2021 12:39:02 PM	62101
Surr: DNOP	83.9	70-130		%Rec	1	8/21/2021 12:39:02 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/23/2021 5:00:18 PM	62097
Surr: BFB	109	70-130		%Rec	1	8/23/2021 5:00:18 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 5:00:18 PM	62097
Toluene	ND	0.048		mg/Kg	1	8/23/2021 5:00:18 PM	62097
Ethylbenzene	ND	0.048		mg/Kg	1	8/23/2021 5:00:18 PM	62097
Xylenes, Total	ND	0.096		mg/Kg	1	8/23/2021 5:00:18 PM	62097
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	8/23/2021 5:00:18 PM	62097

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		

Page 7 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-2 6'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 11:00:00 AM

Lab ID: 2108B13-008

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	8300	300		mg/Kg	100	8/24/2021 4:20:14 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/21/2021 12:51:29 PM	62101
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/21/2021 12:51:29 PM	62101
Surr: DNOP	118	70-130		%Rec	1	8/21/2021 12:51:29 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/23/2021 5:24:06 PM	62097
Surr: BFB	109	70-130		%Rec	1	8/23/2021 5:24:06 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/23/2021 5:24:06 PM	62097
Toluene	ND	0.049		mg/Kg	1	8/23/2021 5:24:06 PM	62097
Ethylbenzene	ND	0.049		mg/Kg	1	8/23/2021 5:24:06 PM	62097
Xylenes, Total	ND	0.098		mg/Kg	1	8/23/2021 5:24:06 PM	62097
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	8/23/2021 5:24:06 PM	62097

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		

Page 8 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-2 8'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 11:02:00 AM

Lab ID: 2108B13-009

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	7000	300		mg/Kg	100	8/24/2021 4:57:16 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/21/2021 1:03:56 PM	62101
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/21/2021 1:03:56 PM	62101
Surr: DNOP	117	70-130		%Rec	1	8/21/2021 1:03:56 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/23/2021 5:47:55 PM	62097
Surr: BFB	111	70-130		%Rec	1	8/23/2021 5:47:55 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 5:47:55 PM	62097
Toluene	ND	0.048		mg/Kg	1	8/23/2021 5:47:55 PM	62097
Ethylbenzene	ND	0.048		mg/Kg	1	8/23/2021 5:47:55 PM	62097
Xylenes, Total	ND	0.097		mg/Kg	1	8/23/2021 5:47:55 PM	62097
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	8/23/2021 5:47:55 PM	62097

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		

Page 9 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-2 10'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 11:10:00 AM

Lab ID: 2108B13-010

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	960	59		mg/Kg	20	8/23/2021 8:51:11 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/21/2021 1:16:30 PM	62101
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/21/2021 1:16:30 PM	62101
Surr: DNOP	117	70-130		%Rec	1	8/21/2021 1:16:30 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/23/2021 6:11:40 PM	62097
Surr: BFB	109	70-130		%Rec	1	8/23/2021 6:11:40 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 6:11:40 PM	62097
Toluene	ND	0.049		mg/Kg	1	8/23/2021 6:11:40 PM	62097
Ethylbenzene	ND	0.049		mg/Kg	1	8/23/2021 6:11:40 PM	62097
Xylenes, Total	ND	0.097		mg/Kg	1	8/23/2021 6:11:40 PM	62097
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	8/23/2021 6:11:40 PM	62097

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		

Page 10 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-2 12'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 11:12:00 PM

Lab ID: 2108B13-011

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	140	60		mg/Kg	20	8/23/2021 9:03:35 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/21/2021 1:29:01 PM	62101
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/21/2021 1:29:01 PM	62101
Surr: DNOP	99.8	70-130		%Rec	1	8/21/2021 1:29:01 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/23/2021 6:35:22 PM	62097
Surr: BFB	108	70-130		%Rec	1	8/23/2021 6:35:22 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 6:35:22 PM	62097
Toluene	ND	0.048		mg/Kg	1	8/23/2021 6:35:22 PM	62097
Ethylbenzene	ND	0.048		mg/Kg	1	8/23/2021 6:35:22 PM	62097
Xylenes, Total	ND	0.097		mg/Kg	1	8/23/2021 6:35:22 PM	62097
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	8/23/2021 6:35:22 PM	62097

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 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-4 6'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 2:45:00 PM

Lab ID: 2108B13-012

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	990	60		mg/Kg	20	8/23/2021 9:15:59 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/21/2021 1:41:34 PM	62101
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/21/2021 1:41:34 PM	62101
Surr: DNOP	118	70-130		%Rec	1	8/21/2021 1:41:34 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/23/2021 6:59:11 PM	62097
Surr: BFB	109	70-130		%Rec	1	8/23/2021 6:59:11 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 6:59:11 PM	62097
Toluene	ND	0.047		mg/Kg	1	8/23/2021 6:59:11 PM	62097
Ethylbenzene	ND	0.047		mg/Kg	1	8/23/2021 6:59:11 PM	62097
Xylenes, Total	ND	0.094		mg/Kg	1	8/23/2021 6:59:11 PM	62097
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	8/23/2021 6:59:11 PM	62097

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		

Page 12 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-4 8'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 2:47:00 PM

Lab ID: 2108B13-013

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	510	60		mg/Kg	20	8/23/2021 9:28:23 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/21/2021 1:54:09 PM	62101
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/21/2021 1:54:09 PM	62101
Surr: DNOP	119	70-130		%Rec	1	8/21/2021 1:54:09 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/23/2021 7:22:57 PM	62097
Surr: BFB	109	70-130		%Rec	1	8/23/2021 7:22:57 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 7:22:57 PM	62097
Toluene	ND	0.048		mg/Kg	1	8/23/2021 7:22:57 PM	62097
Ethylbenzene	ND	0.048		mg/Kg	1	8/23/2021 7:22:57 PM	62097
Xylenes, Total	ND	0.095		mg/Kg	1	8/23/2021 7:22:57 PM	62097
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	8/23/2021 7:22:57 PM	62097

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		

Page 13 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-5 6'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 2:10:00 PM

Lab ID: 2108B13-014

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1300	60		mg/Kg	20	8/23/2021 9:40:48 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/21/2021 2:06:37 PM	62101
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/21/2021 2:06:37 PM	62101
Surr: DNOP	123	70-130		%Rec	1	8/21/2021 2:06:37 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/23/2021 7:46:39 PM	62097
Surr: BFB	108	70-130		%Rec	1	8/23/2021 7:46:39 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 7:46:39 PM	62097
Toluene	ND	0.048		mg/Kg	1	8/23/2021 7:46:39 PM	62097
Ethylbenzene	ND	0.048		mg/Kg	1	8/23/2021 7:46:39 PM	62097
Xylenes, Total	ND	0.096		mg/Kg	1	8/23/2021 7:46:39 PM	62097
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	8/23/2021 7:46:39 PM	62097

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 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-5 8'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 2:12:00 PM

Lab ID: 2108B13-015

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1000	60		mg/Kg	20	8/23/2021 9:53:12 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/21/2021 2:19:13 PM	62101
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/21/2021 2:19:13 PM	62101
Surr: DNOP	121	70-130		%Rec	1	8/21/2021 2:19:13 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/23/2021 8:10:21 PM	62097
Surr: BFB	107	70-130		%Rec	1	8/23/2021 8:10:21 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/23/2021 8:10:21 PM	62097
Toluene	ND	0.050		mg/Kg	1	8/23/2021 8:10:21 PM	62097
Ethylbenzene	ND	0.050		mg/Kg	1	8/23/2021 8:10:21 PM	62097
Xylenes, Total	ND	0.10		mg/Kg	1	8/23/2021 8:10:21 PM	62097
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	8/23/2021 8:10:21 PM	62097

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		

Page 15 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-6 6'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 1:20:00 PM

Lab ID: 2108B13-016

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1800	60		mg/Kg	20	8/23/2021 10:30:25 PM	62123
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/21/2021 2:31:59 PM	62101
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/21/2021 2:31:59 PM	62101
Surr: DNOP	123	70-130		%Rec	1	8/21/2021 2:31:59 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/23/2021 8:33:58 PM	62097
Surr: BFB	104	70-130		%Rec	1	8/23/2021 8:33:58 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/23/2021 8:33:58 PM	62097
Toluene	ND	0.047		mg/Kg	1	8/23/2021 8:33:58 PM	62097
Ethylbenzene	ND	0.047		mg/Kg	1	8/23/2021 8:33:58 PM	62097
Xylenes, Total	ND	0.094		mg/Kg	1	8/23/2021 8:33:58 PM	62097
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	8/23/2021 8:33:58 PM	62097

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		

Page 16 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-6 8'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 1:22:00 PM

Lab ID: 2108B13-017

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1100	60		mg/Kg	20	8/23/2021 11:07:38 PM	62139
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/21/2021 2:44:38 PM	62101
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/21/2021 2:44:38 PM	62101
Surr: DNOP	125	70-130		%Rec	1	8/21/2021 2:44:38 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/23/2021 9:21:09 PM	62097
Surr: BFB	106	70-130		%Rec	1	8/23/2021 9:21:09 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/23/2021 9:21:09 PM	62097
Toluene	ND	0.046		mg/Kg	1	8/23/2021 9:21:09 PM	62097
Ethylbenzene	ND	0.046		mg/Kg	1	8/23/2021 9:21:09 PM	62097
Xylenes, Total	ND	0.093		mg/Kg	1	8/23/2021 9:21:09 PM	62097
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	8/23/2021 9:21:09 PM	62097

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 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-6 10'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 1:40:00 PM

Lab ID: 2108B13-018

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1400	60		mg/Kg	20	8/23/2021 11:20:03 PM	62139
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/21/2021 2:57:28 PM	62101
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/21/2021 2:57:28 PM	62101
Surr: DNOP	117	70-130		%Rec	1	8/21/2021 2:57:28 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/23/2021 9:44:45 PM	62097
Surr: BFB	105	70-130		%Rec	1	8/23/2021 9:44:45 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/23/2021 9:44:45 PM	62097
Toluene	ND	0.050		mg/Kg	1	8/23/2021 9:44:45 PM	62097
Ethylbenzene	ND	0.050		mg/Kg	1	8/23/2021 9:44:45 PM	62097
Xylenes, Total	ND	0.099		mg/Kg	1	8/23/2021 9:44:45 PM	62097
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	8/23/2021 9:44:45 PM	62097

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 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-6 12'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 1:42:00 PM

Lab ID: 2108B13-019

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	460	60		mg/Kg	20	8/23/2021 11:32:27 PM	62139
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/21/2021 3:10:09 PM	62101
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/21/2021 3:10:09 PM	62101
Surr: DNOP	116	70-130		%Rec	1	8/21/2021 3:10:09 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/23/2021 10:08:19 PM	62097
Surr: BFB	105	70-130		%Rec	1	8/23/2021 10:08:19 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/23/2021 10:08:19 PM	62097
Toluene	ND	0.050		mg/Kg	1	8/23/2021 10:08:19 PM	62097
Ethylbenzene	ND	0.050		mg/Kg	1	8/23/2021 10:08:19 PM	62097
Xylenes, Total	ND	0.10		mg/Kg	1	8/23/2021 10:08:19 PM	62097
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	8/23/2021 10:08:19 PM	62097

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 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-7 6'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 12:00:00 PM

Lab ID: 2108B13-020

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1900	60		mg/Kg	20	8/23/2021 11:44:51 PM	62139
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/21/2021 3:22:55 PM	62101
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/21/2021 3:22:55 PM	62101
Surr: DNOP	118	70-130		%Rec	1	8/21/2021 3:22:55 PM	62101
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/23/2021 10:31:49 PM	62097
Surr: BFB	104	70-130		%Rec	1	8/23/2021 10:31:49 PM	62097
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/23/2021 10:31:49 PM	62097
Toluene	ND	0.049		mg/Kg	1	8/23/2021 10:31:49 PM	62097
Ethylbenzene	ND	0.049		mg/Kg	1	8/23/2021 10:31:49 PM	62097
Xylenes, Total	ND	0.097		mg/Kg	1	8/23/2021 10:31:49 PM	62097
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	8/23/2021 10:31:49 PM	62097

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		

Page 20 of 30

Analytical Report

Lab Order 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-7 8'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 12:02:00 PM

Lab ID: 2108B13-021

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1200	60		mg/Kg	20	8/23/2021 11:57:15 PM	62139
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/23/2021 2:03:47 PM	62109
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/23/2021 2:03:47 PM	62109
Surr: DNOP	183	70-130	S	%Rec	1	8/23/2021 2:03:47 PM	62109
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/22/2021 2:48:04 AM	62105
Surr: BFB	105	70-130		%Rec	1	8/22/2021 2:48:04 AM	62105
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/22/2021 2:48:04 AM	62105
Toluene	ND	0.049		mg/Kg	1	8/22/2021 2:48:04 AM	62105
Ethylbenzene	ND	0.049		mg/Kg	1	8/22/2021 2:48:04 AM	62105
Xylenes, Total	ND	0.099		mg/Kg	1	8/22/2021 2:48:04 AM	62105
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	8/22/2021 2:48:04 AM	62105

