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TALON LPE

Remediation and Closure Report

Weems #001 Battery
Eddy County, New Mexico
API # 30-015-24827

Prepared For:

Devon Energy Production Company
6488 Seven Rivers Hwy
Artesia, New Mexico 88210

Prepared By:

TALON/LPE
408 West Texas Avenue
Artesia, New Mexico 88210

March 31, 2020

Mr. Mike Bratcher
NMOCD District 2
811 S. 1st Street
Artesia, NM 88210

Subject: **Remediation and Closure Report**
Weems #001 Battery
Eddy County, NM
API # 30-015-24827

Dear Mr. Bratcher,

Devon Energy Production Company (Devon) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above-referenced location. The results of our site assessment and remediation activities are contained herein.

Site Information

The Weems #001 Battery is located approximately 4.5 miles southeast of Carlsbad, New Mexico. The legal location for this release is Unit Letter C, Section 27, Township 22 South and Range 27 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.368151 North and -104.181767 West. Site plans 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 Reagan loam, 0 to 1 percent slopes. The referenced soil data is attached in Appendix II. The local surface and shallow geology is Holocene to upper Pleistocene in age and is comprised of alluvial deposits. Drainage courses in this area are typically dry. The project site is not located in a high Karst potential area (Figure 5, Appendix I).

Groundwater and Site Characterization

The New Mexico Office of the State Engineer web site indicates that the nearest reported depth to groundwater is 40-feet below ground surface (BGS). See Appendix II for the referenced groundwater data.

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

Approximate Depth to Groundwater	40 Feet/BGS
☐Yes ☒No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
☐Yes ☒No	Within 200 feet of any lakebed, sinkhole or a playa lake
☐Yes ☒No	Within 300 feet from an occupied permanent residence, school, hospital, institution or church
☐Yes ☒No	Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes
☐Yes ☒No	Within 1000 feet of any freshwater well or spring
☐Yes ☒No	Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
☐Yes ☒No	Within 300 feet of a wetland
☐Yes ☒No	Within the area overlying a subsurface mine
☐Yes ☒No	Within an unstable area
☐Yes ☒No	Within a 100-year floodplain

As this incident occurred in an area with a depth to groundwater of less than 50-feet BGS, the closure criteria for this site is as follows:

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

Incident Description

On July 29, 2019, 81 barrels (bbls) of crude oil (63 of which were recovered) and 92 bbls of produced water (72 bbls recovered) were released when a heater treater over pressured and ruptured. An initial C-141 was submitted on July 30, 2019 and is provided in Appendix III. No RP or Incident Number has been issued to date by NMOCD.

Site Assessment

On August 7, 2019, Talon mobilized personnel to begin site assessment and soil sampling activities. Grab soil samples were initially collected from the impacted area utilizing a hand auger. Based on the subsequent analytics, soil borings were collected on August 13, 2019, with the aid of a Geoprobe (direct push rig technology). Analytical results from our initial sampling events are presented in the following data table. Initial site assessment sampling locations are illustrated on Figure 3, Appendix I, and boring logs are attached in Appendix IV. Complete laboratory reports can be found in Appendix VI.

Table 1 : *Initial Soil Sample Analysis*

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	**Total TPH** (mg/kg)	Cl (mg/kg)
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
S-1	0-1	8/7/2019	ND	ND	ND	30	52	82.0	ND
S-2	0-1	8/7/2019	ND	ND	ND	49	55	104.0	220
S-3	0-1	8/7/2019	ND	ND	ND	ND	ND	-	210
S-4	0-1	8/7/2019	ND	ND	ND	ND	ND	-	ND
S-5	0-1	8/7/2019	ND	ND	ND	ND	ND	-	130
S-6	0-1	8/7/2019	ND	ND	ND	ND	ND	-	ND
S-7	0-1	8/7/2019	ND	ND	ND	120	150	270.0	1300
	2	8/13/2019	ND	ND	ND	ND	ND	-	16
	3	8/13/2019	ND	ND	ND	ND	ND	-	16
	4	8/13/2019	ND	ND	ND	ND	ND	-	32
	6	8/13/2019	ND	ND	ND	ND	ND	-	896
	8	8/13/2019	ND	ND	ND	ND	ND	-	1500
	10	8/13/2019	ND	ND	ND	ND	ND	-	832
	12	8/13/2019	ND	ND	ND	ND	ND	-	1220
	14	8/13/2019	ND	ND	ND	ND	ND	-	912
	16	8/13/2019	ND	ND	ND	ND	ND	-	640
	18	8/13/2019	ND	ND	ND	ND	ND	-	624
	20	8/13/2019	ND	ND	ND	ND	ND	-	352
S-8	0-1	8/7/2019	52.2	ND	700	15000	5600	21300.0	8500
	2	8/7/2019	ND	ND	ND	1900	850	2750.0	2100
	3	8/7/2019	ND	ND	ND	200	140	340.0	660
	4	8/7/2019	ND	ND	ND	420	250	670.0	1300
	4.5	8/7/2019	ND	ND	ND	320	190	510.0	1400
	6	8/13/2019	ND	ND	ND	60.6	ND	60.6	816
	8	8/13/2019	ND	ND	ND	206	40.2	246.2	2000
	10	8/13/2019	ND	ND	ND	ND	ND	-	288
	12	8/13/2019	ND	ND	ND	ND	ND	-	208
	14	8/13/2019	ND	ND	ND	ND	ND	-	64
	16R	8/13/2019	ND	ND	ND	ND	ND	-	208
S-9	0-1	8/8/2019	0.13	ND	ND	480	440	920.0	9800

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
B-1	0-1	8/8/2019	9.81	ND	150	12000	5000	17150.0	28000
	2	8/8/2019	ND	ND	ND	ND	ND	-	600
	3	8/8/2019	ND	ND	ND	ND	ND	-	67
	4	8/8/2019	ND	ND	ND	ND	ND	-	82
	5	8/8/2019	3.39	ND	57	4400	2500	6957.0	7900
	6	8/8/2019	ND	ND	ND	13	ND	13.0	100
	7	8/8/2019	ND	ND	ND	ND	ND	-	62
	8	8/8/2019	ND	ND	ND	ND	ND	-	0.67
B-2	0-1	8/8/2019	1.2	ND	26	5100	2600	7726.0	19000
	3	8/8/2019	ND	ND	ND	ND	ND	-	160
	4	8/8/2019	ND	ND	ND	ND	ND	-	170
	5	8/8/2019	ND	ND	ND	110	77	187.0	350
	6	8/8/2019	ND	ND	ND	33	ND	33.0	200
	7	8/8/2019	ND	ND	ND	20	ND	20.0	160
	8	8/8/2019	ND	ND	ND	40	ND	40.0	170
B-3	0-1	8/8/2019	10.02	ND	140	11000	5400	16540.0	18000
	2	8/8/2019	ND	ND	ND	63	ND	63.0	690
	3	8/8/2019	ND	ND	ND	33	ND	33.0	120
	4	8/8/2019	ND	ND	ND	71	ND	71.0	150
	5	8/8/2019	10.04	ND	12	1700	800	2512.0	3500
	6	8/8/2019	ND	ND	ND	ND	ND	-	ND
	7	8/8/2019	ND	ND	ND	ND	ND	-	ND
	8	8/8/2019	ND	ND	ND	ND	ND	-	ND

ND = Not Detected

Based on the results of our site assessment and upon client authorization, excavation activities commenced in December 2019. Confirmation samples were collected in order to confirm that NMOCD closure criteria had been met, the results of which can be found in the following data table. Confirmation sample locations and excavation dimensions can be found on Figure 4 in Appendix I. Complete laboratory reports are attached in Appendix VI.

Table 2: *Confirmation Soil Sample Analysis*

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
SW-1	2	12/16/2019	ND	ND	ND	ND	ND	-	11.6
SW-2	2	12/16/2019	0.000768	ND	ND	ND	ND	-	12.5
SW-3	2	12/16/2019	0.000568	ND	ND	ND	ND	-	2.82
SW-4	2	12/16/2019	ND	ND	ND	11.4	ND	11.4	95.7
SW-5	2	12/16/2019	ND	ND	ND	11.8	ND	11.8	533
SW-6	2	12/16/2019	ND	ND	ND	ND	ND	-	62
SW-7	2	12/19/2019	ND	ND	ND	ND	ND	-	2100
	2	12/24/2019	NT	NT	NT	NT	NT	-	114
SW-8	2	12/19/2019	ND	ND	ND	ND	ND	-	ND
SW-9	2	12/19/2019	ND	ND	ND	ND	ND	-	670
	3	12/24/2019	NT	NT	NT	NT	NT	-	186
SW-10	2	12/19/2019	ND	ND	ND	ND	ND	-	ND
BC-1	2	12/16/2019	0.0102	ND	ND	141	18.4	159.4	681
	3	12/19/2019	NT	NT	ND	ND	ND	-	ND
	4	12/19/2019	NT	NT	ND	ND	ND	-	66
BC-2	2	12/16/2019	ND	ND	ND	55.6	ND	55.6	341
BC-3	2	12/16/2019	ND	ND	ND	15.2	ND	15.2	19.3
BC-4	2	12/16/2019	ND	ND	ND	16.9	ND	16.9	1080
	3	12/19/2019	NT	NT	NT	NT	NT	-	200
	4	12/19/2019	NT	NT	NT	NT	NT	-	230
	5	12/19/2019	NT	NT	NT	NT	NT	-	270
BC-5	2	12/16/2019	ND	ND	ND	29.3	ND	29.3	18.9
BC-6	2	12/16/2019	0.00276	ND	ND	11.7	ND	11.7	3590
	3	12/19/2019	NT	NT	NT	NT	NT	-	87
	4	12/19/2019	NT	NT	NT	NT	NT	-	ND
	5	12/19/2019	NT	NT	NT	NT	NT	-	ND
BC-7	2	12/16/2019	ND	ND	ND	12	ND	12.0	1680
	3	12/19/2019	NT	NT	NT	NT	NT	-	ND
	4	12/19/2019	NT	NT	NT	NT	NT	-	ND
	5	12/19/2019	NT	NT	NT	NT	NT	-	ND
BC-8	2	12/16/2019	ND	ND	ND	40.6	ND	40.6	2530
	3	12/19/2019	NT	NT	NT	NT	NT	-	150
	4	12/19/2019	NT	NT	NT	NT	NT	-	ND
	5	12/19/2019	NT	NT	NT	NT	NT	-	ND

Sample ID	Depth (ft.)	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (mg/kg)	Cl (mg/kg)
Closure Criteria 19.15.29.12 NMAC			50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
BC-9	1	12/16/2019	ND	ND	ND	ND	ND	-	73.5
BC-10	2	12/16/2019	ND	ND	15.3	79	11.9	106.2	764
	3	12/19/2019	NT	NT	ND	ND	ND	-	ND
	4	12/19/2019	NT	NT	ND	ND	ND	-	ND
BC-11	1	12/16/2019	0.0006	ND	ND	17.7	ND	17.7	102

ND = Not Detected NT = Not Tested
SW = Sidewall Soil Sample
BC = Bottom Confirmation Soil Sample

Remedial Actions

- The impacted areas in the vicinity of sample points BC-9 and BC-11 were excavated to a total depth of 1.0-feet BGS.
- The areas near sample points BC-2, BC-3 and BC-5 were excavated to 2.0-foot BGS.
- The impacted area surrounding sample points BC-1, BC-4, BC-6, BC-7, BC-8 and BC-10 was removed to a depth of 3.0-feet.
- Confirmation samples were obtained from the sidewalls and bottoms of the excavated areas to verify that all contaminants above closure criteria had been removed. Sidewall excavations continued until closure criteria was met. The results are shown on Table 2 and the corresponding lab reports may be found in Appendix VI.
- All the excavated material (542.95 tons of contaminated soil) was hauled to Lea Land, LLC, a NMOCD approved solid waste disposal facility. Disposal Manifest are appended (Appendix VII).
- The excavated areas on the well pad were backfilled with topsoil at depth followed by 1.5-feet of new caliche to grade, machine compacted and contoured to match the surrounding location. The farmland excavation to the southwest of the location was backfilled with topsoil.
- The Final C-141 formally documenting the remedial actions is attached in Appendix III.

Closure

Based on the site assessment, remedial actions and confirmation sampling results completed for this project, on behalf of Devon Energy we request that no further actions 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

Brandon Sinclair
Environmental Scientist

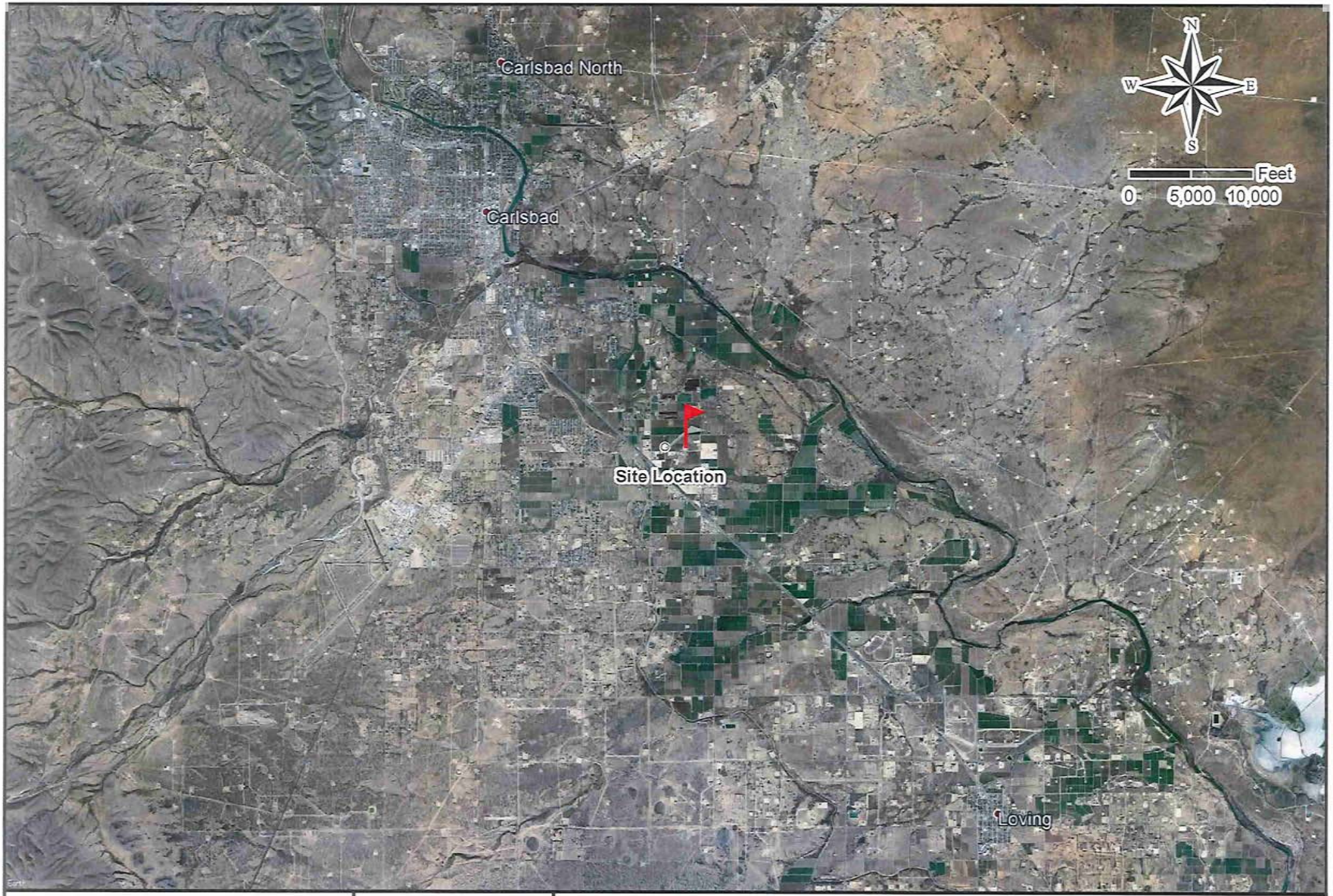
David J. Adkins
District Manager

Attachments:

Appendix I Site Maps
Appendix II Soil Survey, Groundwater Data
Appendix III Initial and Final C-141
Appendix IV Boring Logs
Appendix V Photographic Documentation
Appendix VI Laboratory Data
Appendix VII Disposal Manifests