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 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-8 6'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 11:40:00 AM

Lab ID: 2108B13-022

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1400	60		mg/Kg	20	8/24/2021 12:09:39 AM	62139
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/23/2021 2:13:31 PM	62109
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/23/2021 2:13:31 PM	62109
Surr: DNOP	151	70-130	S	%Rec	1	8/23/2021 2:13:31 PM	62109
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/22/2021 3:58:52 AM	62105
Surr: BFB	104	70-130		%Rec	1	8/22/2021 3:58:52 AM	62105
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/22/2021 3:58:52 AM	62105
Toluene	ND	0.049		mg/Kg	1	8/22/2021 3:58:52 AM	62105
Ethylbenzene	ND	0.049		mg/Kg	1	8/22/2021 3:58:52 AM	62105
Xylenes, Total	ND	0.098		mg/Kg	1	8/22/2021 3:58:52 AM	62105
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	8/22/2021 3:58:52 AM	62105

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 2108B13

Date Reported: 8/25/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: B-8 8'

Project: Amtrack State Com 1 Amtrack P

Collection Date: 8/19/2021 11:42:00 AM

Lab ID: 2108B13-023

Matrix: SOIL

Received Date: 8/20/2021 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	840	60		mg/Kg	20	8/24/2021 12:22:04 AM	62139
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/23/2021 2:23:18 PM	62109
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/23/2021 2:23:18 PM	62109
Surr: DNOP	151	70-130	S	%Rec	1	8/23/2021 2:23:18 PM	62109
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/22/2021 5:09:39 AM	62105
Surr: BFB	103	70-130		%Rec	1	8/22/2021 5:09:39 AM	62105
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/22/2021 5:09:39 AM	62105
Toluene	ND	0.049		mg/Kg	1	8/22/2021 5:09:39 AM	62105
Ethylbenzene	ND	0.049		mg/Kg	1	8/22/2021 5:09:39 AM	62105
Xylenes, Total	ND	0.099		mg/Kg	1	8/22/2021 5:09:39 AM	62105
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	8/22/2021 5:09:39 AM	62105

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#: 2108B13

25-Aug-21

Client: Talon Artesia**Project:** Amtrack State Com 1 Amtrack P

Sample ID: MB-62123	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62123	RunNo: 80719								
Prep Date: 8/23/2021	Analysis Date: 8/23/2021	SeqNo: 2848122	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62123	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62123	RunNo: 80719								
Prep Date: 8/23/2021	Analysis Date: 8/23/2021	SeqNo: 2848123	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	98.9	90	110			

Sample ID: MB-62139	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62139	RunNo: 80719								
Prep Date: 8/23/2021	Analysis Date: 8/23/2021	SeqNo: 2848155	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62139	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62139	RunNo: 80719								
Prep Date: 8/23/2021	Analysis Date: 8/23/2021	SeqNo: 2848156	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	98.2	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

Page 24 of 30

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108B13

25-Aug-21

Client: Talon Artesia**Project:** Amtrack State Com 1 Amtrack P

Sample ID: MB-62101	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62101	RunNo: 80715								
Prep Date: 8/20/2021	Analysis Date: 8/21/2021	SeqNo: 2847436 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		121	70	130			

Sample ID: LCS-62101	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62101	RunNo: 80715								
Prep Date: 8/20/2021	Analysis Date: 8/21/2021	SeqNo: 2847437 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	113	68.9	141			
Surr: DNOP	5.9		5.000		118	70	130			

Sample ID: 2108B13-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: B-3 6'	Batch ID: 62101	RunNo: 80715								
Prep Date: 8/20/2021	Analysis Date: 8/21/2021	SeqNo: 2847459 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.9	49.46	0	92.2	15	184			
Surr: DNOP	4.9		4.946		98.9	70	130			

Sample ID: 2108B13-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: B-3 6'	Batch ID: 62101	RunNo: 80715								
Prep Date: 8/20/2021	Analysis Date: 8/21/2021	SeqNo: 2847460 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	94.2	15	184	1.30	23.9	
Surr: DNOP	4.8		4.902		98.0	70	130	0	0	

Sample ID: LCS-62109	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62109	RunNo: 80736								
Prep Date: 8/21/2021	Analysis Date: 8/23/2021	SeqNo: 2848315 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	112	68.9	141			
Surr: DNOP	5.9		5.000		118	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 25 of 30

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108B13

25-Aug-21

Client: Talon Artesia

Project: Amtrack State Com 1 Amtrack P

Sample ID: MB-62109	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62109	RunNo: 80736								
Prep Date: 8/21/2021	Analysis Date: 8/23/2021	SeqNo: 2848316	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	15		10.00		148	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

Page 26 of 30

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108B13

25-Aug-21

Client: Talon Artesia**Project:** Amtrack State Com 1 Amtrack P

Sample ID: mb-62105	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 62105	RunNo: 80707								
Prep Date: 8/20/2021	Analysis Date: 8/22/2021	SeqNo: 2847104 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		106	70	130			

Sample ID: lcs-62105	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62105	RunNo: 80707								
Prep Date: 8/20/2021	Analysis Date: 8/22/2021	SeqNo: 2847107 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	117	78.6	131			
Surr: BFB	1300		1000		126	70	130			

Sample ID: 2108b13-021ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: B-7 8'	Batch ID: 62105	RunNo: 80707								
Prep Date: 8/20/2021	Analysis Date: 8/22/2021	SeqNo: 2847110 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.8	24.22	0	118	61.3	114			S
Surr: BFB	1100		969.0		118	70	130			

Sample ID: 2108b13-021amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: B-7 8'	Batch ID: 62105	RunNo: 80707								
Prep Date: 8/20/2021	Analysis Date: 8/22/2021	SeqNo: 2847111 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.8	23.90	0	119	61.3	114	0.535	20	S
Surr: BFB	1100		956.0		118	70	130	0	0	

Sample ID: mb-62097	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 62097	RunNo: 80717								
Prep Date: 8/20/2021	Analysis Date: 8/23/2021	SeqNo: 2848015 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			

Sample ID: lcs-62097	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62097	RunNo: 80717								
Prep Date: 8/20/2021	Analysis Date: 8/23/2021	SeqNo: 2848016 Units: mg/Kg								
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

Page 27 of 30

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108B13

25-Aug-21

Client: Talon Artesia**Project:** Amtrack State Com 1 Amtrack P

Sample ID: Ics-62097	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62097	RunNo: 80717								
Prep Date: 8/20/2021	Analysis Date: 8/23/2021	SeqNo: 2848016 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	113	78.6	131			
Surr: BFB	1200		1000		120	70	130			

Sample ID: 2108b13-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: B-3 6'	Batch ID: 62097	RunNo: 80717								
Prep Date: 8/20/2021	Analysis Date: 8/23/2021	SeqNo: 2848018 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.7	23.52	0	111	61.3	114			
Surr: BFB	1100		940.7		120	70	130			

Sample ID: 2108b13-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: B-3 6'	Batch ID: 62097	RunNo: 80717								
Prep Date: 8/20/2021	Analysis Date: 8/23/2021	SeqNo: 2848019 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.7	23.41	0	105	61.3	114	6.06	20	
Surr: BFB	1100		936.3		118	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

Page 28 of 30

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108B13

25-Aug-21

Client: Talon Artesia**Project:** Amtrack State Com 1 Amtrack P

Sample ID: mb-62105	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 62105	RunNo: 80707								
Prep Date: 8/20/2021	Analysis Date: 8/22/2021	SeqNo: 2847230			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	0.98		1.000		98.0	70	130			

Sample ID: LCS-62105	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 62105	RunNo: 80707								
Prep Date: 8/20/2021	Analysis Date: 8/22/2021	SeqNo: 2847253			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	1.000	0	85.0	80	120			
Toluene	0.88	0.050	1.000	0	88.1	80	120			
Ethylbenzene	0.86	0.050	1.000	0	86.2	80	120			
Xylenes, Total	2.7	0.10	3.000	0	88.5	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.4	70	130			

Sample ID: 2108b13-022ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: B-8 6'	Batch ID: 62105	RunNo: 80707								
Prep Date: 8/20/2021	Analysis Date: 8/22/2021	SeqNo: 2847282			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.023	0.9251	0	96.1	80	120			
Toluene	0.91	0.046	0.9251	0	98.7	80	120			
Ethylbenzene	0.92	0.046	0.9251	0	99.4	80	120			
Xylenes, Total	2.8	0.093	2.775	0.03696	98.4	80	120			
Surr: 4-Bromofluorobenzene	0.91		0.9251		98.4	70	130			

Sample ID: 2108b13-022amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: B-8 6'	Batch ID: 62105	RunNo: 80707								
Prep Date: 8/20/2021	Analysis Date: 8/22/2021	SeqNo: 2847283			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.024	0.9737	0	98.0	80	120	7.07	20	
Toluene	0.99	0.049	0.9737	0	101	80	120	7.72	20	
Ethylbenzene	0.99	0.049	0.9737	0	102	80	120	7.85	20	
Xylenes, Total	3.0	0.097	2.921	0.03696	101	80	120	7.98	20	
Surr: 4-Bromofluorobenzene	0.96		0.9737		98.3	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#: 2108B13

25-Aug-21

Client: Talon Artesia**Project:** Amtrack State Com 1 Amtrack P

Sample ID: mb-62097	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 62097	RunNo: 80717								
Prep Date: 8/20/2021	Analysis Date: 8/23/2021	SeqNo: 2848045 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	0.98		1.000		97.9	70	130			

Sample ID: LCS-62097	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 62097	RunNo: 80717								
Prep Date: 8/20/2021	Analysis Date: 8/23/2021	SeqNo: 2848046 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.5	80	120			
Toluene	0.93	0.050	1.000	0	92.7	80	120			
Ethylbenzene	0.93	0.050	1.000	0	92.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	70	130			

Sample ID: 2108b13-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: B-3 8'	Batch ID: 62097	RunNo: 80717								
Prep Date: 8/20/2021	Analysis Date: 8/23/2021	SeqNo: 2848049 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	0.9911	0	85.3	80	120			
Toluene	0.86	0.050	0.9911	0	86.6	80	120			
Ethylbenzene	0.86	0.050	0.9911	0	87.1	80	120			
Xylenes, Total	2.6	0.099	2.973	0	87.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		0.9911		101	70	130			

Sample ID: 2108b13-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: B-3 8'	Batch ID: 62097	RunNo: 80717								
Prep Date: 8/20/2021	Analysis Date: 8/23/2021	SeqNo: 2848050 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.024	0.9747	0	83.9	80	120	3.30	20	
Toluene	0.84	0.049	0.9747	0	85.8	80	120	2.67	20	
Ethylbenzene	0.85	0.049	0.9747	0	86.9	80	120	1.91	20	
Xylenes, Total	2.5	0.097	2.924	0	87.0	80	120	1.95	20	
Surr: 4-Bromofluorobenzene	0.99		0.9747		102	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



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: 2108B13

RcptNo: 1

Received By: Cheyenne Cason 8/20/2021 7:40:00 AM

Completed By: Cheyenne Cason 8/20/2021 8:30:40 AM

Reviewed By: KPG 8/20/21

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: JRS 8/20/21

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	2.8	Good				

Chain-of-Custody Record

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

Project Name:

Amtrack State Com 1 (Amtrack P)

Project #:

700438.251.01

Project Manager:

R. Pons

Sampler:

J. Carnes

On Ice:

☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 2.8-0 = 2.8

Date Time Matrix Sample Name

8/12/2021

10:10

Soil

B-3 6'

B-3 8'

B-3 10'

B-3 12'

B-1 6'

B-1 8'

B-1 10'R

B-2 6'

B-2 8'

B-2 10'

B-2 12'

B-4 6'

8/19/2021

8:28

8:30

9:16

11:00

11:02

11:10

11:12

2:45

2:15

2:25

2:35

8:28

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HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Chain-of-Custody Record									
Client: Talon LPE		<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Standard <input type="checkbox"/> Rush </div> <div>Turn-Around Time: 4-Day</div> </div>							
Mailing Address: 408 W. Texas Ave		Project Name:							
Artesia, NM 88210		Amtrack State Com 1 (Amtrack P)							
Phone #: 575.746.8768		Project #: 700438.251.01							
Email or Fax#:		Project Manager: R. Pons							
QA/QC Package:		<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation) </div> <div> Sampler: J. Carnes <input checked="" type="checkbox"/> On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </div> </div>							
<input type="checkbox"/> Accreditation: <input type="checkbox"/> Az Compliance		# of Coolers: 1							
<input type="checkbox"/> NELAC <input type="checkbox"/> Other		Cooler Temp (including CF): 2.8-0 = 2.8							
<input type="checkbox"/> EDD (Type)									
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.			
8/19/2021	2:47	Soil	B-4 8'	Glass Jar	Ice/Cool	013			
	2:10		B-5 6'			014			
	2:12		B-5 8'			015			
	1:20		B-6 6'			016			
	1:22		B-6 8'			017			
	1:40		B-6 10'			018			
	1:42		B-6 12'			019			
	12:00		B-7 6'			020			
	12:02		B-7 8'			021			
	11:40		B-8 6'			022			
	11:42		B-8 8'			023			
Date: 8/19/21		Time: 1030		Relinquished by: [Signature]		Received by: [Signature]		Date: 8/19/21	
Date: 8/19/21		Time: 1900		Relinquished by: [Signature]		Received by: [Signature]		Date: 8/20/21	

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.