APPENDIX I

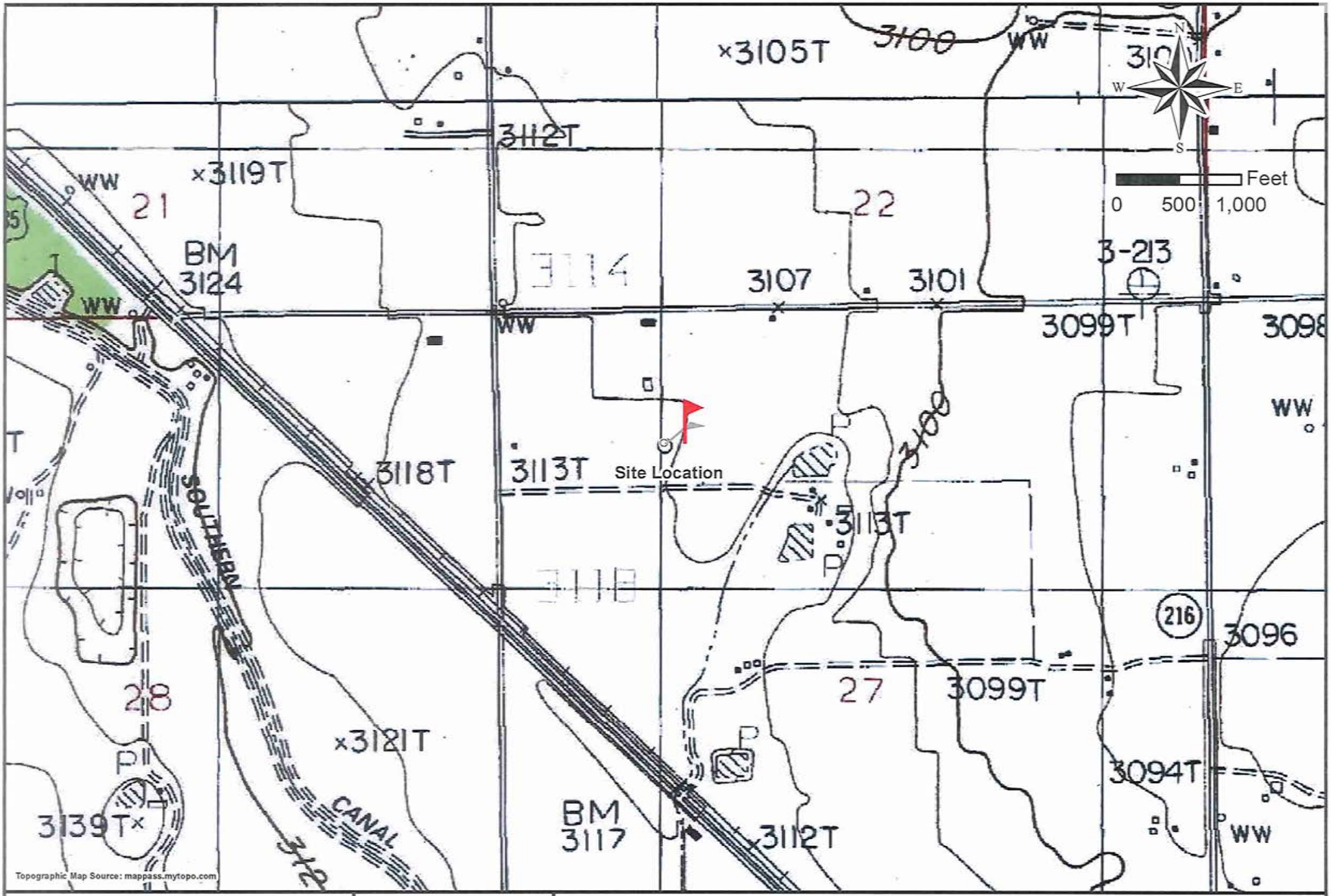
SITE MAPS



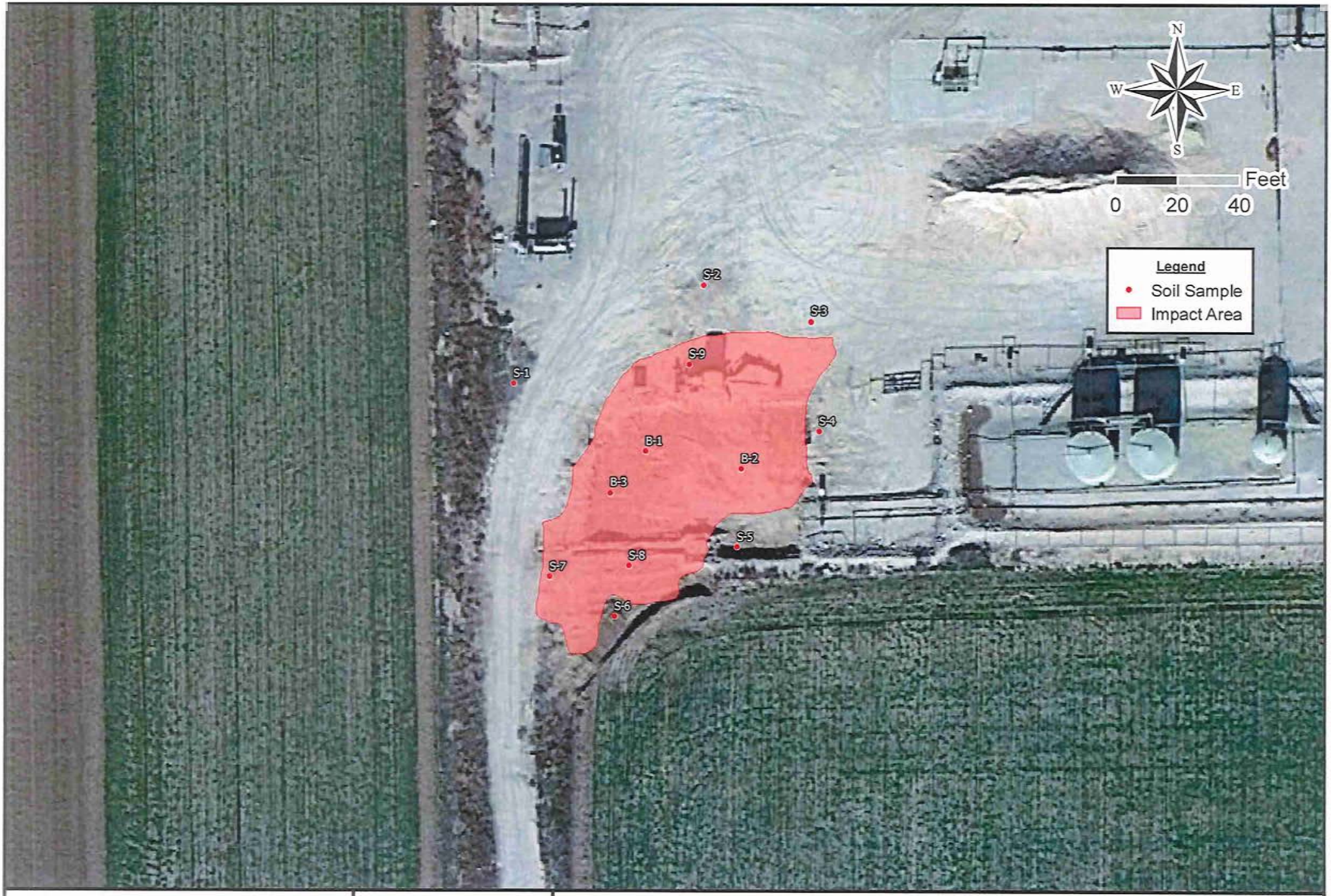
TALON LPE

Drafted: 4/6/2020
1 in = 10,000 ft
Drafted By: JAI

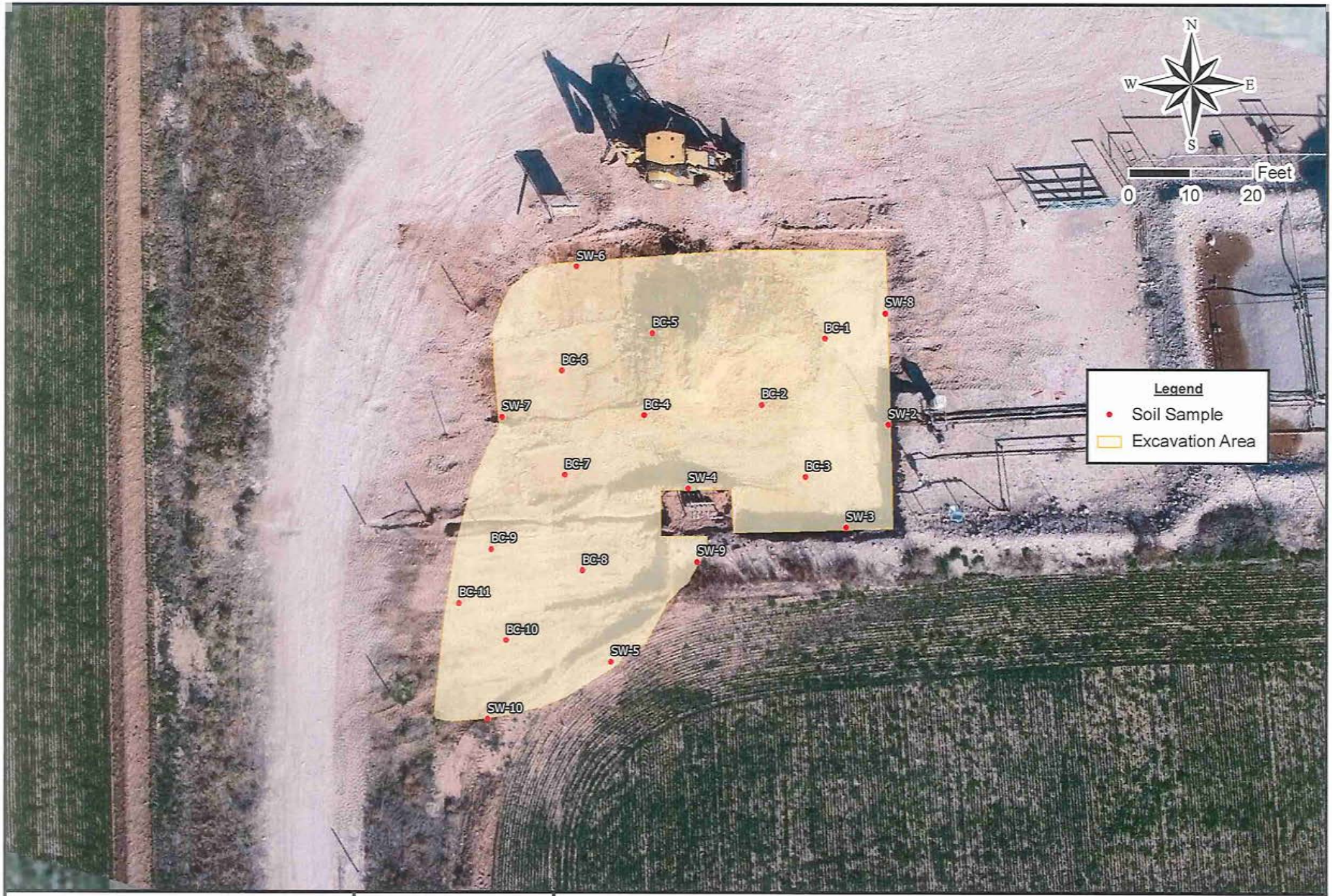
Devon Energy Corporation
Weems Battery
Eddy County, NM
Figure 1 - Project Location Map



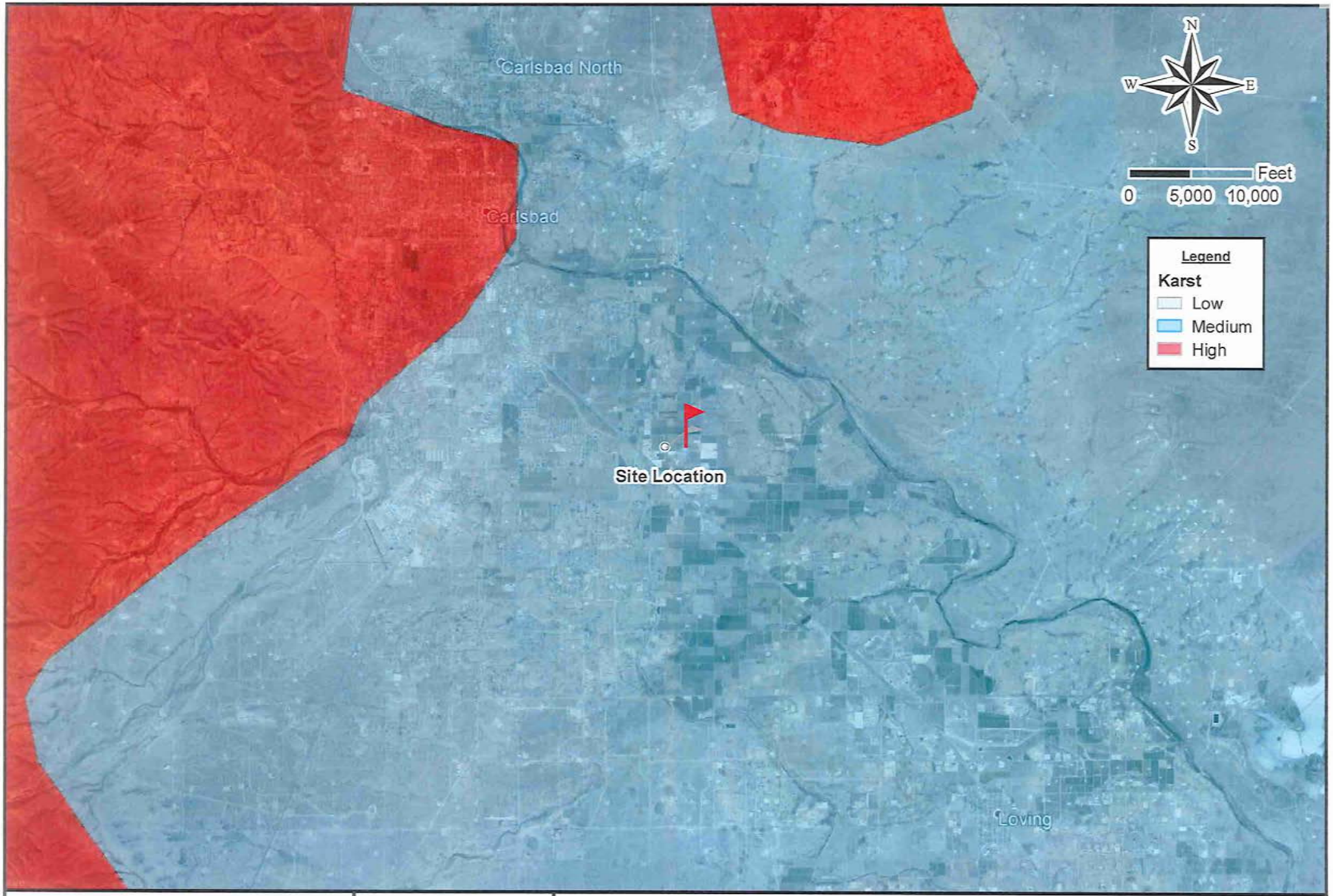
TALON LPE	Drafted: 4/6/2020 1 in = 1,000 ft Drafted By: JAI	Devon Energy Corporation Weems Battery Eddy County, NM Figure 2 - Topographic Map



TALON LPE	Drafted: 4/6/2020 1 in = 40 ft Drafted By: JAI	Devon Energy Corporation Weems Battery Eddy County, NM Figure 3 - Initial Sample Point Map

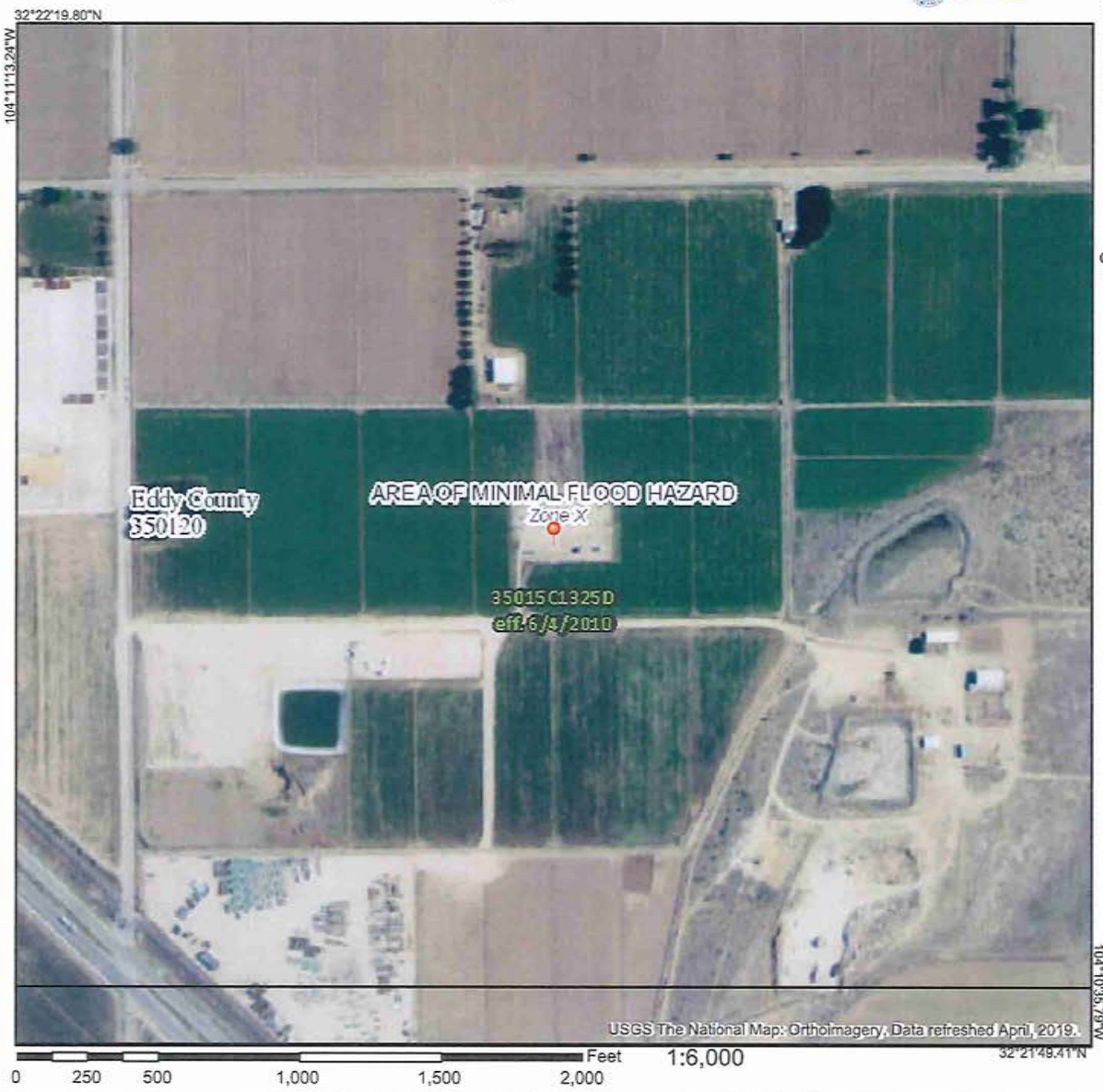


TALON LPE	Drafted: 4/6/2020 1 in = 20 ft Drafted By: JAI	Devon Energy Corporation Weems Battery Eddy County, NM Figure 4 - Confirmation Sample Point Map



TALON LPE	Drafted: 4/6/2020 1 in = 10,000 ft Drafted By: JAI	Devon Energy Corporation Weems Battery Eddy County, NM Figure 5 - Karst Map

National Flood Hazard Layer FIRMette



FEMA

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 LeveeZone 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
  - 20.2 Cross Sections with 1% Annual Chance
  - 17.5 Water Surface Elevation
  - Coastal Transect
  - Base Flood Elevation Line (BFE)
  - Limit of Study
  - Jurisdiction Boundary
  - Coastal Transect Baseline
  - Profile Baseline
  - Hydrographic Feature
- MAP PANELS
  - Digital Data Available
  - No Digital Data Available
  - Unmapped

N

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

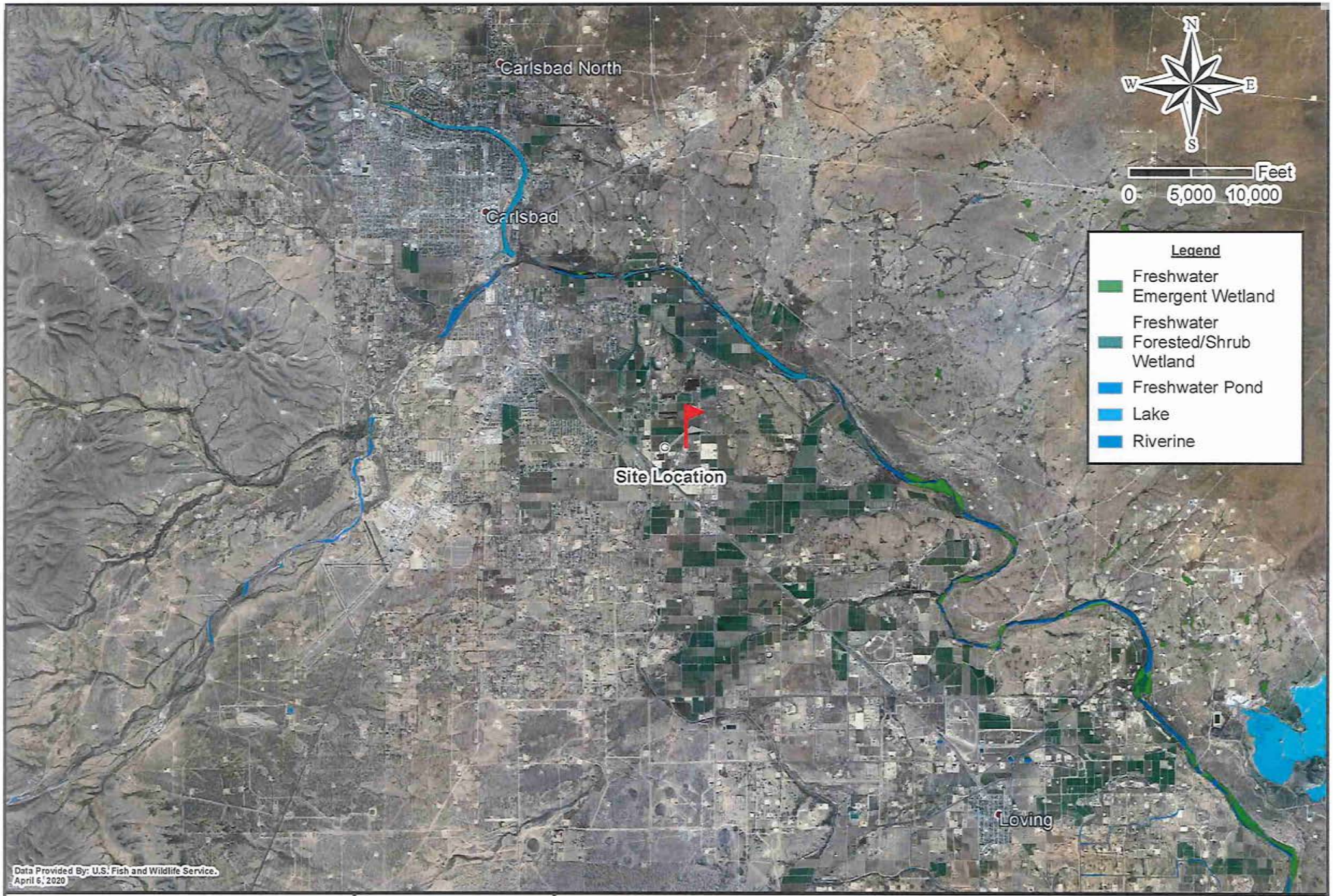
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/6/2020 at 11:34:55 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

TALON LPE

Date:	04/06/2020
Scale:	Refer to Map
Drawn By:	JAI

Devon Energy Corporation
Weems Battery
Eddy County, NM
Figure 6 - FEMA Flood Map



TALON LPE

Drafted: 4/6/2020
1 in = 10,000 ft
Drafted By: JAI

Devon Energy Corporation
Weems Battery
Eddy County, NM
Figure 7 - Wetlands Map

APPENDIX II

SOIL SURVEY

GROUNDWATER DATA

Eddy Area, New Mexico

Rc—Reagan loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w5l
Elevation: 1,100 to 5,300 feet
Mean annual precipitation: 7 to 15 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reagan

Setting

Landform: Alluvial fans, fan remnants
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 82 inches: loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 40 percent
Salinity, maximum in profile: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6c
Hydrologic Soil Group: B
Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Minor Components

Reagan

Percent of map unit:
Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Upton

Percent of map unit:
Ecological site: Shallow (R042XC025NM)
Hydric soil rating: No

Reeves

Percent of map unit:
Ecological site: Loamy (R042XC007NM)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 14, Sep 12, 2018

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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00901		C	ED	1	2	1	27	22S	27E	577048	3581707*	203	193	40	153
C 04027 POD1		CUB	ED	1	3	1	27	22S	27E	576704	3581378	309	140	55	85
C 00588		C	ED	2	2	1	27	22S	27E	577248	3581707*	328	200		
C 00150		CUB	ED	3	1	1	27	22S	27E	576643	3581501*	338	80		
C 00150 A	O	CUB	ED	3	1	1	27	22S	27E	576643	3581501*	338	147		
C 00572		CUB	ED	2	4	1	27	22S	27E	577250	3581301*	343	98	90	8
C 00009		CUB	ED	3	3	3	22	22S	27E	576641	3581908	520	165	100	65
C 00152		C	ED	3	3	3	22	22S	27E	576641	3581908*	520	151		
C 00587		C	ED	2	2	2	28	22S	27E	576438	3581696*	572	130	84	46
C 00095 CLW196524	O	CUB	ED	2	1	3	27	22S	27E	576847	3580888*	641	157	112	45
C 03392 POD1		C	ED	2	2	4	28	22S	27E	576508	3580886	787	140	70	70
C 00095		CUB	ED	3	2	3	27	22S	27E	577052	3580694*	823	157		
C 00614		C	ED	3	1	3	22	22S	27E	576639	3582314*	869	95	60	35
C 02512		C	ED		1	3	22	22S	27E	576740	3582415*	932	68	38	30
C 02512 POD2		C	ED		1	3	22	22S	27E	576740	3582415*	932	142	57	85
C 00613		C	ED	4	2	4	21	22S	27E	576434	3582309*	964	100	60	40
C 02903		C	ED	3	4	4	22	22S	27E	577858	3581926*	968	57	40	17
C 03064		C	ED	4	2	4	28	22S	27E	576442	3580682*	992	125	70	55
C 03129	O	C	ED	4	2	4	28	22S	27E	576442	3580682*	992	115		
C 00194		C	ED	1	4	3	27	22S	27E	577054	3580487*	1030	165	100	65
C 00532		C	ED	2	2	2	27	22S	27E	578060	3581720*	1097	90		
C 00251		C	ED		4	4	22	22S	27E	577959	3582027*	1103	84		
C 02881		C	ED		4	4	22	22S	27E	577959	3582027*	1103	60	39	21
C 02259		C	ED		2	4	21	22S	27E	576335	3582410*	1104	60	45	15
C 02558		C	ED		2	4	21	22S	27E	576335	3582410*	1104	55	36	19
C 01829		CUB	ED	3	2	4	28	22S	27E	576242	3580682*	1113	125		
C 02117		CUB	ED	1	1	2	28	22S	27E	575834	3581691*	1160	150	60	90
C 00056		CUB	ED	1	3	2	28	22S	27E	575835	3581284*	1169	98		
C 03062		CUB	ED	3	2	4	27	22S	27E	577863	3580706*	1196	150	100	50
C 00467		C	ED		2	4	27	22S	27E	577964	3580807*	1210	200	74	126
C 02149 CLW468826	O	C	ED			4	28	22S	27E	576141	3580572*	1262	125	70	55
C 00015 CLW238653	O	CUB	ED		1	4	28	22S	27E	575938	3580778*	1277	200		
C 03763 POD1		C	ED	1	2	2	28	22S	27E	575687	3581616	1298	240	55	185