Remarks: Page 2 of 2

B:11 direct + 100



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: Amtrack State Com #1

OrderNo.: 2108787

Dear Rebecca Pons:

Hall Environmental Analysis Laboratory received 52 sample(s) on 8/14/2021 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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-1A '5

Project: Amtrack State Com #1

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

Lab ID: 2108787-001

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	8/19/2021 12:46:16 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/17/2021 5:38:42 PM	61994
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/17/2021 5:38:42 PM	61994
Surr: DNOP	77.6	70-130		%Rec	1	8/17/2021 5:38:42 PM	61994
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/18/2021 12:53:00 AM	61984
Surr: BFB	109	70-130		%Rec	1	8/18/2021 12:53:00 AM	61984
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/18/2021 12:53:00 AM	61984
Toluene	ND	0.047		mg/Kg	1	8/18/2021 12:53:00 AM	61984
Ethylbenzene	ND	0.047		mg/Kg	1	8/18/2021 12:53:00 AM	61984
Xylenes, Total	ND	0.094		mg/Kg	1	8/18/2021 12:53:00 AM	61984
Surr: 4-Bromofluorobenzene	93.7	70-130		%Rec	1	8/18/2021 12:53:00 AM	61984

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		

Page 1 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-2A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 8:13:00 AM

Lab ID: 2108787-002

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	8/19/2021 12:58:36 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/17/2021 6:03:07 PM	61994
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/17/2021 6:03:07 PM	61994
Surr: DNOP	56.5	70-130	S	%Rec	1	8/17/2021 6:03:07 PM	61994
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 1:13:00 AM	61984
Surr: BFB	96.9	70-130		%Rec	1	8/18/2021 1:13:00 AM	61984
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/18/2021 1:13:00 AM	61984
Toluene	ND	0.048		mg/Kg	1	8/18/2021 1:13:00 AM	61984
Ethylbenzene	ND	0.048		mg/Kg	1	8/18/2021 1:13:00 AM	61984
Xylenes, Total	ND	0.095		mg/Kg	1	8/18/2021 1:13:00 AM	61984
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	8/18/2021 1:13:00 AM	61984

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		

Page 2 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-3A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 8:16:00 AM

Lab ID: 2108787-003

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	8/19/2021 1:10:58 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/17/2021 6:27:28 PM	61994
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/17/2021 6:27:28 PM	61994
Surr: DNOP	38.5	70-130	S	%Rec	1	8/17/2021 6:27:28 PM	61994
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/18/2021 1:33:00 AM	61984
Surr: BFB	94.1	70-130		%Rec	1	8/18/2021 1:33:00 AM	61984
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/18/2021 1:33:00 AM	61984
Toluene	ND	0.050		mg/Kg	1	8/18/2021 1:33:00 AM	61984
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2021 1:33:00 AM	61984
Xylenes, Total	ND	0.099		mg/Kg	1	8/18/2021 1:33:00 AM	61984
Surr: 4-Bromofluorobenzene	85.7	70-130		%Rec	1	8/18/2021 1:33:00 AM	61984

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		

Page 3 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-4A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 8:19:00 AM

Lab ID: 2108787-004

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	570	60		mg/Kg	20	8/19/2021 1:23:19 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/17/2021 6:51:54 PM	61994
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/17/2021 6:51:54 PM	61994
Surr: DNOP	75.1	70-130		%Rec	1	8/17/2021 6:51:54 PM	61994
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/18/2021 1:53:00 AM	61984
Surr: BFB	98.1	70-130		%Rec	1	8/18/2021 1:53:00 AM	61984
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/18/2021 1:53:00 AM	61984
Toluene	ND	0.050		mg/Kg	1	8/18/2021 1:53:00 AM	61984
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2021 1:53:00 AM	61984
Xylenes, Total	ND	0.10		mg/Kg	1	8/18/2021 1:53:00 AM	61984
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	8/18/2021 1:53:00 AM	61984

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		

Page 4 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 8:22:00 AM

Lab ID: 2108787-005

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	620	60		mg/Kg	20	8/19/2021 1:35:40 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/17/2021 7:40:40 PM	61994
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/17/2021 7:40:40 PM	61994
Surr: DNOP	70.9	70-130		%Rec	1	8/17/2021 7:40:40 PM	61994
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 2:12:00 AM	61984
Surr: BFB	102	70-130		%Rec	1	8/18/2021 2:12:00 AM	61984
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/18/2021 2:12:00 AM	61984
Toluene	ND	0.049		mg/Kg	1	8/18/2021 2:12:00 AM	61984
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2021 2:12:00 AM	61984
Xylenes, Total	ND	0.099		mg/Kg	1	8/18/2021 2:12:00 AM	61984
Surr: 4-Bromofluorobenzene	93.7	70-130		%Rec	1	8/18/2021 2:12:00 AM	61984

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		

Page 5 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-6A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 8:25:00 AM

Lab ID: 2108787-006

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	310	60		mg/Kg	20	8/19/2021 1:48:00 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/17/2021 8:04:58 PM	61994
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/17/2021 8:04:58 PM	61994
Surr: DNOP	88.7	70-130		%Rec	1	8/17/2021 8:04:58 PM	61994
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/18/2021 2:32:00 AM	61984
Surr: BFB	98.6	70-130		%Rec	1	8/18/2021 2:32:00 AM	61984
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/18/2021 2:32:00 AM	61984
Toluene	ND	0.050		mg/Kg	1	8/18/2021 2:32:00 AM	61984
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2021 2:32:00 AM	61984
Xylenes, Total	ND	0.10		mg/Kg	1	8/18/2021 2:32:00 AM	61984
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	8/18/2021 2:32:00 AM	61984

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		

Page 6 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-7A 5'

Project: Amtrack State Com #1

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

Lab ID: 2108787-007

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	220	60		mg/Kg	20	8/19/2021 2:00:22 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/17/2021 8:29:25 PM	61994
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/17/2021 8:29:25 PM	61994
Surr: DNOP	69.9	70-130	S	%Rec	1	8/17/2021 8:29:25 PM	61994
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 2:52:00 AM	61984
Surr: BFB	110	70-130		%Rec	1	8/18/2021 2:52:00 AM	61984
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/18/2021 2:52:00 AM	61984
Toluene	ND	0.048		mg/Kg	1	8/18/2021 2:52:00 AM	61984
Ethylbenzene	ND	0.048		mg/Kg	1	8/18/2021 2:52:00 AM	61984
Xylenes, Total	ND	0.095		mg/Kg	1	8/18/2021 2:52:00 AM	61984
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	8/18/2021 2:52:00 AM	61984

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		

Page 7 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-8A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 10:03:00 AM

Lab ID: 2108787-008

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	860	60		mg/Kg	20	8/19/2021 2:12:43 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	8/17/2021 8:53:37 PM	61994
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/17/2021 8:53:37 PM	61994
Surr: DNOP	98.4	70-130		%Rec	1	8/17/2021 8:53:37 PM	61994
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 3:12:00 AM	61984
Surr: BFB	97.5	70-130		%Rec	1	8/18/2021 3:12:00 AM	61984
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/18/2021 3:12:00 AM	61984
Toluene	ND	0.049		mg/Kg	1	8/18/2021 3:12:00 AM	61984
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2021 3:12:00 AM	61984
Xylenes, Total	ND	0.098		mg/Kg	1	8/18/2021 3:12:00 AM	61984
Surr: 4-Bromofluorobenzene	89.9	70-130		%Rec	1	8/18/2021 3:12:00 AM	61984

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		

Page 8 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-9A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 10:06:00 AM

Lab ID: 2108787-009

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	520	60		mg/Kg	20	8/19/2021 2:49:47 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/17/2021 9:18:05 PM	61994
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/17/2021 9:18:05 PM	61994
Surr: DNOP	77.9	70-130		%Rec	1	8/17/2021 9:18:05 PM	61994
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 3:32:00 AM	61984
Surr: BFB	94.5	70-130		%Rec	1	8/18/2021 3:32:00 AM	61984
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/18/2021 3:32:00 AM	61984
Toluene	ND	0.049		mg/Kg	1	8/18/2021 3:32:00 AM	61984
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2021 3:32:00 AM	61984
Xylenes, Total	ND	0.098		mg/Kg	1	8/18/2021 3:32:00 AM	61984
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	8/18/2021 3:32:00 AM	61984

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		

Page 9 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-10A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 10:09:00 AM

Lab ID: 2108787-010

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	940	61		mg/Kg	20	8/19/2021 3:02:07 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/17/2021 9:42:23 PM	61994
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/17/2021 9:42:23 PM	61994
Surr: DNOP	95.3	70-130		%Rec	1	8/17/2021 9:42:23 PM	61994
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 3:52:00 AM	61984
Surr: BFB	99.7	70-130		%Rec	1	8/18/2021 3:52:00 AM	61984
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/18/2021 3:52:00 AM	61984
Toluene	ND	0.048		mg/Kg	1	8/18/2021 3:52:00 AM	61984
Ethylbenzene	ND	0.048		mg/Kg	1	8/18/2021 3:52:00 AM	61984
Xylenes, Total	ND	0.096		mg/Kg	1	8/18/2021 3:52:00 AM	61984
Surr: 4-Bromofluorobenzene	89.9	70-130		%Rec	1	8/18/2021 3:52:00 AM	61984

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		

Page 10 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-11A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 10:12:00 AM

Lab ID: 2108787-011

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	720	60		mg/Kg	20	8/19/2021 3:14:28 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/18/2021 11:14:23 AM	62020
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/18/2021 11:14:23 AM	62020
Surr: DNOP	119	70-130		%Rec	1	8/18/2021 11:14:23 AM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/17/2021 9:26:53 PM	61989
Surr: BFB	94.3	70-130		%Rec	1	8/17/2021 9:26:53 PM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/17/2021 9:26:53 PM	61989
Toluene	ND	0.048		mg/Kg	1	8/17/2021 9:26:53 PM	61989
Ethylbenzene	ND	0.048		mg/Kg	1	8/17/2021 9:26:53 PM	61989
Xylenes, Total	ND	0.097		mg/Kg	1	8/17/2021 9:26:53 PM	61989
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	1	8/17/2021 9:26:53 PM	61989

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		

Page 11 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-12A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 11:25:00 AM

Lab ID: 2108787-012

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	820	60		mg/Kg	20	8/19/2021 3:26:50 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/18/2021 11:43:14 AM	62020
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 11:43:14 AM	62020
Surr: DNOP	117	70-130		%Rec	1	8/18/2021 11:43:14 AM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/17/2021 10:37:34 PM	61989
Surr: BFB	91.8	70-130		%Rec	1	8/17/2021 10:37:34 PM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/17/2021 10:37:34 PM	61989
Toluene	ND	0.046		mg/Kg	1	8/17/2021 10:37:34 PM	61989
Ethylbenzene	ND	0.046		mg/Kg	1	8/17/2021 10:37:34 PM	61989
Xylenes, Total	ND	0.092		mg/Kg	1	8/17/2021 10:37:34 PM	61989
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	8/17/2021 10:37:34 PM	61989

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 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-13A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 11:28:00 AM

Lab ID: 2108787-013

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	480	60		mg/Kg	20	8/19/2021 3:39:11 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/18/2021 11:52:54 AM	62020
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/18/2021 11:52:54 AM	62020
Surr: DNOP	122	70-130		%Rec	1	8/18/2021 11:52:54 AM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/17/2021 11:48:15 PM	61989
Surr: BFB	92.8	70-130		%Rec	1	8/17/2021 11:48:15 PM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/17/2021 11:48:15 PM	61989
Toluene	ND	0.048		mg/Kg	1	8/17/2021 11:48:15 PM	61989
Ethylbenzene	ND	0.048		mg/Kg	1	8/17/2021 11:48:15 PM	61989
Xylenes, Total	ND	0.096		mg/Kg	1	8/17/2021 11:48:15 PM	61989
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	8/17/2021 11:48:15 PM	61989

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		

Page 13 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-14A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 11:31:00 AM

Lab ID: 2108787-014

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	220	60		mg/Kg	20	8/19/2021 3:51:32 PM	62055
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	8/18/2021 12:02:34 PM	62020
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	8/18/2021 12:02:34 PM	62020
Surr: DNOP	138	70-130	S	%Rec	1	8/18/2021 12:02:34 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 12:11:47 AM	61989
Surr: BFB	93.2	70-130		%Rec	1	8/18/2021 12:11:47 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/18/2021 12:11:47 AM	61989
Toluene	ND	0.049		mg/Kg	1	8/18/2021 12:11:47 AM	61989
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2021 12:11:47 AM	61989
Xylenes, Total	ND	0.098		mg/Kg	1	8/18/2021 12:11:47 AM	61989
Surr: 4-Bromofluorobenzene	87.0	70-130		%Rec	1	8/18/2021 12:11:47 AM	61989