C 00077		CUB	ED	1	1	1	26	22S	27E	578266	3581726*	1301	118	40	78
C 01744		C	ED		4	4	28	22S	27E	576345	3580377*	1303	140	100	40
C 00015		CUB	ED	4	4	4	28	22S	27E	576444	3580276*	1350	200		
C 00486		C	ED	4	4	4	28	22S	27E	576444	3580276*	1350	146		
C 02149		C	ED	4	4	4	28	22S	27E	576444	3580276*	1350	119	62	57
C 00562		C	ED	4	2	4	27	22S	27E	578063	3580706*	1350	150		
C 02961		C	ED	3	1	4	21	22S	27E	575830	3582303*	1395	150	70	80
C 00027		CUB	ED	4	4	3	21	22S	27E	575628	3581891	1404	166		
C 00027 CLW238752	O	CUB	ED	4	4	3	21	22S	27E	575628	3581891*	1404	166		
C 01242		CUB	ED	1	3	3	23	22S	27E	578264	3582133*	1423	155	40	115
C 00229		CUB	ED	1	1	1	34	22S	27E	576650	3580074	1477	200		
C 02488		C	ED		4	4	27	22S	27E	577966	3580401*	1486	76	38	38
C 03364 POD2		C	ED	4	3	4	27	22S	27E	577765	3580249	1488	250		
C 03364 POD1	R	C	ED	4	3	4	27	22S	27E	577765	3580245	1492	107	50	57
C 00653		C	ED	1	1	2	34	22S	27E	577462	3580087*	1506	120	80	40
C 00078		CUB	ED	3	1	3	26	22S	27E	578269	3580712*	1517	180		
C 01713		C	ED	3	1	3	23	22S	27E	578262	3582339*	1522	101	46	55
C 00747		CUB	ED	3	3	2	21	22S	27E	575828	3582709*	1660	148	85	63
C 00747 CLW198561	O	CUB	ED	3	3	2	21	22S	27E	575828	3582709*	1660	148		
C 03553 POD1		C	ED	4	2	2	33	22S	27E	576554	3579841	1726	200	75	125
C 01805		C	ED			3	23	22S	27E	578566	3582235*	1740	125	98	27
C 00014		CUB	ED	3	2	3	28	22S	27E	575434	3580672*	1762	202		
C 00825		CUB	ED	3	3	3	26	22S	27E	578270	3580306*	1766	132	68	64
C 00436		C	ED		3	3	26	22S	27E	578371	3580407*	1777	88	48	40
C 00455		C	ED	2	2	2	34	22S	27E	578066	3580093*	1788	133		
C 00981		C	ED	2	2	2	34	22S	27E	578066	3580093*	1788	250	41	209
C 02458		CUB	ED	2	2	2	34	22S	27E	578066	3580093*	1788			
C 00030 CLW193040	O	CUB	ED	1	3	2	34	22S	27E	577465	3579680*	1897	220	69	151
C 00030 CLW193055	O	CUB	ED	1	3	2	34	22S	27E	577465	3579680*	1897	205		
C 00030 S		CUB	ED	1	3	2	34	22S	27E	577465	3579680*	1897	200	69	131
C 00212 CLW193845	O	CUB	ED	1	1	1	35	22S	27E	578271	3580099*	1915			
C 00531		CUB	ED	1	1	1	35	22S	27E	578271	3580099*	1915	150	87	63
C 01776		C	ED		3	1	23	22S	27E	578361	3582846*	1917	157	40	117
C 00880		C	ED	4	2	2	34	22S	27E	578066	3579893*	1951	190		
C 02787		C	ED	1	3	1	28	22S	27E	575028	3581274*	1968	143	54	89
C 00014 CLW244969	O	CUB	ED	3	3	1	28	22S	27E	575028	3581074*	2002	205		
C 00014 CLW244972	O	CUB	ED	3	3	1	28	22S	27E	575028	3581074*	2002	205		
C 00014 S		CUB	ED	3	3	1	28	22S	27E	575028	3581074*	2002	205		
C 02392		C	ED		4	2	33	22S	27E	576350	3579564*	2050	150	48	102
C 03738 POD1		C	ED	1	1	3	34	22S	27E	576785	3579382	2141	137	68	69

C 03434 POD1		C	ED	4 4 2 29	22S	27E	574876	3581101	2145	99	75	24
C 00356		C	ED	34	22S	27E	577363	3579359*	2189	155	45	110
C 02631		C	ED	4 4 2 29	22S	27E	574823	3581067*	2204	96	69	27
C 00231 A		CUB	ED	1 4 1 23	22S	27E	578666	3582951*	2213	178	45	133
C 03063		CUB	ED	1 4 1 23	22S	27E	578666	3582951*	2213	163	40	123
C 00410		CUB	ED	4 4 3 26	22S	27E	578875	3580313*	2242	150	50	100
C 00030		CUB	ED	1 2 3 34	22S	27E	577062	3579267*	2249	205	50	155
C 00030 CLW193032	O	CUB	ED	1 2 3 34	22S	27E	577062	3579267*	2249	205		
C 00215		CUB	ED	4 3 2 33	22S	27E	576044	3579458*	2260	180	150	30
C 02648		C	ED	4 2 29	22S	27E	574724	3581168*	2283	200	66	134
C 00016		CUB	ED	3 3 1 21	22S	27E	575018	3582698	2292	167		
C 00016 CLW202898	O	CUB	ED	3 3 1 21	22S	27E	575018	3582698*	2292	209		
C 03073		C	ED	4 4 2 34	22S	27E	578068	3579486*	2301	150	122	28
C 00191		CUB	ED	3 3 2 33	22S	27E	575844	3579458*	2350	200		
C 04279		C	ED	3 3 3 14	22S	27E	578253	3583498	2356	200	35	165
C 01312		CUB	ED	3 1 35	22S	27E	578373	3579593*	2372	203	65	138
C 01523		C	ED	3 3 1 35	22S	27E	578272	3579492*	2399	118	60	58
C 00171		CUB	ED	1 2 4 34	22S	27E	577870	3579279*	2405	198	21	177
C 00171 CLW193980	O	CUB	ED	1 2 4 34	22S	27E	577870	3579279*	2405	265		
C 00043		C	ED	3 3 3 14	22S	27E	578256	3583557*	2407	120		
C 02996		C	ED	1 1 1 33	22S	27E	575034	3580055*	2433	120	62	58
C 00287		CUB	ED	3 1 3 34	22S	27E	576657	3579061*	2475			
C 00282		CUB	ED	3 2 2 26	22S	27E	579482	3581546*	2500	125	50	75
C 02230		C	ED	33	22S	27E	575742	3579340*	2503	260	90	170
C 02449		C	ED	33	22S	27E	575742	3579340*	2503	300	70	230
C 01010		C	ED	4 3 16	22S	27E	575519	3583617*	2560	150		
C 00644		CUB	ED	3 2 4 33	22S	27E	576251	3579056*	2564	190		
C 00644 CLW198574	O	CUB	ED	3 2 4 33	22S	27E	576251	3579056*	2564	100		
C 03505 POD1		C	ED	3 2 2 26	22S	27E	579548	3581491	2566	80		
C 03085		C	ED	2 2 2 32	22S	27E	574830	3580049*	2603	155	82	73
C 00279		C	ED	2 2 26	22S	27E	579583	3581647*	2604	160	48	112
C 02587	R	C	ED	2 2 26	22S	27E	579630	3581720	2656	71	12	59
C 03043		C	ED	2 3 3 34	22S	27E	576859	3578855*	2662	118	68	50
C 00559		C	ED	3 4 4 29	22S	27E	574628	3580255*	2669	200		
C 00193		CUB	ED	1 3 1 33	22S	27E	575035	3579649*	2696	190		
C 03074		C	ED	4 3 1 33	22S	27E	575235	3579449*	2705	115	85	30
C 02502		C	ED	2 2 32	22S	27E	574731	3579950*	2740	98	64	34
C 03290		C	ED	1 3 3 34	22S	27E	576715	3578778	2749	127	72	55
C 00680		C	ED	3 1 3 35	22S	27E	578272	3579085*	2751	150	46	104
C 01700		C	ED	3 3 34	22S	27E	576760	3578756*	2767	205	118	87
C 01801		C	ED	3 3 34	22S	27E	576760	3578756*	2767	220		

C 00410 CLW195750	O	CUB	ED	3	4	4	26	22S	27E	579486	3580329*	2771	209	41	168
C 00178		CUB	ED	1	2	3	35	22S	27E	578677	3579293*	2794	119		
C 00586		CUB	ED	1	2	3	35	22S	27E	578677	3579293*	2794	254		
C 02242		CUB	ED	1	1	4	15	22S	27E	577186	3584336	2829	150	22	128
C 04217 POD1		C	ED	1	1	2	23	22S	27E	579137	3583385	2854	175	75	100
C 01172		CUB	ED	3	4	3	34	22S	27E	577064	3578661*	2854	220		
C 00114		CUB	ED	3	1	4	20	22S	27E	574210	3582279*	2874	253		
C 00700		CUB	ED	3	3	2	15	22S	27E	577441	3584355*	2877	132		
C 03480 POD1		C	ED	3	2	3	16	22S	27E	575466	3583961	2877	74	41	33
C 00210		CUB	ED	3	3	2	35	22S	27E	579082	3579508*	2905	211		
C 00210 CLW193708	O	CUB	ED	3	3	2	35	22S	27E	579082	3579508*	2905	211		
C 02590		C	ED	2	1	2	32	22S	27E	574425	3580043*	2949	87	45	42
C 02590 POD2		C	ED	2	1	2	32	22S	27E	574425	3580043*	2949	300	114	186
C 00515		CUB	ED	3	4	4	33	22S	27E	576254	3578650*	2955	180	80	100
C 00515 CLW197977	O	CUB	ED	3	4	4	33	22S	27E	576254	3578650*	2955	180		
C 02667		C	ED	1	3	4	29	22S	27E	574223	3580448*	2957	128	81	47
C 03130		C	ED	4	2	1	29	22S	27E	574010	3581461*	2971	162		
C 00760		C	ED				16	22S	27E	575717	3584215*	2981	72	44	28
C 03066		C	ED	1	1	3	33	22S	27E	575037	3579243*	2990	240		
C 02262		C	ED		4	2	32	22S	27E	574732	3579544*	2990	128	60	68
C 01761		C	ED			3	35	22S	27E	578575	3578980*	2994	135	85	50

Average Depth to Water: **64 feet**

Minimum Depth: **12 feet**

Maximum Depth: **150 feet**

Record Count: 135

UTMNAD83 Radius Search (in meters):

Easting (X): 576981.415 Northing (Y): 3581514.763 Radius: 3000

***UTM location was derived from PLSS - see Help**

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

7/30/19 5:28 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

APPENDIX III

INITIAL C-141

FINAL C-141

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	NCE2002758973
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Amanda T. Davis	Contact Telephone 575-748-0176
Contact email amanda.davis@dvn.com	Incident # *(assigned by OCD)*
Contact mailing address 6488 Seven Rivers HWY	

Location of Release Source

Latitude 32.368151 Longitude -104.181767
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Weems #1	Site Type Oil
Date Release Discovered 7/29/2019	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
C	27	22S	27E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ■ Private (*Name:* Weems, W A & Betty S)

Nature and Volume of Release

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

■ Crude Oil	Volume Released (bbls) 81	Volume Recovered (bbls) 63
■ Produced Water	Volume Released (bbls) 92	Volume Recovered (bbls) 72
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Heater treater pressured up causing vessel to rupture off pad releasing fluid.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NCE2002758973
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? This is considered a major release because it is over 25 BBLS.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Email notification sent to Robert Hamlet, Jim Griswold, and Mike Bratcher from Amanda Davis on 7/30/2019.