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		

Page 14 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-19A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 1:10:00 PM

Lab ID: 2108787-015

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	990	60		mg/Kg	20	8/19/2021 10:52:29 AM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	9.4	9.4		mg/Kg	1	8/18/2021 12:12:15 PM	62020
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/18/2021 12:12:15 PM	62020
Surr: DNOP	127	70-130		%Rec	1	8/18/2021 12:12:15 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 12:35:17 AM	61989
Surr: BFB	92.4	70-130		%Rec	1	8/18/2021 12:35:17 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/18/2021 12:35:17 AM	61989
Toluene	ND	0.048		mg/Kg	1	8/18/2021 12:35:17 AM	61989
Ethylbenzene	ND	0.048		mg/Kg	1	8/18/2021 12:35:17 AM	61989
Xylenes, Total	ND	0.096		mg/Kg	1	8/18/2021 12:35:17 AM	61989
Surr: 4-Bromofluorobenzene	86.0	70-130		%Rec	1	8/18/2021 12:35:17 AM	61989

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		

Page 15 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-20A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 1:13:00 PM

Lab ID: 2108787-016

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	700	60		mg/Kg	20	8/19/2021 11:29:42 AM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/18/2021 12:21:57 PM	62020
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 12:21:57 PM	62020
Surr: DNOP	95.3	70-130		%Rec	1	8/18/2021 12:21:57 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/18/2021 12:58:48 AM	61989
Surr: BFB	95.1	70-130		%Rec	1	8/18/2021 12:58:48 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/18/2021 12:58:48 AM	61989
Toluene	ND	0.050		mg/Kg	1	8/18/2021 12:58:48 AM	61989
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2021 12:58:48 AM	61989
Xylenes, Total	ND	0.10		mg/Kg	1	8/18/2021 12:58:48 AM	61989
Surr: 4-Bromofluorobenzene	89.2	70-130		%Rec	1	8/18/2021 12:58:48 AM	61989

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		

Page 16 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-21A 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 1:16:00 PM

Lab ID: 2108787-017

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	310	60		mg/Kg	20	8/19/2021 12:31:46 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/18/2021 12:31:39 PM	62020
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 12:31:39 PM	62020
Surr: DNOP	130	70-130		%Rec	1	8/18/2021 12:31:39 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 1:22:19 AM	61989
Surr: BFB	92.4	70-130		%Rec	1	8/18/2021 1:22:19 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/18/2021 1:22:19 AM	61989
Toluene	ND	0.048		mg/Kg	1	8/18/2021 1:22:19 AM	61989
Ethylbenzene	ND	0.048		mg/Kg	1	8/18/2021 1:22:19 AM	61989
Xylenes, Total	ND	0.096		mg/Kg	1	8/18/2021 1:22:19 AM	61989
Surr: 4-Bromofluorobenzene	87.9	70-130		%Rec	1	8/18/2021 1:22:19 AM	61989

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		

Page 17 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N.SW-1 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 1:10:00 PM

Lab ID: 2108787-018

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1400	59		mg/Kg	20	8/19/2021 12:44:11 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/18/2021 12:41:24 PM	62020
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/18/2021 12:41:24 PM	62020
Surr: DNOP	83.2	70-130		%Rec	1	8/18/2021 12:41:24 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/18/2021 1:45:52 AM	61989
Surr: BFB	93.0	70-130		%Rec	1	8/18/2021 1:45:52 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/18/2021 1:45:52 AM	61989
Toluene	ND	0.046		mg/Kg	1	8/18/2021 1:45:52 AM	61989
Ethylbenzene	ND	0.046		mg/Kg	1	8/18/2021 1:45:52 AM	61989
Xylenes, Total	ND	0.092		mg/Kg	1	8/18/2021 1:45:52 AM	61989
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	8/18/2021 1:45:52 AM	61989

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		

Page 18 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N.SW-2 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 1:13:00 PM

Lab ID: 2108787-019

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	800	59		mg/Kg	20	8/19/2021 12:56:35 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/18/2021 12:51:07 PM	62020
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 12:51:07 PM	62020
Surr: DNOP	166	70-130	S	%Rec	1	8/18/2021 12:51:07 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 2:09:28 AM	61989
Surr: BFB	93.5	70-130		%Rec	1	8/18/2021 2:09:28 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/18/2021 2:09:28 AM	61989
Toluene	ND	0.049		mg/Kg	1	8/18/2021 2:09:28 AM	61989
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2021 2:09:28 AM	61989
Xylenes, Total	ND	0.098		mg/Kg	1	8/18/2021 2:09:28 AM	61989
Surr: 4-Bromofluorobenzene	87.1	70-130		%Rec	1	8/18/2021 2:09:28 AM	61989

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 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: N.SW-3 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 1:16:00 PM

Lab ID: 2108787-020

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	870	59		mg/Kg	20	8/19/2021 1:09:00 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/18/2021 1:00:51 PM	62020
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/18/2021 1:00:51 PM	62020
Surr: DNOP	169	70-130	S	%Rec	1	8/18/2021 1:00:51 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 2:33:03 AM	61989
Surr: BFB	92.2	70-130		%Rec	1	8/18/2021 2:33:03 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/18/2021 2:33:03 AM	61989
Toluene	ND	0.048		mg/Kg	1	8/18/2021 2:33:03 AM	61989
Ethylbenzene	ND	0.048		mg/Kg	1	8/18/2021 2:33:03 AM	61989
Xylenes, Total	ND	0.096		mg/Kg	1	8/18/2021 2:33:03 AM	61989
Surr: 4-Bromofluorobenzene	86.4	70-130		%Rec	1	8/18/2021 2:33:03 AM	61989

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		

Page 20 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: E.SW-1 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 1:19:00 PM

Lab ID: 2108787-021

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1200	59		mg/Kg	20	8/19/2021 1:21:26 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/18/2021 1:10:38 PM	62020
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 1:10:38 PM	62020
Surr: DNOP	91.9	70-130		%Rec	1	8/18/2021 1:10:38 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/18/2021 3:20:22 AM	61989
Surr: BFB	93.4	70-130		%Rec	1	8/18/2021 3:20:22 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/18/2021 3:20:22 AM	61989
Toluene	ND	0.046		mg/Kg	1	8/18/2021 3:20:22 AM	61989
Ethylbenzene	ND	0.046		mg/Kg	1	8/18/2021 3:20:22 AM	61989
Xylenes, Total	ND	0.093		mg/Kg	1	8/18/2021 3:20:22 AM	61989
Surr: 4-Bromofluorobenzene	87.4	70-130		%Rec	1	8/18/2021 3:20:22 AM	61989

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		

Page 21 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: E.SW-2 5'

Project: Amtrack State Com #1

Collection Date: 8/10/2021 1:22:00 PM

Lab ID: 2108787-022

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1300	60		mg/Kg	20	8/19/2021 1:33:50 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/18/2021 1:20:25 PM	62020
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 1:20:25 PM	62020
Surr: DNOP	129	70-130		%Rec	1	8/18/2021 1:20:25 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 3:43:54 AM	61989
Surr: BFB	92.6	70-130		%Rec	1	8/18/2021 3:43:54 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/18/2021 3:43:54 AM	61989
Toluene	ND	0.049		mg/Kg	1	8/18/2021 3:43:54 AM	61989
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2021 3:43:54 AM	61989
Xylenes, Total	ND	0.098		mg/Kg	1	8/18/2021 3:43:54 AM	61989
Surr: 4-Bromofluorobenzene	86.1	70-130		%Rec	1	8/18/2021 3:43:54 AM	61989

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		

Page 22 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: W.SW-1 6'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 10:17:00 AM

Lab ID: 2108787-023

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	990	60		mg/Kg	20	8/19/2021 1:46:15 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/18/2021 1:30:13 PM	62020
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 1:30:13 PM	62020
Surr: DNOP	136	70-130	S	%Rec	1	8/18/2021 1:30:13 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/18/2021 4:07:29 AM	61989
Surr: BFB	93.6	70-130		%Rec	1	8/18/2021 4:07:29 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/18/2021 4:07:29 AM	61989
Toluene	ND	0.046		mg/Kg	1	8/18/2021 4:07:29 AM	61989
Ethylbenzene	ND	0.046		mg/Kg	1	8/18/2021 4:07:29 AM	61989
Xylenes, Total	ND	0.093		mg/Kg	1	8/18/2021 4:07:29 AM	61989
Surr: 4-Bromofluorobenzene	87.7	70-130		%Rec	1	8/18/2021 4:07:29 AM	61989

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 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: W.SW-2 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 10:20:00 AM

Lab ID: 2108787-024

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	930	60		mg/Kg	20	8/19/2021 1:58:39 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/18/2021 1:40:04 PM	62020
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 1:40:04 PM	62020
Surr: DNOP	133	70-130	S	%Rec	1	8/18/2021 1:40:04 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/18/2021 4:31:01 AM	61989
Surr: BFB	93.6	70-130		%Rec	1	8/18/2021 4:31:01 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/18/2021 4:31:01 AM	61989
Toluene	ND	0.050		mg/Kg	1	8/18/2021 4:31:01 AM	61989
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2021 4:31:01 AM	61989
Xylenes, Total	ND	0.099		mg/Kg	1	8/18/2021 4:31:01 AM	61989
Surr: 4-Bromofluorobenzene	87.7	70-130		%Rec	1	8/18/2021 4:31:01 AM	61989

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 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-15A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 10:30:00 AM

Lab ID: 2108787-025

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	690	60		mg/Kg	20	8/19/2021 2:11:04 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/18/2021 1:49:53 PM	62020
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 1:49:53 PM	62020
Surr: DNOP	119	70-130		%Rec	1	8/18/2021 1:49:53 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/18/2021 4:54:42 AM	61989
Surr: BFB	93.6	70-130		%Rec	1	8/18/2021 4:54:42 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/18/2021 4:54:42 AM	61989
Toluene	ND	0.047		mg/Kg	1	8/18/2021 4:54:42 AM	61989
Ethylbenzene	ND	0.047		mg/Kg	1	8/18/2021 4:54:42 AM	61989
Xylenes, Total	ND	0.093		mg/Kg	1	8/18/2021 4:54:42 AM	61989
Surr: 4-Bromofluorobenzene	86.8	70-130		%Rec	1	8/18/2021 4:54:42 AM	61989

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		

Page 25 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-16A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 10:33:00 AM

Lab ID: 2108787-026

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	670	60		mg/Kg	20	8/19/2021 2:23:28 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/18/2021 1:59:42 PM	62020
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 1:59:42 PM	62020
Surr: DNOP	113	70-130		%Rec	1	8/18/2021 1:59:42 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/18/2021 9:05:14 AM	61989
Surr: BFB	103	70-130		%Rec	1	8/18/2021 9:05:14 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/19/2021 3:49:14 PM	61989
Toluene	ND	0.046		mg/Kg	1	8/19/2021 3:49:14 PM	61989
Ethylbenzene	ND	0.046		mg/Kg	1	8/19/2021 3:49:14 PM	61989
Xylenes, Total	ND	0.091		mg/Kg	1	8/19/2021 3:49:14 PM	61989
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	8/19/2021 3:49:14 PM	61989

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		

Page 26 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-17A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 10:36:00 AM

Lab ID: 2108787-027

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	870	60		mg/Kg	20	8/19/2021 3:00:43 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	25	10		mg/Kg	1	8/20/2021 9:53:02 AM	62095
Motor Oil Range Organics (MRO)	180	50		mg/Kg	1	8/20/2021 9:53:02 AM	62095
Surr: DNOP	106	70-130		%Rec	1	8/20/2021 9:53:02 AM	62095
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 9:28:52 AM	61989
Surr: BFB	99.9	70-130		%Rec	1	8/18/2021 9:28:52 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/19/2021 4:12:53 PM	61989
Toluene	ND	0.048		mg/Kg	1	8/19/2021 4:12:53 PM	61989
Ethylbenzene	ND	0.048		mg/Kg	1	8/19/2021 4:12:53 PM	61989
Xylenes, Total	ND	0.097		mg/Kg	1	8/19/2021 4:12:53 PM	61989
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	8/19/2021 4:12:53 PM	61989

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		

Page 27 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-18A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 10:39:00 AM

Lab ID: 2108787-028

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1300	60		mg/Kg	20	8/19/2021 3:13:07 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	13	9.6		mg/Kg	1	8/18/2021 2:19:41 PM	62020
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 2:19:41 PM	62020
Surr: DNOP	120	70-130		%Rec	1	8/18/2021 2:19:41 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 9:52:26 AM	61989
Surr: BFB	106	70-130		%Rec	1	8/18/2021 9:52:26 AM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/19/2021 4:36:38 PM	61989
Toluene	ND	0.049		mg/Kg	1	8/19/2021 4:36:38 PM	61989
Ethylbenzene	ND	0.049		mg/Kg	1	8/19/2021 4:36:38 PM	61989
Xylenes, Total	ND	0.098		mg/Kg	1	8/19/2021 4:36:38 PM	61989
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	8/19/2021 4:36:38 PM	61989