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: Kendra DeHoyos Title: EHS Associate

Signature: Kendra DeHoyos Date: 7/30/2019

email: kendra.dehoyos@dvn.com Telephone: 575-748-3371

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	NCE2002758973
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: David J. Adkins Title: District Manager, Talon/LPE

Signature: _____ Date: 4/6/2020

email: dadkins@talonlpe.com Telephone: 575.746.8768

OCD Only

Received by: Cristina Eads Date: 04/14/2020

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: 05/29/2020

Printed Name: Cristina Eads Title: Environmental Specialist

APPENDIX IV

BORING LOGS

BORING LOG

Project No.: _____ Weather: clear Temp.: 95°F Driller: B. Sinclair

Site Name: Weems Bty Logger: D. ADKINS Rig Type: Geoprobe

Location: Eddy Co Field Instrument: _____ Bit Size: _____

Date: 8/8/19 Latitude: _____ N Drilling Method: direct push

Boring Number: B-1 Longitude: _____ W Sample Retrieval Method: core

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	☐	0-1'				Brown sandy caliche	None Slight (Mod.) Strong	
	☐	2'		SP-SC		Brown sl. clayey fine sand	None ~~Slight~~ Mod. Strong	
	☐	3'		SP-SC		Brown sl. clayey f sand	None Slight Mod. Strong	
	☐	4'				(")	None Slight Mod. Strong	
	☐	5'		SC		Brown sandy clay	None Slight Mod. Strong	
	☐	6'		SC		lt. brn sandy clay	None Slight Mod. Strong	
	☐	7'		SP SC		lt. brn sl. clayey sand	None Slight Mod. Strong	
	☐	8'		SP SC		(")	None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	

Surface Elevation: _____

Notes:

Logger Initials: DA

F-T215-A (072617)

TALON LPE

BORING LOG

Project No.: _____
Site Name: Weems Btty
Location: EDDY Co.
Date: 8/8/19
Boring Number: B-2

Weather: clear Temp.: 95 °F
Logger: D.ADKINS
Field Instrument: _____
Latitude: _____ N
Longitude: _____ W

Driller: B. Sinclair
Rig Type: Geoprobe
Bit Size: _____
Drilling Method: direct push
Sample Retrieval Method: core

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	☐	0-1'				Brown sandy caliche	None Slight (Mod.) Strong	
	☐	3'		SP SC		Brown sl. clayey sand	None (Slight) Mod. Strong	
	☐	4'		SP SC		(")	None Slight Mod. Strong	
	☐	5'				(")	None Slight Mod. Strong	
	☐	6'				(")	None Slight Mod. Strong	
	☐	7'				(")	None Slight Mod. Strong	
	☐	8'				Brown sl. clayey fine sand (SP-SC)	None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	

Surface Elevation: _____
Notes:

Logger Initials: DA

TALON LPE

BORING LOG

Project No.: _____
Site Name: Weems B Ftty
Location: EDDY CO. NM
Date: 8/8/19
Boring Number: B-3

Weather: clear Temp.: 95 °F
Logger: DADKINS
Field Instrument: _____
Latitude: _____ N
Longitude: _____ W

Driller: B. Sinclair
Rig Type: Geoprobe
Bit Size: _____
Drilling Method: direct push
Sample Retrieval Method: Core

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	☐	0-1'		SP		Brown f. sands w/ trace ants clay	None Slight (Mod.) Strong	
	☐	2'		SP SC		Drk. brown sl. clayey f. sand	None (Slight) Mod. Strong	
	☐	3'		SP SC		Brn. sl. clayey fine sand	None Slight Mod. Strong	
	☐	4'		SP SC		(11) (SP-SC)	None Slight Mod. Strong	
	☐	5'		SC		Brn sandy clay	None Slight Mod. Strong	
	☐	6'		SP SC		Brn sl. clayey sand	None Slight Mod. Strong	
	☐	7'		SP SC		Brn sl. clayey sand	None Slight Mod. Strong	
	☐	8'		SP SC		Brn. sl. clayey sands	None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	

Surface Elevation: _____
Notes:

Logger Initials: DA

TALON LPE

BORING LOG

Project No.: _____
Site Name: Weems Bty.
Location: Eddy Co
Date: 8/13/19
Boring Number: S-7/B-4

Weather: clear Temp.: 90 °F
Logger: _____
Field Instrument: _____
Latitude: _____ N
Longitude: _____ W

Driller: B. Sinclair
Rig Type: Geoprobe
Bit Size: _____
Drilling Method: direct push
Sample Retrieval Method: Core

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	☐	0-1'		SP		Dark brown fine sand	None Slight Mod. Strong	
	☐	2'		SP		Drk brn fine sand	None Slight Mod. Strong	
	☐	3'		SP		Drk brn fine sand & trace ants sand	None Slight Mod. Strong	
	☐	4'		SP SC		Drk brn sl. clayey fine sand	None Slight Mod. Strong	
	☐	5'		SP SC		Brn. sl. clayey f. sand	None Slight Mod. Strong	
	☐	6'				(")	None Slight Mod. Strong	
	☐	7'				(")	None Slight Mod. Strong	
	☐	8'		SP		Brn fine sand & trace ants clay	None Slight Mod. Strong	
	☐	9'		SP		(")	None Slight Mod. Strong	
	☐	10'		SP		(")	None Slight Mod. Strong	
	☐	12'		SP SC		Brn sl. clayey f. sand	None Slight Mod. Strong	
	☐	14'		SP SC		light brown sl. clayey sands	None Slight Mod. Strong	

Surface Elevation: _____
Notes:
Logger Initials: _____

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	☐	16'		SP SM		light tan fine sands w varying amts of silt + clay	None Slight Mod. Strong	
	☐	18'		SP SC		light tan slightly clayey fine sand	None Slight Mod. Strong	
	☐	20'		SC (CL)		Gray sandy clay	None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	

Notes: S-7/B-4

Logger Initials: DA

TALON LPE

BORING LOG

Project No.: _____ Weather: Sunny Temp.: 90 °F Driller: Brandon Sinclair

Site Name: Weems Battery Logger: _____ Rig Type: geoprobe

Location: Eddy County Field Instrument: _____ Bit Size: _____

Date: 8-13-19 Latitude: _____ N Drilling Method: direct push

Boring Number: S-8/B-5 Longitude: _____ W Sample Retrieval Method: core

Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	USCS	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
	☐	3'		SP		dark brown fine sand, trace amounts of clay	None (Slight) Mod. Strong	
	☐	4'		SP		dark brown fine sand, trace amounts of clay	None Slight Mod. Strong	
	☐	6'		SP-SC		dark brown sand, slightly clayey	None Slight Mod. Strong	
	☐	8'		SP-SC		dark brown slightly clayey sand	None Slight Mod. Strong	
	☐	10'		SM		brown silty sand	None Slight Mod. Strong	
	☐	12'		SC		tan sandy clay	None Slight Mod. Strong	
	☐	14'		CL		tan sandy clay	None Slight Mod. Strong	
	☐	16'		CL		tan sandy clay	None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	
	☐						None Slight Mod. Strong	

Surface Elevation: _____

Notes:

Logger Initials: BS

APPENDIX V

PHOTOGRAPHIC DOCUMENTATION

Figure 1: *Initial Site Assessment Photograph*

Figure 2: *Excavation Photographs*

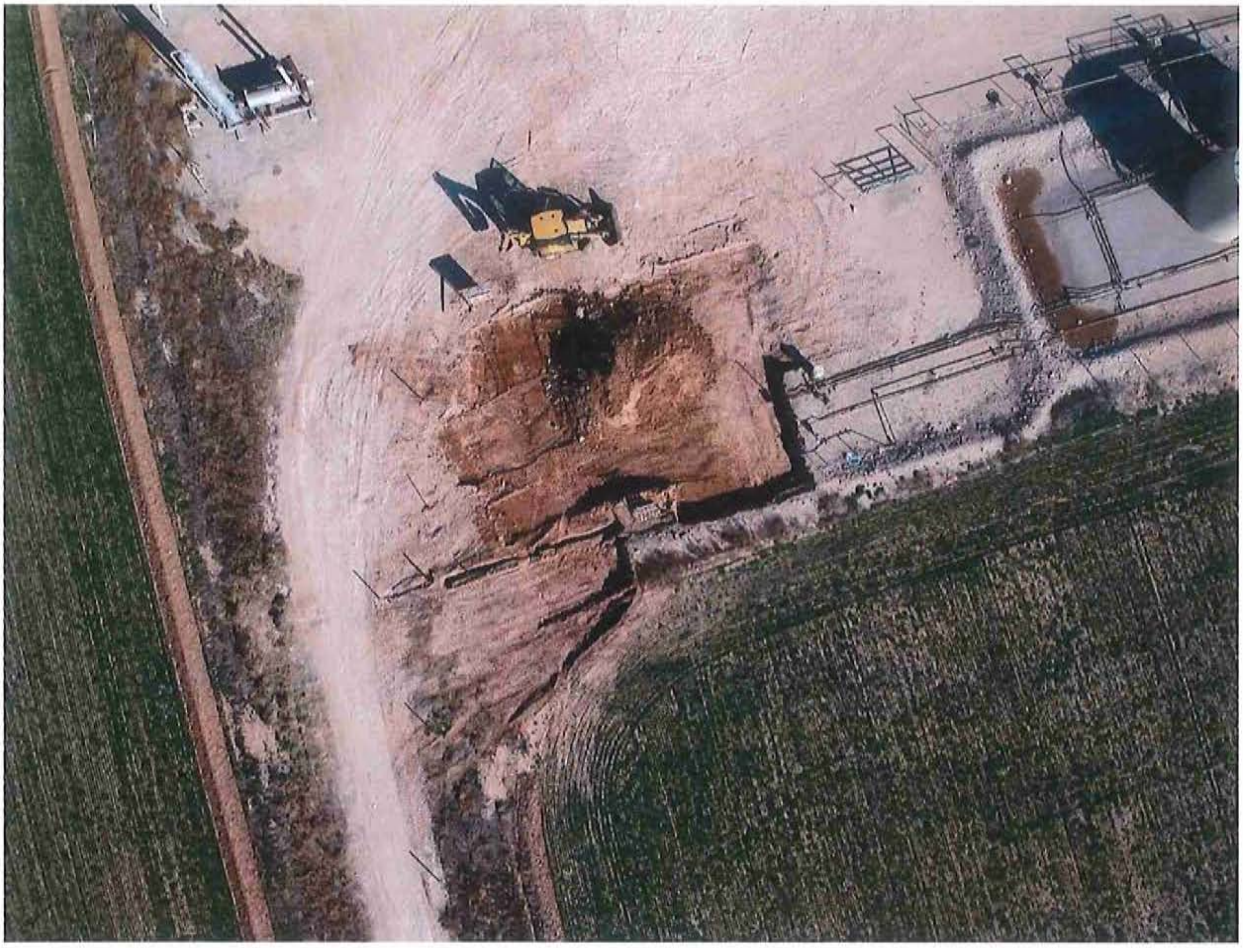


Figure 3: *Final Drone Photograph*

APPENDIX VI

LABORATORY DATA

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

August 14, 2019

David Adkins
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Devon Weems Battery OrderNo.: 1908497

Dear David Adkins:

Hall Environmental Analysis Laboratory received 12 sample(s) on 8/9/2019 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1908497**
Date Reported: **8/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S-1 0-1'
Project: Devon Weems Battery
Collection Date: 8/7/2019 9:00:00 AM
Lab ID: 1908497-001 **Matrix:** MEOH (SOIL) **Received Date:** 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	ND	60		mg/Kg	20	8/9/2019 4:57:16 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	30	8.4		mg/Kg	1	8/11/2019 8:04:33 PM	46709
Motor Oil Range Organics (MRO)	52	42		mg/Kg	1	8/11/2019 8:04:33 PM	46709
Surr: DNOP	65.6	70-130	S	%Rec	1	8/11/2019 8:04:33 PM	46709
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	8/9/2019 1:38:06 PM	G62031
Surr: BFB	100	77.4-118		%Rec	1	8/9/2019 1:38:06 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.021		mg/Kg	1	8/9/2019 1:38:06 PM	B62031
Toluene	ND	0.043		mg/Kg	1	8/9/2019 1:38:06 PM	B62031
Ethylbenzene	ND	0.043		mg/Kg	1	8/9/2019 1:38:06 PM	B62031
Xylenes, Total	ND	0.085		mg/Kg	1	8/9/2019 1:38:06 PM	B62031
Surr: 4-Bromofluorobenzene	96.6	80-120		%Rec	1	8/9/2019 1:38:06 PM	B62031

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order 1908497
Date Reported: 8/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S-2, 0-1'
Project: Devon Weems Battery
Collection Date: 8/7/2019 9:15:00 AM
Lab ID: 1908497-002
Matrix: MEOH (SOIL)
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	220	60		mg/Kg	20	8/9/2019 5:09:41 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	49	9.6		mg/Kg	1	8/11/2019 8:29:00 PM	46709
Motor Oil Range Organics (MRO)	55	48		mg/Kg	1	8/11/2019 8:29:00 PM	46709
Surr: DNOP	78.4	70-130		%Rec	1	8/11/2019 8:29:00 PM	46709
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/9/2019 2:01:06 PM	G62031
Surr: BFB	101	77.4-118		%Rec	1	8/9/2019 2:01:06 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	8/9/2019 2:01:06 PM	B62031
Toluene	ND	0.046		mg/Kg	1	8/9/2019 2:01:06 PM	B62031
Ethylbenzene	ND	0.046		mg/Kg	1	8/9/2019 2:01:06 PM	B62031
Xylenes, Total	ND	0.092		mg/Kg	1	8/9/2019 2:01:06 PM	B62031
Surr: 4-Bromofluorobenzene	96.4	80-120		%Rec	1	8/9/2019 2:01:06 PM	B62031

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S-3, 0-1'
Project: Devon Weems Battery
Collection Date: 8/7/2019 9:30:00 AM
Lab ID: 1908497-003
Matrix: MEOH (SOIL)
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	210	60		mg/Kg	20	8/9/2019 5:22:05 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	8/11/2019 8:53:23 PM	46709
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	8/11/2019 8:53:23 PM	46709
Surr: DNOP	70.5	70-130		%Rec	1	8/11/2019 8:53:23 PM	46709
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	8/9/2019 2:24:06 PM	G62031
Surr: BFB	99.3	77.4-118		%Rec	1	8/9/2019 2:24:06 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.021		mg/Kg	1	8/9/2019 2:24:06 PM	B62031
Toluene	ND	0.043		mg/Kg	1	8/9/2019 2:24:06 PM	B62031
Ethylbenzene	ND	0.043		mg/Kg	1	8/9/2019 2:24:06 PM	B62031
Xylenes, Total	ND	0.086		mg/Kg	1	8/9/2019 2:24:06 PM	B62031
Surr: 4-Bromofluorobenzene	94.2	80-120		%Rec	1	8/9/2019 2:24:06 PM	B62031

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1908497-004 **Matrix:** MEOH (SOIL)

Client Sample ID: S-4, 0-1'
Collection Date: 8/7/2019 9:40:00 AM
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	ND	60		mg/Kg	20	8/9/2019 5:34:30 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/11/2019 9:18:01 PM	46709
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/11/2019 9:18:01 PM	46709
Surr: DNOP	59.9	70-130	S	%Rec	1	8/11/2019 9:18:01 PM	46709
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	8/9/2019 5:28:12 PM	G62031
Surr: BFB	102	77.4-118		%Rec	1	8/9/2019 5:28:12 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.021		mg/Kg	1	8/9/2019 5:28:12 PM	B62031
Toluene	ND	0.041		mg/Kg	1	8/9/2019 5:28:12 PM	B62031
Ethylbenzene	ND	0.041		mg/Kg	1	8/9/2019 5:28:12 PM	B62031
Xylenes, Total	ND	0.083		mg/Kg	1	8/9/2019 5:28:12 PM	B62031
Surr: 4-Bromofluorobenzene	96.6	80-120		%Rec	1	8/9/2019 5:28:12 PM	B62031

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1908497**
Date Reported: **8/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1908497-005 **Matrix:** MEOH (SOIL)

Client Sample ID: S-5, 0-1'
Collection Date: 8/7/2019 9:50:00 AM
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	130	59		mg/Kg	20	8/9/2019 5:46:55 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/11/2019 9:42:32 PM	46709
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/11/2019 9:42:32 PM	46709
Surr: DNOP	83.5	70-130		%Rec	1	8/11/2019 9:42:32 PM	46709
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/9/2019 5:51:14 PM	G62031
Surr: BFB	101	77.4-118		%Rec	1	8/9/2019 5:51:14 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/9/2019 5:51:14 PM	B62031
Toluene	ND	0.049		mg/Kg	1	8/9/2019 5:51:14 PM	B62031
Ethylbenzene	ND	0.049		mg/Kg	1	8/9/2019 5:51:14 PM	B62031
Xylenes, Total	ND	0.099		mg/Kg	1	8/9/2019 5:51:14 PM	B62031
Surr: 4-Bromofluorobenzene	95.5	80-120		%Rec	1	8/9/2019 5:51:14 PM	B62031

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S-6, 0-1'
Project: Devon Weems Battery
Collection Date: 8/7/2019 10:00:00 AM
Lab ID: 1908497-006
Matrix: MEOH (SOIL)
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	ND	60		mg/Kg	20	8/9/2019 5:59:19 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/11/2019 10:07:09 PM	46709
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/11/2019 10:07:09 PM	46709
Surr: DNOP	79.9	70-130		%Rec	1	8/11/2019 10:07:09 PM	46709
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	8/9/2019 6:14:19 PM	G62031
Surr: BFB	98.3	77.4-118		%Rec	1	8/9/2019 6:14:19 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.022		mg/Kg	1	8/9/2019 6:14:19 PM	B62031
Toluene	ND	0.045		mg/Kg	1	8/9/2019 6:14:19 PM	B62031
Ethylbenzene	ND	0.045		mg/Kg	1	8/9/2019 6:14:19 PM	B62031
Xylenes, Total	ND	0.090		mg/Kg	1	8/9/2019 6:14:19 PM	B62031
Surr: 4-Bromofluorobenzene	94.5	80-120		%Rec	1	8/9/2019 6:14:19 PM	B62031

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S-7, 0-1'
Project: Devon Weems Battery
Collection Date: 8/7/2019 10:15:00 AM
Lab ID: 1908497-007
Matrix: MEOH (SOIL)
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	1300	60		mg/Kg	20	8/9/2019 6:11:44 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	120	9.6		mg/Kg	1	8/11/2019 10:31:41 PM	46709
Motor Oil Range Organics (MRO)	150	48		mg/Kg	1	8/11/2019 10:31:41 PM	46709
Surr: DNOP	88.7	70-130		%Rec	1	8/11/2019 10:31:41 PM	46709
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.4		mg/Kg	1	8/9/2019 6:37:23 PM	G62031
Surr: BFB	102	77.4-118		%Rec	1	8/9/2019 6:37:23 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.022		mg/Kg	1	8/9/2019 6:37:23 PM	B62031
Toluene	ND	0.044		mg/Kg	1	8/9/2019 6:37:23 PM	B62031
Ethylbenzene	ND	0.044		mg/Kg	1	8/9/2019 6:37:23 PM	B62031
Xylenes, Total	ND	0.088		mg/Kg	1	8/9/2019 6:37:23 PM	B62031
Surr: 4-Bromofluorobenzene	97.4	80-120		%Rec	1	8/9/2019 6:37:23 PM	B62031

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S-8, 0-1'
Project: Devon Weems Battery
Collection Date: 8/7/2019 12:45:00 PM
Lab ID: 1908497-008
Matrix: MEOH (SOIL)
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	8500	300		mg/Kg	100	8/12/2019 11:05:19 AM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	15000	1000		mg/Kg	100	8/12/2019 1:29:10 PM	46709
Motor Oil Range Organics (MRO)	5600	5000		mg/Kg	100	8/12/2019 1:29:10 PM	46709
Surr: DNOP	0	70-130	S	%Rec	100	8/12/2019 1:29:10 PM	46709
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	700	22		mg/Kg	5	8/9/2019 7:00:22 PM	G62031
Surr: BFB	1170	77.4-118	S	%Rec	5	8/9/2019 7:00:22 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.11		mg/Kg	5	8/9/2019 7:00:22 PM	B62031
Toluene	4.8	0.22		mg/Kg	5	8/9/2019 7:00:22 PM	B62031
Ethylbenzene	8.4	0.22		mg/Kg	5	8/9/2019 7:00:22 PM	B62031
Xylenes, Total	49	0.44		mg/Kg	5	8/9/2019 7:00:22 PM	B62031
Surr: 4-Bromofluorobenzene	172	80-120	S	%Rec	5	8/9/2019 7:00:22 PM	B62031

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S-8, 2'
Project: Devon Weems Battery
Collection Date: 8/7/2019 12:50:00 PM
Lab ID: 1908497-009
Matrix: MEOH (SOIL)
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	2100	60		mg/Kg	20	8/9/2019 7:01:24 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	1900	99		mg/Kg	10	8/12/2019 12:09:12 PM	46718
Motor Oil Range Organics (MRO)	850	500		mg/Kg	10	8/12/2019 12:09:12 PM	46718
Surr: DNOP	0	70-130	S	%Rec	10	8/12/2019 12:09:12 PM	46718
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	18	D	mg/Kg	5	8/9/2019 7:46:20 PM	G62031
Surr: BFB	130	77.4-118	SD	%Rec	5	8/9/2019 7:46:20 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.090	D	mg/Kg	5	8/9/2019 7:46:20 PM	B62031
Toluene	ND	0.18	D	mg/Kg	5	8/9/2019 7:46:20 PM	B62031
Ethylbenzene	ND	0.18	D	mg/Kg	5	8/9/2019 7:46:20 PM	B62031
Xylenes, Total	ND	0.36	D	mg/Kg	5	8/9/2019 7:46:20 PM	B62031
Surr: 4-Bromofluorobenzene	96.0	80-120	D	%Rec	5	8/9/2019 7:46:20 PM	B62031