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 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-22A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 12:50:00 PM

Lab ID: 2108787-029

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	940	60		mg/Kg	20	8/19/2021 3:25:32 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/18/2021 2:29:40 PM	62020
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 2:29:40 PM	62020
Surr: DNOP	121	70-130		%Rec	1	8/18/2021 2:29:40 PM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 12:38:24 PM	61989
Surr: BFB	107	70-130		%Rec	1	8/18/2021 12:38:24 PM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/19/2021 5:00:21 PM	61989
Toluene	ND	0.049		mg/Kg	1	8/19/2021 5:00:21 PM	61989
Ethylbenzene	ND	0.049		mg/Kg	1	8/19/2021 5:00:21 PM	61989
Xylenes, Total	ND	0.098		mg/Kg	1	8/19/2021 5:00:21 PM	61989
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	8/19/2021 5:00:21 PM	61989

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		

Page 29 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-23A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 12:53:00 PM

Lab ID: 2108787-030

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	940	60		mg/Kg	20	8/19/2021 3:37:57 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	11	9.8		mg/Kg	1	8/19/2021 10:34:19 AM	62020
Motor Oil Range Organics (MRO)	77	49		mg/Kg	1	8/19/2021 10:34:19 AM	62020
Surr: DNOP	105	70-130		%Rec	1	8/19/2021 10:34:19 AM	62020
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 1:02:13 PM	61989
Surr: BFB	105	70-130		%Rec	1	8/18/2021 1:02:13 PM	61989
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/19/2021 5:23:57 PM	61989
Toluene	ND	0.048		mg/Kg	1	8/19/2021 5:23:57 PM	61989
Ethylbenzene	ND	0.048		mg/Kg	1	8/19/2021 5:23:57 PM	61989
Xylenes, Total	ND	0.096		mg/Kg	1	8/19/2021 5:23:57 PM	61989
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	8/19/2021 5:23:57 PM	61989

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		

Page 30 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-24A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 12:56:00 PM

Lab ID: 2108787-031

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	920	60		mg/Kg	20	8/19/2021 3:50:21 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/18/2021 7:13:57 PM	62021
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/18/2021 7:13:57 PM	62021
Surr: DNOP	123	70-130		%Rec	1	8/18/2021 7:13:57 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 1:25:57 PM	61997
Surr: BFB	107	70-130		%Rec	1	8/18/2021 1:25:57 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/19/2021 7:22:24 PM	61997
Toluene	ND	0.048		mg/Kg	1	8/19/2021 7:22:24 PM	61997
Ethylbenzene	ND	0.048		mg/Kg	1	8/19/2021 7:22:24 PM	61997
Xylenes, Total	ND	0.097		mg/Kg	1	8/19/2021 7:22:24 PM	61997
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	8/19/2021 7:22:24 PM	61997

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		

Page 31 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-25A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 12:59:00 PM

Lab ID: 2108787-032

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1000	60		mg/Kg	20	8/19/2021 4:02:46 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/18/2021 7:43:15 PM	62021
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 7:43:15 PM	62021
Surr: DNOP	129	70-130		%Rec	1	8/18/2021 7:43:15 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/18/2021 2:37:17 PM	61997
Surr: BFB	105	70-130		%Rec	1	8/18/2021 2:37:17 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/19/2021 7:45:58 PM	61997
Toluene	ND	0.047		mg/Kg	1	8/19/2021 7:45:58 PM	61997
Ethylbenzene	ND	0.047		mg/Kg	1	8/19/2021 7:45:58 PM	61997
Xylenes, Total	ND	0.095		mg/Kg	1	8/19/2021 7:45:58 PM	61997
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	8/19/2021 7:45:58 PM	61997

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 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-26A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:02:00 PM

Lab ID: 2108787-033

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	810	60		mg/Kg	20	8/19/2021 4:15:11 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/18/2021 7:53:03 PM	62021
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/18/2021 7:53:03 PM	62021
Surr: DNOP	123	70-130		%Rec	1	8/18/2021 7:53:03 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/18/2021 4:36:32 PM	61997
Surr: BFB	109	70-130		%Rec	1	8/18/2021 4:36:32 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/19/2021 8:56:47 PM	61997
Toluene	ND	0.047		mg/Kg	1	8/19/2021 8:56:47 PM	61997
Ethylbenzene	ND	0.047		mg/Kg	1	8/19/2021 8:56:47 PM	61997
Xylenes, Total	ND	0.094		mg/Kg	1	8/19/2021 8:56:47 PM	61997
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	8/19/2021 8:56:47 PM	61997

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		

Page 33 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-27A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:05:00 PM

Lab ID: 2108787-034

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	670	60		mg/Kg	20	8/19/2021 4:27:37 PM	62067
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/18/2021 8:02:51 PM	62021
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/18/2021 8:02:51 PM	62021
Surr: DNOP	116	70-130		%Rec	1	8/18/2021 8:02:51 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/18/2021 5:00:19 PM	61997
Surr: BFB	105	70-130		%Rec	1	8/18/2021 5:00:19 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/19/2021 9:20:26 PM	61997
Toluene	ND	0.047		mg/Kg	1	8/19/2021 9:20:26 PM	61997
Ethylbenzene	ND	0.047		mg/Kg	1	8/19/2021 9:20:26 PM	61997
Xylenes, Total	ND	0.093		mg/Kg	1	8/19/2021 9:20:26 PM	61997
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	8/19/2021 9:20:26 PM	61997

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		

Page 34 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-28A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:08:00 PM

Lab ID: 2108787-035

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	720	60		mg/Kg	20	8/19/2021 5:29:40 PM	62072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/18/2021 8:12:43 PM	62021
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 8:12:43 PM	62021
Surr: DNOP	135	70-130	S	%Rec	1	8/18/2021 8:12:43 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 5:24:05 PM	61997
Surr: BFB	107	70-130		%Rec	1	8/18/2021 5:24:05 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/19/2021 9:43:59 PM	61997
Toluene	ND	0.049		mg/Kg	1	8/19/2021 9:43:59 PM	61997
Ethylbenzene	ND	0.049		mg/Kg	1	8/19/2021 9:43:59 PM	61997
Xylenes, Total	ND	0.098		mg/Kg	1	8/19/2021 9:43:59 PM	61997
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	8/19/2021 9:43:59 PM	61997

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		

Page 35 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-29A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:11:00 PM

Lab ID: 2108787-036

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	860	60		mg/Kg	20	8/19/2021 5:42:05 PM	62072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/18/2021 8:22:36 PM	62021
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 8:22:36 PM	62021
Surr: DNOP	125	70-130		%Rec	1	8/18/2021 8:22:36 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/18/2021 5:47:46 PM	61997
Surr: BFB	107	70-130		%Rec	1	8/18/2021 5:47:46 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/19/2021 10:07:30 PM	61997
Toluene	ND	0.047		mg/Kg	1	8/19/2021 10:07:30 PM	61997
Ethylbenzene	ND	0.047		mg/Kg	1	8/19/2021 10:07:30 PM	61997
Xylenes, Total	ND	0.094		mg/Kg	1	8/19/2021 10:07:30 PM	61997
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	8/19/2021 10:07:30 PM	61997

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		

Page 36 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-30A 6'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:14:00 PM

Lab ID: 2108787-037

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1000	60		mg/Kg	20	8/19/2021 5:54:29 PM	62072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/18/2021 8:32:31 PM	62021
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 8:32:31 PM	62021
Surr: DNOP	130	70-130	S	%Rec	1	8/18/2021 8:32:31 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/18/2021 6:11:27 PM	61997
Surr: BFB	106	70-130		%Rec	1	8/18/2021 6:11:27 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/19/2021 10:31:02 PM	61997
Toluene	ND	0.047		mg/Kg	1	8/19/2021 10:31:02 PM	61997
Ethylbenzene	ND	0.047		mg/Kg	1	8/19/2021 10:31:02 PM	61997
Xylenes, Total	ND	0.094		mg/Kg	1	8/19/2021 10:31:02 PM	61997
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	8/19/2021 10:31:02 PM	61997

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		

Page 37 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-31A 6'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:17:00 PM

Lab ID: 2108787-038

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1000	60		mg/Kg	20	8/19/2021 6:06:53 PM	62072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	8/18/2021 8:42:27 PM	62021
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/18/2021 8:42:27 PM	62021
Surr: DNOP	93.5	70-130		%Rec	1	8/18/2021 8:42:27 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 6:35:09 PM	61997
Surr: BFB	104	70-130		%Rec	1	8/18/2021 6:35:09 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/19/2021 10:54:29 PM	61997
Toluene	ND	0.048		mg/Kg	1	8/19/2021 10:54:29 PM	61997
Ethylbenzene	ND	0.048		mg/Kg	1	8/19/2021 10:54:29 PM	61997
Xylenes, Total	ND	0.097		mg/Kg	1	8/19/2021 10:54:29 PM	61997
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	1	8/19/2021 10:54:29 PM	61997

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		

Page 38 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-32A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:20:00 PM

Lab ID: 2108787-039

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1200	60		mg/Kg	20	8/19/2021 6:19:18 PM	62072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/18/2021 8:52:24 PM	62021
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 8:52:24 PM	62021
Surr: DNOP	101	70-130		%Rec	1	8/18/2021 8:52:24 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/18/2021 6:58:50 PM	61997
Surr: BFB	106	70-130		%Rec	1	8/18/2021 6:58:50 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	8/19/2021 11:18:10 PM	61997
Toluene	ND	0.046		mg/Kg	1	8/19/2021 11:18:10 PM	61997
Ethylbenzene	ND	0.046		mg/Kg	1	8/19/2021 11:18:10 PM	61997
Xylenes, Total	ND	0.092		mg/Kg	1	8/19/2021 11:18:10 PM	61997
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	8/19/2021 11:18:10 PM	61997

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		

Page 39 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-33A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:23:00 PM

Lab ID: 2108787-040

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	890	60		mg/Kg	20	8/19/2021 6:31:43 PM	62072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/18/2021 9:02:23 PM	62021
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/18/2021 9:02:23 PM	62021
Surr: DNOP	115	70-130		%Rec	1	8/18/2021 9:02:23 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/18/2021 7:22:30 PM	61997
Surr: BFB	104	70-130		%Rec	1	8/18/2021 7:22:30 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/19/2021 11:41:43 PM	61997
Toluene	ND	0.047		mg/Kg	1	8/19/2021 11:41:43 PM	61997
Ethylbenzene	ND	0.047		mg/Kg	1	8/19/2021 11:41:43 PM	61997
Xylenes, Total	ND	0.095		mg/Kg	1	8/19/2021 11:41:43 PM	61997
Surr: 4-Bromofluorobenzene	97.0	70-130		%Rec	1	8/19/2021 11:41:43 PM	61997

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		

Page 40 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-34A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:26:00 PM

Lab ID: 2108787-041

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1000	60		mg/Kg	20	8/19/2021 6:44:08 PM	62072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/18/2021 9:12:22 PM	62021
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 9:12:22 PM	62021
Surr: DNOP	150	70-130	S	%Rec	1	8/18/2021 9:12:22 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 7:46:09 PM	61997
Surr: BFB	106	70-130		%Rec	1	8/18/2021 7:46:09 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/20/2021 12:28:52 AM	61997
Toluene	ND	0.049		mg/Kg	1	8/20/2021 12:28:52 AM	61997
Ethylbenzene	ND	0.049		mg/Kg	1	8/20/2021 12:28:52 AM	61997
Xylenes, Total	ND	0.098		mg/Kg	1	8/20/2021 12:28:52 AM	61997
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	8/20/2021 12:28:52 AM	61997

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 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-35A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:29:00 PM

Lab ID: 2108787-042

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	800	60		mg/Kg	20	8/19/2021 6:56:34 PM	62072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/18/2021 9:22:33 PM	62021
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 9:22:33 PM	62021
Surr: DNOP	112	70-130		%Rec	1	8/18/2021 9:22:33 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 8:09:42 PM	61997
Surr: BFB	104	70-130		%Rec	1	8/18/2021 8:09:42 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/20/2021 12:52:20 AM	61997
Toluene	ND	0.049		mg/Kg	1	8/20/2021 12:52:20 AM	61997
Ethylbenzene	ND	0.049		mg/Kg	1	8/20/2021 12:52:20 AM	61997
Xylenes, Total	ND	0.097		mg/Kg	1	8/20/2021 12:52:20 AM	61997
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	8/20/2021 12:52:20 AM	61997

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		

Page 42 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-36A 6'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:32:00 PM

Lab ID: 2108787-043

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	320	60		mg/Kg	20	8/19/2021 7:08:59 PM	62072
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/18/2021 9:32:43 PM	62021
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 9:32:43 PM	62021
Surr: DNOP	104	70-130		%Rec	1	8/18/2021 9:32:43 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 9:20:31 PM	61997
Surr: BFB	104	70-130		%Rec	1	8/18/2021 9:20:31 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/18/2021 9:20:31 PM	61997
Toluene	ND	0.048		mg/Kg	1	8/18/2021 9:20:31 PM	61997
Ethylbenzene	ND	0.048		mg/Kg	1	8/18/2021 9:20:31 PM	61997
Xylenes, Total	ND	0.096		mg/Kg	1	8/18/2021 9:20:31 PM	61997
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	8/18/2021 9:20:31 PM	61997

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		

Page 43 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-37A 6'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:35:00 PM

Lab ID: 2108787-044

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	400	60		mg/Kg	20	8/20/2021 8:12:02 AM	62091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	8/18/2021 9:42:52 PM	62021
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	8/18/2021 9:42:52 PM	62021
Surr: DNOP	108	70-130		%Rec	1	8/18/2021 9:42:52 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/18/2021 9:44:07 PM	61997
Surr: BFB	105	70-130		%Rec	1	8/18/2021 9:44:07 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/18/2021 9:44:07 PM	61997
Toluene	ND	0.050		mg/Kg	1	8/18/2021 9:44:07 PM	61997
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2021 9:44:07 PM	61997
Xylenes, Total	ND	0.099		mg/Kg	1	8/18/2021 9:44:07 PM	61997
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	8/18/2021 9:44:07 PM	61997

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		

Page 44 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-38A 6'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:38:00 PM

Lab ID: 2108787-045

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	780	60		mg/Kg	20	8/20/2021 8:49:16 AM	62091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/18/2021 9:52:58 PM	62021
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 9:52:58 PM	62021
Surr: DNOP	110	70-130		%Rec	1	8/18/2021 9:52:58 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/18/2021 10:07:46 PM	61997
Surr: BFB	105	70-130		%Rec	1	8/18/2021 10:07:46 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/18/2021 10:07:46 PM	61997
Toluene	ND	0.048		mg/Kg	1	8/18/2021 10:07:46 PM	61997
Ethylbenzene	ND	0.048		mg/Kg	1	8/18/2021 10:07:46 PM	61997
Xylenes, Total	ND	0.096		mg/Kg	1	8/18/2021 10:07:46 PM	61997
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	8/18/2021 10:07:46 PM	61997

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		

Page 45 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-39A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:41:00 PM

Lab ID: 2108787-046

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	670	59		mg/Kg	20	8/20/2021 9:01:40 AM	62091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/18/2021 10:03:07 PM	62021
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/18/2021 10:03:07 PM	62021
Surr: DNOP	166	70-130	S	%Rec	1	8/18/2021 10:03:07 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 10:31:18 PM	61997
Surr: BFB	104	70-130		%Rec	1	8/18/2021 10:31:18 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/18/2021 10:31:18 PM	61997
Toluene	ND	0.049		mg/Kg	1	8/18/2021 10:31:18 PM	61997
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2021 10:31:18 PM	61997
Xylenes, Total	ND	0.097		mg/Kg	1	8/18/2021 10:31:18 PM	61997
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	8/18/2021 10:31:18 PM	61997

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		

Page 46 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-40A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:44:00 PM

Lab ID: 2108787-047

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	760	60		mg/Kg	20	8/20/2021 9:14:05 AM	62091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/18/2021 10:13:12 PM	62021
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 10:13:12 PM	62021
Surr: DNOP	148	70-130	S	%Rec	1	8/18/2021 10:13:12 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/18/2021 10:54:52 PM	61997
Surr: BFB	103	70-130		%Rec	1	8/18/2021 10:54:52 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/18/2021 10:54:52 PM	61997
Toluene	ND	0.047		mg/Kg	1	8/18/2021 10:54:52 PM	61997
Ethylbenzene	ND	0.047		mg/Kg	1	8/18/2021 10:54:52 PM	61997
Xylenes, Total	ND	0.095		mg/Kg	1	8/18/2021 10:54:52 PM	61997
Surr: 4-Bromofluorobenzene	97.5	70-130		%Rec	1	8/18/2021 10:54:52 PM	61997

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		

Page 47 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-41A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:47:00 PM

Lab ID: 2108787-048

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	690	60		mg/Kg	20	8/20/2021 9:26:30 AM	62091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/18/2021 10:23:18 PM	62021
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 10:23:18 PM	62021
Surr: DNOP	161	70-130	S	%Rec	1	8/18/2021 10:23:18 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 11:18:28 PM	61997
Surr: BFB	104	70-130		%Rec	1	8/18/2021 11:18:28 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/18/2021 11:18:28 PM	61997
Toluene	ND	0.049		mg/Kg	1	8/18/2021 11:18:28 PM	61997
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2021 11:18:28 PM	61997
Xylenes, Total	ND	0.098		mg/Kg	1	8/18/2021 11:18:28 PM	61997
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	8/18/2021 11:18:28 PM	61997

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		

Page 48 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-42A 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 1:50:00 PM

Lab ID: 2108787-049

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1200	60		mg/Kg	20	8/20/2021 9:38:55 AM	62091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/18/2021 10:33:22 PM	62021
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/18/2021 10:33:22 PM	62021
Surr: DNOP	104	70-130		%Rec	1	8/18/2021 10:33:22 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/18/2021 11:42:02 PM	61997
Surr: BFB	104	70-130		%Rec	1	8/18/2021 11:42:02 PM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	8/18/2021 11:42:02 PM	61997
Toluene	ND	0.050		mg/Kg	1	8/18/2021 11:42:02 PM	61997
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2021 11:42:02 PM	61997
Xylenes, Total	ND	0.10		mg/Kg	1	8/18/2021 11:42:02 PM	61997
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	8/18/2021 11:42:02 PM	61997

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 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S.SW-1 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 10:10:00 AM

Lab ID: 2108787-050

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2400	60		mg/Kg	20	8/20/2021 10:16:08 AM	62091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/18/2021 10:43:25 PM	62021
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 10:43:25 PM	62021
Surr: DNOP	111	70-130		%Rec	1	8/18/2021 10:43:25 PM	62021
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/19/2021 12:05:35 AM	61997
Surr: BFB	104	70-130		%Rec	1	8/19/2021 12:05:35 AM	61997
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	8/19/2021 12:05:35 AM	61997
Toluene	ND	0.048		mg/Kg	1	8/19/2021 12:05:35 AM	61997
Ethylbenzene	ND	0.048		mg/Kg	1	8/19/2021 12:05:35 AM	61997
Xylenes, Total	ND	0.096		mg/Kg	1	8/19/2021 12:05:35 AM	61997
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	8/19/2021 12:05:35 AM	61997

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		

Page 50 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S.SW-2 5'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 10:13:00 AM

Lab ID: 2108787-051

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1200	59		mg/Kg	20	8/20/2021 10:28:33 AM	62091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/18/2021 3:19:03 PM	62028
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/18/2021 3:19:03 PM	62028
Surr: DNOP	173	70-130	S	%Rec	1	8/18/2021 3:19:03 PM	62028
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/18/2021 2:45:00 PM	62002
Surr: BFB	102	70-130		%Rec	1	8/18/2021 2:45:00 PM	62002
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.024		mg/Kg	1	8/18/2021 2:45:00 PM	62002
Toluene	ND	0.047		mg/Kg	1	8/18/2021 2:45:00 PM	62002
Ethylbenzene	ND	0.047		mg/Kg	1	8/18/2021 2:45:00 PM	62002
Xylenes, Total	ND	0.095		mg/Kg	1	8/18/2021 2:45:00 PM	62002
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	8/18/2021 2:45:00 PM	62002

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		

Page 51 of 65

Analytical Report

Lab Order 2108787

Date Reported: 8/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S.SW-3 6'

Project: Amtrack State Com #1

Collection Date: 8/12/2021 10:16:00 AM

Lab ID: 2108787-052

Matrix: SOIL

Received Date: 8/14/2021 8:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1100	61		mg/Kg	20	8/20/2021 10:40:57 AM	62091
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	8/18/2021 3:48:43 PM	62028
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/18/2021 3:48:43 PM	62028
Surr: DNOP	124	70-130		%Rec	1	8/18/2021 3:48:43 PM	62028
EPA METHOD 8015D: GASOLINE RANGE							Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2021 3:45:00 PM	62002
Surr: BFB	102	70-130		%Rec	1	8/18/2021 3:45:00 PM	62002
EPA METHOD 8021B: VOLATILES							Analyst: mb
Benzene	ND	0.025		mg/Kg	1	8/18/2021 3:45:00 PM	62002
Toluene	ND	0.049		mg/Kg	1	8/18/2021 3:45:00 PM	62002
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2021 3:45:00 PM	62002
Xylenes, Total	ND	0.099		mg/Kg	1	8/18/2021 3:45:00 PM	62002
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	8/18/2021 3:45:00 PM	62002

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		

Page 52 of 65

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: MB-62055	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62055	RunNo: 80630								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2844466 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62055	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62055	RunNo: 80630								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2844467 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			

Sample ID: MB-62067	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62067	RunNo: 80638								
Prep Date: 8/19/2021	Analysis Date: 8/19/2021	SeqNo: 2845661 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62067	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62067	RunNo: 80638								
Prep Date: 8/19/2021	Analysis Date: 8/19/2021	SeqNo: 2845662 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.6	90	110			

Sample ID: MB-62072	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62072	RunNo: 80638								
Prep Date: 8/19/2021	Analysis Date: 8/19/2021	SeqNo: 2845691 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62072	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62072	RunNo: 80638								
Prep Date: 8/19/2021	Analysis Date: 8/19/2021	SeqNo: 2845692 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.7	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

Page 53 of 65

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: MB-62055	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62055	RunNo: 80641								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2845860 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62055	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62055	RunNo: 80641								
Prep Date: 8/18/2021	Analysis Date: 8/19/2021	SeqNo: 2845861 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Sample ID: MB-62091	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 62091	RunNo: 80680								
Prep Date: 8/20/2021	Analysis Date: 8/20/2021	SeqNo: 2846866 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-62091	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 62091	RunNo: 80680								
Prep Date: 8/20/2021	Analysis Date: 8/20/2021	SeqNo: 2846867 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

Page 54 of 65

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: LCS-61994	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 61994			RunNo: 80611						
Prep Date: 8/16/2021	Analysis Date: 8/17/2021			SeqNo: 2843834		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	103	68.9	141			
Surr: DNOP	5.1		5.000		103	70	130			

Sample ID: MB-61994	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 61994			RunNo: 80611						
Prep Date: 8/16/2021	Analysis Date: 8/17/2021			SeqNo: 2843835		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		124	70	130			

Sample ID: 2108787-011AMS	SampType: MS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: S-11A 5'	Batch ID: 62020			RunNo: 80620						
Prep Date: 8/17/2021	Analysis Date: 8/18/2021			SeqNo: 2844084		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	9.4	47.04	0	113	15	184			
Surr: DNOP	5.7		4.704		121	70	130			

Sample ID: 2108787-011AMSD	SampType: MSD			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: S-11A 5'	Batch ID: 62020			RunNo: 80620						
Prep Date: 8/17/2021	Analysis Date: 8/18/2021			SeqNo: 2844085		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	9.4	47.13	0	122	15	184	7.74	23.9	
Surr: DNOP	5.8		4.713		123	70	130	0	0	

Sample ID: 2108787-051AMSD	SampType: MSD			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: S.SW-2 5'	Batch ID: 62028			RunNo: 80620						
Prep Date: 8/17/2021	Analysis Date: 8/18/2021			SeqNo: 2844107		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	49.80	0	115	15	184	2.51	23.9	
Surr: DNOP	5.4		4.980		108	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

Page 55 of 65

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: MB-62020	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62020	RunNo: 80620								
Prep Date: 8/17/2021	Analysis Date: 8/18/2021	SeqNo: 2844114 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		124	70	130			

Sample ID: MB-62028	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62028	RunNo: 80620								
Prep Date: 8/17/2021	Analysis Date: 8/18/2021	SeqNo: 2844115 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	13		10.00		130	70	130			

Sample ID: 2108787-031AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-24A 5'	Batch ID: 62021	RunNo: 80620								
Prep Date: 8/17/2021	Analysis Date: 8/18/2021	SeqNo: 2844885 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	9.7	48.64	0	116	15	184			
Surr: DNOP	6.3		4.864		129	70	130			

Sample ID: MB-62021	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 62021	RunNo: 80620								
Prep Date: 8/17/2021	Analysis Date: 8/18/2021	SeqNo: 2844921 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	15		10.00		145	70	130			S

Sample ID: LCS-62020	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 62020	RunNo: 80662								
Prep Date: 8/17/2021	Analysis Date: 8/19/2021	SeqNo: 2845394 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	112	68.9	141			
Surr: DNOP	5.8		5.000		117	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 56 of 65

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: LCS-62028	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 62028		RunNo: 80662							
Prep Date: 8/17/2021	Analysis Date: 8/19/2021		SeqNo: 2845395		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	10	50.00	0	109	68.9	141			
Surr: DNOP	5.5		5.000		111	70	130			

Sample ID: 2108787-051AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: S.SW-2 5'	Batch ID: 62028		RunNo: 80662							
Prep Date: 8/17/2021	Analysis Date: 8/19/2021		SeqNo: 2845396		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	59	9.8	48.78	0	121	15	184			
Surr: DNOP	6.3		4.878		130	70	130			

Sample ID: LCS-62021	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 62021		RunNo: 80662							
Prep Date: 8/17/2021	Analysis Date: 8/19/2021		SeqNo: 2845399		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	120	68.9	141			
Surr: DNOP	5.9		5.000		119	70	130			

Sample ID: 2108787-031AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: S-24A 5'	Batch ID: 62021		RunNo: 80662							
Prep Date: 8/17/2021	Analysis Date: 8/19/2021		SeqNo: 2845400		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	9.9	49.55	0	112	15	184	1.80	23.9	
Surr: DNOP	6.0		4.955		120	70	130	0	0	

Sample ID: MB-62095	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 62095		RunNo: 80691							
Prep Date: 8/20/2021	Analysis Date: 8/20/2021		SeqNo: 2846661		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	11		10.00		106	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 57 of 65

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2108787

24-Aug-21

Client: Talon Artesia

Project: Amtrack State Com #1

Sample ID: LCS-62095		SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS		Batch ID: 62095			RunNo: 80691						
Prep Date: 8/20/2021		Analysis Date: 8/20/2021			SeqNo: 2846662		Units: mg/Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)		50	10	50.00	0	101	68.9	141			
Surr: DNOP		4.9		5.000		98.4	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 58 of 65

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: mb-61989	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 61989	RunNo: 80592								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842721 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	940		1000		94.0	70	130			

Sample ID: lcs-61989	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 61989	RunNo: 80592								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842722 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	114	78.6	131			
Surr: BFB	1100		1000		109	70	130			

Sample ID: 2108787-011ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-11A 5'	Batch ID: 61989	RunNo: 80592								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842724 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	4.9	24.41	0	126	61.3	114			S
Surr: BFB	1000		976.6		107	70	130			

Sample ID: 2108787-011amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S-11A 5'	Batch ID: 61989	RunNo: 80592								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842725 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.7	23.28	0	126	61.3	114	4.73	20	S
Surr: BFB	970		931.1		104	70	130	0	0	

Sample ID: mb-61984	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 61984	RunNo: 80594								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842804 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	980		1000		97.8	70	130			

Sample ID: lcs-61984	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 61984	RunNo: 80594								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842806 Units: mg/Kg								
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

Page 59 of 65

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: lcs-61984	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 61984			RunNo: 80594						
Prep Date: 8/16/2021	Analysis Date: 8/17/2021			SeqNo: 2842806		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	99.4	78.6	131			
Surr: BFB	1100		1000		112	70	130			

Sample ID: mb-61997	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 61997			RunNo: 80627						
Prep Date: 8/16/2021	Analysis Date: 8/18/2021			SeqNo: 2844245		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	1000		1000		102	70	130			

Sample ID: lcs-61997	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 61997			RunNo: 80627						
Prep Date: 8/16/2021	Analysis Date: 8/18/2021			SeqNo: 2844246		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	113	78.6	131			
Surr: BFB	1100		1000		114	70	130			

Sample ID: 2108787-031ams	SampType: MS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: S-24A 5'	Batch ID: 61997			RunNo: 80627						
Prep Date: 8/16/2021	Analysis Date: 8/18/2021			SeqNo: 2844248		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.9	24.68	0	113	61.3	114			
Surr: BFB	1200		987.2		120	70	130			

Sample ID: 2108787-031amsd	SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: S-24A 5'	Batch ID: 61997			RunNo: 80627						
Prep Date: 8/16/2021	Analysis Date: 8/18/2021			SeqNo: 2844249		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.8	24.15	0	106	61.3	114	8.03	20	
Surr: BFB	1200		966.2		121	70	130	0	0	

Sample ID: mb-62002	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 62002			RunNo: 80628						
Prep Date: 8/16/2021	Analysis Date: 8/18/2021			SeqNo: 2844295		Units: mg/Kg				
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#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: mb-62002	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 62002	RunNo: 80628								
Prep Date: 8/16/2021	Analysis Date: 8/18/2021	SeqNo: 2844295 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	1000		1000		104	70	130			

Sample ID: lcs-62002	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 62002	RunNo: 80628								
Prep Date: 8/16/2021	Analysis Date: 8/18/2021	SeqNo: 2844297 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	1200		1000		119	70	130			

Sample ID: 2108787-051ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S.SW-2 5'	Batch ID: 62002	RunNo: 80628								
Prep Date: 8/16/2021	Analysis Date: 8/18/2021	SeqNo: 2844299 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.8	24.08	0	106	61.3	114			
Surr: BFB	1100		963.4		117	70	130			

Sample ID: 2108787-051amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S.SW-2 5'	Batch ID: 62002	RunNo: 80628								
Prep Date: 8/16/2021	Analysis Date: 8/18/2021	SeqNo: 2844301 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.7	23.58	0	110	61.3	114	1.61	20	
Surr: BFB	1100		943.4		120	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

Page 61 of 65

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: mb-61989	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 61989	RunNo: 80592								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842769 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	0.88		1.000		88.4	70	130			

Sample ID: LCS-61989	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 61989	RunNo: 80592								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842770 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	94.0	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.1	80	120			
Surr: 4-Bromofluorobenzene	0.90		1.000		89.7	70	130			

Sample ID: 2108787-012ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-12A 5'	Batch ID: 61989	RunNo: 80592								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842773 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9634	0	110	80	120			
Toluene	1.1	0.048	0.9634	0	112	80	120			
Ethylbenzene	1.1	0.048	0.9634	0	112	80	120			
Xylenes, Total	3.2	0.096	2.890	0	112	80	120			
Surr: 4-Bromofluorobenzene	0.86		0.9634		89.4	70	130			

Sample ID: 2108787-012amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-12A 5'	Batch ID: 61989	RunNo: 80592								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842774 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9615	0	107	80	120	3.25	20	
Toluene	1.0	0.048	0.9615	0	109	80	120	3.78	20	
Ethylbenzene	1.0	0.048	0.9615	0	109	80	120	3.15	20	
Xylenes, Total	3.1	0.096	2.885	0	109	80	120	3.49	20	
Surr: 4-Bromofluorobenzene	0.87		0.9615		90.8	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

Page 62 of 65

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: mb-61984	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 61984	RunNo: 80594								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842968 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		87.0	70	130			

Sample ID: lcs-61984	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 61984	RunNo: 80594								
Prep Date: 8/16/2021	Analysis Date: 8/17/2021	SeqNo: 2842970 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.6	80	120			
Toluene	0.90	0.050	1.000	0	89.8	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	91.7	80	120			
Surr: 4-Bromofluorobenzene	0.88		1.000		88.3	70	130			

Sample ID: mb-62002	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 62002	RunNo: 80628								
Prep Date: 8/16/2021	Analysis Date: 8/18/2021	SeqNo: 2844329 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	0.95		1.000		95.3	70	130			

Sample ID: lcs-62002	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 62002	RunNo: 80628								
Prep Date: 8/16/2021	Analysis Date: 8/18/2021	SeqNo: 2844331 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	93.0	80	120			
Toluene	0.93	0.050	1.000	0	93.2	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.7	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.8	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 63 of 65

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

Sample ID: 2108787-052ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: S.SW-3 6'	Batch ID: 62002	RunNo: 80628								
Prep Date: 8/16/2021	Analysis Date: 8/18/2021	SeqNo: 2844337 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	0.9891	0	91.1	80	120			
Toluene	0.92	0.049	0.9891	0	93.4	80	120			
Ethylbenzene	0.95	0.049	0.9891	0	96.2	80	120			
Xylenes, Total	2.9	0.099	2.967	0	96.9	80	120			
Surr: 4-Bromofluorobenzene	0.93		0.9891		94.1	70	130			

Sample ID: 2108787-052amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: S.SW-3 6'	Batch ID: 62002	RunNo: 80628								
Prep Date: 8/16/2021	Analysis Date: 8/18/2021	SeqNo: 2844339 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	0.9804	0	88.9	80	120	3.31	20	
Toluene	0.90	0.049	0.9804	0	91.3	80	120	3.17	20	
Ethylbenzene	0.92	0.049	0.9804	0	93.9	80	120	3.32	20	
Xylenes, Total	2.8	0.098	2.941	0	94.6	80	120	3.25	20	
Surr: 4-Bromofluorobenzene	0.96		0.9804		97.6	70	130	0	0	

Sample ID: mb-61997	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 61997	RunNo: 80667								
Prep Date: 8/16/2021	Analysis Date: 8/19/2021	SeqNo: 2845629 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	0.98		1.000		98.3	70	130			

Sample ID: lcs-61997	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 61997	RunNo: 80667								
Prep Date: 8/16/2021	Analysis Date: 8/19/2021	SeqNo: 2845630 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	92.6	80	120			
Toluene	0.94	0.050	1.000	0	93.5	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.0	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		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#: 2108787

24-Aug-21

Client: Talon Artesia
Project: Amtrack State Com #1

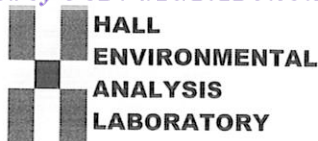
Sample ID: 2108787-032ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-25A 5'	Batch ID: 61997	RunNo: 80667								
Prep Date: 8/16/2021	Analysis Date: 8/19/2021	SeqNo: 2845633	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.023	0.9259	0	88.1	80	120			
Toluene	0.84	0.046	0.9259	0	91.3	80	120			
Ethylbenzene	0.85	0.046	0.9259	0	92.0	80	120			
Xylenes, Total	2.6	0.093	2.778	0	92.2	80	120			
Surr: 4-Bromofluorobenzene	0.94		0.9259		101	70	130			

Sample ID: 2108787-032amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-25A 5'	Batch ID: 61997	RunNo: 80667								
Prep Date: 8/16/2021	Analysis Date: 8/19/2021	SeqNo: 2845634	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.023	0.9372	0	90.6	80	120	4.03	20	
Toluene	0.86	0.047	0.9372	0	92.1	80	120	2.09	20	
Ethylbenzene	0.86	0.047	0.9372	0	92.1	80	120	1.37	20	
Xylenes, Total	2.6	0.094	2.812	0	91.3	80	120	0.222	20	
Surr: 4-Bromofluorobenzene	0.93		0.9372		99.2	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



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: 2108787

RcptNo: 1

Received By: Isaiah Ortiz 8/14/2021 8:35:00 AM

Completed By: Isaiah Ortiz 8/14/2021 9:59:45 AM

Reviewed By: CP

8/14/21

I-OX

I-OX

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: _____

TO
8-14-21

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	2.9	Good	Not Present			

Chain-of-Custody Record

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

Project Name:

Amtrack State Com #1 (Amtrack)

Project #:

700438.251.01

Project Manager:

R. Pons

Sampler: J. Carnes M. Collier

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 7.9°C ± 0.1°C

Container Type and #

Preservative Type

HEAL No. 7108787

Glass Jar

Ice/Cool

013

Date Time Matrix Sample Name

8/10/2021 11:28 Soil S-13A 5'

11:31 S-14A 5'

1:10 S-19A 5'

1:13 S-20A 5'

1:16 S-21A 5'

1:10 N.SW-1 5'

1:13 N.SW-2 5'

1:16 N.SW-3 5'

1:19 E.SW-1 5'

1:22 E.SW-2 5'

8/12/2021 10:17 W.SW-1 6'

10:20 W.SW-2 5'

Date Time Relinquished by:

8/13/21 1030 [Signature]

Date Time Relinquished by:

8/13/21 1900 [Signature]

Received by: Via:

Date Time

8/13/21 1030

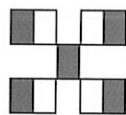
Received by: Via:

Date Time

8/13/21 0835

Remarks: Page 2 of 5 Bill Direct to EOG

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

C H L O R I D E S

B T E X

X X X

014

015

016

017

018

019

020

021

022

023

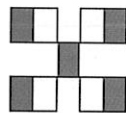
024

Chain-of-Custody Record		Turn-Around Time: 4-Day
Client: Talon LPE		<input type="checkbox"/> Standard <input type="checkbox"/> Rush
Mailing Address: 408 W. Texas Ave		Project Name:
Artesia, NM 88210		Amtrack State Com #1 (Amtrack)
Phone #: 575.746.8768		Project #: 700438.251.01
email or Fax#:		Project Manager: R. Pons
QA/QC Package:		
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		
Accreditation: <input type="checkbox"/> Az Compliance		Sampler: J. Carnes
<input type="checkbox"/> NELAC <input type="checkbox"/> Other		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> EDD (Type)		# of Coolers: 1

Turn-Around Time:	4-Day
<input type="checkbox"/> Standard	<input type="checkbox"/> Rush
Project Name:	
Amtrack State Com #1 (Amtrack)	
Project #:	
	700438.251.01
Project Manager:	R. Pons
Sampler: J. Carnes	
On Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
# of Coolers:	1

Chain-of-Custody Record	
Client:	Talon LPE
Mailing Address:	408 W. Texas Ave
Artesia, NM	88210
Phone #:	575.746.8768
email or Fax#:	
QA/QC Package:	<input type="checkbox"/> Level 4 (Full Validation)
<input type="checkbox"/> Standard	<input type="checkbox"/> Level 4 (Full Validation)
Accreditation:	<input type="checkbox"/> Az Compliance
<input type="checkbox"/> NELAC	<input type="checkbox"/> Other _____
<input type="checkbox"/> EDD (Type) _____	_____

Released to Imaging: 5/20/2022 9:30:20 AM



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

email or Fax#:		Project Manager:		R. Pons	
QA/QC Package:					
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)					
Accreditation:		<input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other _____			
<input type="checkbox"/> EDD (Type) _____					
Date	Time	Matrix	Sample Name		
8/12/2021	10:30	Soil	S-15A 5'		
	10:33		S-16A 5'		
	10:36		S-17A 5'		
	10:39		S-18A 5'		
	12:50		S-22A 5'		
	12:53		S-23A 5'		
	12:56		S-24A 5'		
	12:59		S-25A 5'		
	1:02		S-26A 5'		
	1:05		S-27A 5'		
	1:08		S-28A 5'		
	1:11		S-29A 5'		

Remarks: Page 3 of 5 Bill Direct to EOG

Date:	Time:	Relinquished by:	Received by:	Via:	Date:	Time:
8/13/21	1030	[Signature]	[Signature]		8/13/21	1030
8/13/21	1900	[Signature]	[Signature]		8-14-21	0835

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.

Chain-of-Custody Record

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

Project Name:

Amtrack State Com #1 (Amtrack)

Project #:

700438.251.01

Project Manager:

R. Pons

Sampler: J. Carnes

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 29.5°F

Container Type and #

Preservative Type

HEAL No.

CHLORIDE S

BTETX

Glass Jar

Ice/Cool

037

038

039

040

041

042

043

044

045

046

047

048

Date: 8/12/2021

Time: 1:14

Matrix: Soil

Sample Name: S-30A 6'

Date: 8/12/2021

Time: 1:17

Matrix: Soil

Sample Name: S-31A 6'

Date: 8/12/2021

Time: 1:20

Matrix: Soil

Sample Name: S-32A 5'

Date: 8/12/2021

Time: 1:23

Matrix: Soil

Sample Name: S-33A 5'

Date: 8/12/2021

Time: 1:26

Matrix: Soil

Sample Name: S-34A 5'

Date: 8/12/2021

Time: 1:29

Matrix: Soil

Sample Name: S-35A 5'

Date: 8/12/2021

Time: 1:32

Matrix: Soil

Sample Name: S-36A 6'

Date: 8/12/2021

Time: 1:35

Matrix: Soil

Sample Name: S-37A 6'

Date: 8/12/2021

Time: 1:38

Matrix: Soil

Sample Name: S-38A 6'

Date: 8/12/2021

Time: 1:41

Matrix: Soil

Sample Name: S-39A 5'

Date: 8/12/2021

Time: 1:44

Matrix: Soil

Sample Name: S-40A 5'

Date: 8/12/2021

Time: 1:47

Matrix: Soil

Sample Name: S-41A 5'

Date: 8/12/2021

Time: 1:47

Matrix: Soil

Sample Name: S-41A 5'

Date: 8/12/2021

Time: 1:47

Matrix: Soil

Sample Name: S-41A 5'

Date: 8/12/2021

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Matrix: Soil

Sample Name: S-41A 5'

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Sample Name: S-41A 5'

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Sample Name: S-41A 5'

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Date: 8/12/2021

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Matrix: Soil

Sample Name: S-41A 5'

Date: 8/12/2021

Time: 1:47

Matrix: Soil

Sample Name: S-41A 5'

Date: 8/12/2021

Time: 1:47

Matrix: Soil

Sample Name: S-41A 5'

Date: 8/12/2021

Time: 1:47



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Chain-of-Custody Record

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
Project Name:

Amtrack State Com #1 (Amtrack)

Project #:

700438.251.01

Project Manager: R. Pons

Sampler: J. Carnes

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 29.50

Container Type and #
Glass Jar
Preservative Type
Ice/Cool
HEAL No.
2108787

Date Time Matrix Sample Name

8/12/2021 1:50 Soil S-42A 5'

10:10 S-SW-1 5'

10:13 S-SW-2 5'

10:16 S-SW-3 6'

Date: 8/13/21 Time: 1030 Relinquished by: [Signature]

Date: 8/13/21 Time: 1900 Relinquished by: [Signature]

Received by: [Signature] Via: [Signature] Date: 8/13/21 Time: 1030

Received by: [Signature] Via: [Signature] Date: 8-14-21 Time: 0835

Remarks: Page 5 of 5 Bill Direct to EOG



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

March 31, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: AMTRACK

Enclosed are the results of analyses for samples received by the laboratory on 03/28/22 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/28/2022
 Reported: 03/31/2022
 Project Name: AMTRACK
 Project Number: 700438.25.01
 Project Location: EOG - EDDY CO.

Sampling Date: 03/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 1 (H221224-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTEX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	03/30/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.3 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/28/2022
 Reported: 03/31/2022
 Project Name: AMTRACK
 Project Number: 700438.25.01
 Project Location: EOG - EDDY CO.

Sampling Date: 03/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 (H221224-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTEx	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/30/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/28/2022
 Reported: 03/31/2022
 Project Name: AMTRACK
 Project Number: 700438.25.01
 Project Location: EOG - EDDY CO.

Sampling Date: 03/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3 (H221224-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52		
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/30/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/28/2022
 Reported: 03/31/2022
 Project Name: AMTRACK
 Project Number: 700438.25.01
 Project Location: EOG - EDDY CO.

Sampling Date: 03/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 (H221224-04)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	03/30/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/28/2022
 Reported: 03/31/2022
 Project Name: AMTRACK
 Project Number: 700438.25.01
 Project Location: EOG - EDDY CO.

Sampling Date: 03/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 (H221224-05)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	03/30/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/28/2022
 Reported: 03/31/2022
 Project Name: AMTRACK
 Project Number: 700438.25.01
 Project Location: EOG - EDDY CO.

Sampling Date: 03/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 (H221224-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/31/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/28/2022
 Reported: 03/31/2022
 Project Name: AMTRACK
 Project Number: 700438.25.01
 Project Location: EOG - EDDY CO.

Sampling Date: 03/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 (H221224-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/31/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/28/2022
 Reported: 03/31/2022
 Project Name: AMTRACK
 Project Number: 700438.25.01
 Project Location: EOG - EDDY CO.

Sampling Date: 03/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 8 (H221224-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/30/2022	ND	2.04	102	2.00	7.52	
Toluene*	<0.050	0.050	03/30/2022	ND	2.05	103	2.00	7.29	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.93	96.7	2.00	7.77	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.01	100	6.00	6.93	
Total BTX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/31/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/28/2022
 Reported: 03/31/2022
 Project Name: AMTRACK
 Project Number: 700438.25.01
 Project Location: EOG - EDDY CO.

Sampling Date: 03/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 9 (H221224-09)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2022	ND	2.01	100	2.00	6.96	
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58	
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88	
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99	
Total BTX	<0.300	0.300	03/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/31/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/28/2022
 Reported: 03/31/2022
 Project Name: AMTRACK
 Project Number: 700438.25.01
 Project Location: EOG - EDDY CO.

Sampling Date: 03/28/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 10 (H221224-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2022	ND	2.01	100	2.00	6.96		
Toluene*	<0.050	0.050	03/31/2022	ND	2.00	99.9	2.00	7.58		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.90	95.1	2.00	6.88		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	5.90	98.4	6.00	6.99		
Total BTEX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/31/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/30/2022	ND	211	106	200	9.62	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	236	118	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

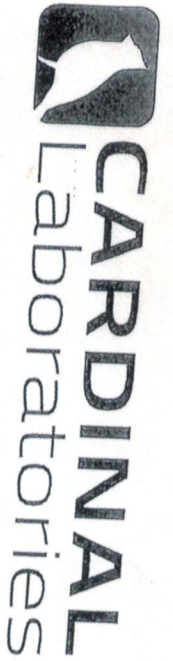
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE
Project Manager:

Address: 408 W. Texas Ave
City: Artesia

Phone #: 575.746.8768 State: NM zip: 88210
Fax #:

Project #: 700488.25.61 Project Owner: EOG

Project Name: AM track.
Project Location: CDD4.

Sample Name: A. P. 144

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H201024

SW-1

SW-2

SW-3

SW-4

SW-5

SW-6

SW-7

SW-8

SW-9

SW-10

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

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April 20, 2022

REBECCA PONS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: AMTRACK STATE COM 1

Enclosed are the results of analyses for samples received by the laboratory on 04/18/22 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	03/30/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	AMTRACK STATE COM 1	Sampling Condition:	Cool & Intact
Project Number:	700438.251.01	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO.		

Sample ID: S - 1 A 4' (H221589-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	04/19/2022	ND	416	104	400	0.00	

Sample ID: S - 2 A 4' (H221589-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	04/19/2022	ND	416	104	400	0.00	

Sample ID: S - 3 A 4' (H221589-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	04/19/2022	ND	416	104	400	0.00	

Sample ID: S - 4 A 4' (H221589-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	04/19/2022	ND	416	104	400	0.00	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	03/30/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	AMTRACK STATE COM 1	Sampling Condition:	Cool & Intact
Project Number:	700438.251.01	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO.		

Sample ID: S - 5 A 4' (H221589-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	04/19/2022	ND	416	104	400	0.00		

Sample ID: S - 6 A 4' (H221589-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	04/19/2022	ND	416	104	400	0.00		

Sample ID: S - 7 A 4' (H221589-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	04/19/2022	ND	416	104	400	0.00	

Sample ID: S - 8 A 4' (H221589-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	04/19/2022	ND	416	104	400	0.00	

Sample ID: S - 9 A 4' (H221589-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	04/19/2022	ND	416	104	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	03/30/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	AMTRACK STATE COM 1	Sampling Condition:	Cool & Intact
Project Number:	700438.251.01	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO.		

Sample ID: S - 10 A 4' (H221589-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	04/19/2022	ND	416	104	400	0.00		

Sample ID: S - 11 A 4' (H221589-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	04/19/2022	ND	416	104	400	0.00	

Sample ID: S - 12 A 4' (H221589-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1250	16.0	04/19/2022	ND	416	104	400	0.00		

Sample ID: S - 13 A 4' (H221589-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	976	16.0	04/19/2022	ND	416	104	400	0.00		

Sample ID: S - 14 A 4' (H221589-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	04/19/2022	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/18/2022	Sampling Date:	03/30/2022
Reported:	04/20/2022	Sampling Type:	Soil
Project Name:	AMTRACK STATE COM 1	Sampling Condition:	Cool & Intact
Project Number:	700438.251.01	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY CO.		

Sample ID: S - 15 A 4' (H221589-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	04/19/2022	ND	416	104	400	0.00		

Sample ID: S - 16 A 4' (H221589-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	04/19/2022	ND	416	104	400	0.00		

Sample ID: S - 17 A 4' (H221589-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	04/19/2022	ND	416	104	400	0.00	

Sample ID: S - 18 A 4' (H221589-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	04/19/2022	ND	416	104	400	0.00		

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE

Project Manager: R. Potts

Address: 408 W. Texas Ave

City: Artesia

Phone #: 575.746.8768

State: NM zip: 88210

Project #: 700438.251.01 Project Owner: EOG

Project Name: Antack State Cor 1

Project Location: Eddy County, NM

Sampler Name: A. Parra

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

MATRIX

PRESERV

SAMPLING

Lab I.D. Sample I.D.

H221589

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

Chlorides

PH Removed

BY EX TO: 4/18/22

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Relinquished By: *[Signature]* Date: 4/18/22 Received By: *[Signature]* Date: 4/18/22

Relinquished By: *[Signature]* Date: 4/18/22 Received By: *[Signature]* Date: 4/18/22

Delivered By: (Circle One) *Matthew Bonet* Time: 2:07 Received By: *Matthew Bonet* Time: 2:07

Sampler - UPS - Bus - Other: *4.16 C-0.52* Sample Condition: *Intact* Checked By: *[Signature]* (Initials) *4.16*

REMARKS: *Bill: Chase - settle @ eogresources.com*

Phone Result: ☐ Yes ☐ No Add'l Phone #: *2-day*

Fax Result: ☐ Yes ☐ No Add'l Fax #: *pg 1 of 2*



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE

Project Manager: R. Pons

Address: 408 W. Texas Ave

City: Artesia

Phone #: 575.746.8768

Project #: 700438.251.01

Project Name: Amtrak State Can 1

Project Location: Eddy County, NH

Sampler Name: A. Parra

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H224589

11

12

13

14

15

16

17

18

5-11A 4'

5-12A 4'

5-13A 4'

5-14A 4'

5-15A 4'

5-16A 4'

5-17A 4'

5-18A 4'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

3-30-22

2:50

2:55

3:00

3:05

3:10

3:15

3:20

3:25

Chlorides

TPH Removed

BTEX 4/18/22 TO.

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Phone Result:

Fax Result:

REMARKS:

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

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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 101678

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 101678
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	5/20/2022