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S-8, 3'
Project: Devon Weems Battery
Collection Date: 8/7/2019 12:55:00 PM
Lab ID: 1908497-010
Matrix: MEOH (SOIL)
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	660	60		mg/Kg	20	8/9/2019 7:13:49 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	200	9.7		mg/Kg	1	8/12/2019 12:06:02 PM	46718
Motor Oil Range Organics (MRO)	140	48		mg/Kg	1	8/12/2019 12:06:02 PM	46718
Surr: DNOP	94.5	70-130		%Rec	1	8/12/2019 12:06:02 PM	46718
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	17	D	mg/Kg	5	8/9/2019 8:32:15 PM	G62031
Surr: BFB	105	77.4-118	D	%Rec	5	8/9/2019 8:32:15 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.083	D	mg/Kg	5	8/9/2019 8:32:15 PM	B62031
Toluene	ND	0.17	D	mg/Kg	5	8/9/2019 8:32:15 PM	B62031
Ethylbenzene	ND	0.17	D	mg/Kg	5	8/9/2019 8:32:15 PM	B62031
Xylenes, Total	ND	0.33	D	mg/Kg	5	8/9/2019 8:32:15 PM	B62031
Surr: 4-Bromofluorobenzene	100	80-120	D	%Rec	5	8/9/2019 8:32:15 PM	B62031

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: S-8, 4'
Project: Devon Weems Battery
Collection Date: 8/7/2019 1:05:00 PM
Lab ID: 1908497-011
Matrix: MEOH (SOIL)
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	1300	60		mg/Kg	20	8/9/2019 7:26:13 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	420	9.6		mg/Kg	1	8/12/2019 12:28:14 PM	46718
Motor Oil Range Organics (MRO)	250	48		mg/Kg	1	8/12/2019 12:28:14 PM	46718
Surr: DNOP	104	70-130		%Rec	1	8/12/2019 12:28:14 PM	46718
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	19	D	mg/Kg	5	8/9/2019 8:55:15 PM	G62031
Surr: BFB	111	77.4-118	D	%Rec	5	8/9/2019 8:55:15 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.095	D	mg/Kg	5	8/9/2019 8:55:15 PM	B62031
Toluene	ND	0.19	D	mg/Kg	5	8/9/2019 8:55:15 PM	B62031
Ethylbenzene	ND	0.19	D	mg/Kg	5	8/9/2019 8:55:15 PM	B62031
Xylenes, Total	ND	0.38	D	mg/Kg	5	8/9/2019 8:55:15 PM	B62031
Surr: 4-Bromofluorobenzene	102	80-120	D	%Rec	5	8/9/2019 8:55:15 PM	B62031

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1908497-012 **Matrix:** MEOH (SOIL)

Client Sample ID: S-8, 4.5'
Collection Date: 8/7/2019 1:15:00 PM
Received Date: 8/9/2019 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**CJS**
Chloride	1400	60		mg/Kg	20	8/9/2019 7:38:37 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst:	**BRM**
Diesel Range Organics (DRO)	320	9.0		mg/Kg	1	8/12/2019 1:34:37 PM	46718
Motor Oil Range Organics (MRO)	190	45		mg/Kg	1	8/12/2019 1:34:37 PM	46718
Surr: DNOP	104	70-130		%Rec	1	8/12/2019 1:34:37 PM	46718
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	**NSB**
Gasoline Range Organics (GRO)	ND	18	D	mg/Kg	5	8/9/2019 9:18:12 PM	G62031
Surr: BFB	119	77.4-118	SD	%Rec	5	8/9/2019 9:18:12 PM	G62031
EPA METHOD 8021B: VOLATILES						Analyst:	**NSB**
Benzene	ND	0.089	D	mg/Kg	5	8/9/2019 9:18:12 PM	B62031
Toluene	ND	0.18	D	mg/Kg	5	8/9/2019 9:18:12 PM	B62031
Ethylbenzene	ND	0.18	D	mg/Kg	5	8/9/2019 9:18:12 PM	B62031
Xylenes, Total	ND	0.35	D	mg/Kg	5	8/9/2019 9:18:12 PM	B62031
Surr: 4-Bromofluorobenzene	105	80-120	D	%Rec	5	8/9/2019 9:18:12 PM	B62031

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908497

14-Aug-19

Client: Talon Artesia

Project: Devon Weems Battery

Sample ID: **MB-46714**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **46714**	RunNo: **62054**
Prep Date: **8/9/2019**	Analysis Date: **8/9/2019**	SeqNo: **2105472** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-46714**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **46714**	RunNo: **62054**
Prep Date: **8/9/2019**	Analysis Date: **8/9/2019**	SeqNo: **2105473** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	96.8	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908497

14-Aug-19

Client: Talon Artesia

Project: Devon Weems Battery

Sample ID: **LCS-46709** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **46709** RunNo: **62043**

Prep Date: **8/9/2019** Analysis Date: **8/11/2019** SeqNo: **2105685** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.7	63.9	124			
Surr: DNOP	3.7		5.000		74.1	70	130			

Sample ID: **MB-46709** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **46709** RunNo: **62043**

Prep Date: **8/9/2019** Analysis Date: **8/11/2019** SeqNo: **2105686** 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	8.5		10.00		84.6	70	130			

Sample ID: **MB-46718** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **PBS** Batch ID: **46718** RunNo: **62067**

Prep Date: **8/12/2019** Analysis Date: **8/12/2019** SeqNo: **2105904** 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	7.5		10.00		75.0	70	130			

Sample ID: **LCS-46718** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **46718** RunNo: **62048**

Prep Date: **8/12/2019** Analysis Date: **8/12/2019** SeqNo: **2105931** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.9	63.9	124			
Surr: DNOP	4.6		5.000		92.9	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908497

14-Aug-19

Client: Talon Artesia

Project: Devon Weems Battery

Sample ID: **RB**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **G62031**	RunNo: **62031**
Prep Date:	Analysis Date: **8/9/2019**	SeqNo: **2104803** 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		98.7	77.4	118			

Sample ID: **2.5UG GRO LCSB**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **G62031**	RunNo: **62031**
Prep Date:	Analysis Date: **8/9/2019**	SeqNo: **2104830** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.3	80	120			
Surr: BFB	1100		1000		112	77.4	118			

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908497

14-Aug-19

Client: Talon Artesia

Project: Devon Weems Battery

Sample ID: **RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **B62031**	RunNo: **62031**
Prep Date:	Analysis Date: **8/9/2019**	SeqNo: **2104835** 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	0.96		1.000		96.5	80	120			

Sample ID: **100NG BTEX LCSB**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **B62031**	RunNo: **62031**
Prep Date:	Analysis Date: **8/9/2019**	SeqNo: **2104836** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.6	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: TALON ARTESIA Work Order Number: 1908497 RcptNo: 1

Received By: Daniel M 8/9/2019 8:30:00 AM

Completed By: Leah Baca 8/9/2019 10:12:49 AM Leah Baca

Reviewed By: LB 8/9/19

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
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: DAD 8/9/19

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	4.3	Good	Not Present			
2	5.5	Good	Not Present			

Chain-of-Custody Record

Client: TALON/LPE
DAVID ADKINS
Mailing Address: 408 W. Texas Ave.
Artesia NM 88210
Phone #:
email or Fax#: dadkins@talonlpe.com
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time: 24 48hr 5T
☐ Standard ☒ Rush
Project Name: Devon Weems Battery
Project #: 700794.297.01
Project Manager: DAVID ADKINS
Sampler: D. ADKINS
On Ice: ☒ Yes ☐ No
Sample Temperature: 4.3-01=4.2 5.6-0.1=5.5°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1908497	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BTEX	TOTAL CHLORIDES			Air Bubbles (Y or N)
8/7/19	0900	S	S-1, 0-1'	G/1	Cool	-001			✓									✓	✓			
8/7	0915		S-2, 0-1'			-002																
	0930		S-3, 0-1'			-003																
	0940		S-4, 0-1'			-004																
	0950		S-5, 0-1'			-005																
	1000		S-6, 0-1'			-006																
	1015		S-7, 0-1'			-007																
	1245		S-8, 0-1'			-008																
	1250		S-8, 2'			-009																
	1255		S-8, 3'			-010																
	1105		S-8, 4'			-011																
	1115		S-8, 4.5'			-012																

Date:	Time:	Relinquished by:	Received by:	Date	Time
8/8/19	1130			8/8/19	1130
Date:	Time:	Relinquished by:	Received by:	Date	Time
			courier	8/9/19	8:30

Remarks:
Data Needed 8/12
Changed To 24 hr. rush

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.

CARDINAL Laboratories

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

August 15, 2019

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: WEEMS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/14/19 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 2' (H902796-01)

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	08/15/2019	ND	1.97	98.5	2.00	6.96	
Toluene*	<0.050	0.050	08/15/2019	ND	2.13	107	2.00	9.43	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	6.61	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.07	101	6.00	5.65	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *97.3 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *76.5 %* *41-142*

Surrogate: 1-Chlorooctadecane *79.4 %* *37.6-147*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 3' (H902796-02)

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	08/15/2019	ND	1.97	98.5	2.00	6.96	
Toluene*	<0.050	0.050	08/15/2019	ND	2.13	107	2.00	9.43	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	6.61	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.07	101	6.00	5.65	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.4 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *72.6 %* *41-142*

Surrogate: 1-Chlorooctadecane *73.6 %* *37.6-147*

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Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 4' (H902796-03)

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	08/15/2019	ND	1.97	98.5	2.00	6.96	
Toluene*	<0.050	0.050	08/15/2019	ND	2.13	107	2.00	9.43	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	6.61	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.07	101	6.00	5.65	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *97.4 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *80.8 %* *41-142*

Surrogate: 1-Chlorooctadecane *83.3 %* *37.6-147*

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 6' (H902796-04)

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	08/15/2019	ND	1.97	98.5	2.00	6.96	
Toluene*	<0.050	0.050	08/15/2019	ND	2.13	107	2.00	9.43	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	6.61	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.07	101	6.00	5.65	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *97.3 %* *73.3-129*

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	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *80.1 %* *41-142*

Surrogate: 1-Chlorooctadecane *81.7 %* *37.6-147*

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DAVID ADKINS
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ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 8' (H902796-05)

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	08/15/2019	ND	1.97	98.5	2.00	6.96	
Toluene*	<0.050	0.050	08/15/2019	ND	2.13	107	2.00	9.43	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	6.61	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.07	101	6.00	5.65	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *96.9 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1500**	16.0	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *81.3 %* *41-142*

Surrogate: 1-Chlorooctadecane *82.8 %* *37.6-147*

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Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 10' (H902796-06)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *103 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**832**	16.0	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *74.2 %* *41-142*

Surrogate: 1-Chlorooctadecane *77.5 %* *37.6-147*

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Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 12' (H902796-07)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *103 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1220**	16.0	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *81.9 %* *41-142*

Surrogate: 1-Chlorooctadecane *87.0 %* *37.6-147*

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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 14' (H902796-08)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *103 %* *73.3-129*

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	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *80.5 %* *41-142*

Surrogate: 1-Chlorooctadecane *82.5 %* *37.6-147*

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Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 16' (H902796-09)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *103 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *78.6 %* *41-142*

Surrogate: 1-Chlorooctadecane *82.6 %* *37.6-147*

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Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 18' (H902796-10)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *105 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**624**	16.0	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *81.2 %* *41-142*

Surrogate: 1-Chlorooctadecane *85.5 %* *37.6-147*

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Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 7 20' R (H902796-11)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	08/15/2019	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *72.2 %* *41-142*

Surrogate: 1-Chlorooctadecane *74.8 %* *37.6-147*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 8 6' (H902796-12)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *105 %* *73.3-129*

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	08/15/2019	ND	432	108	400	0.00	QM-07

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	**60.6**	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *76.7 %* *41-142*

Surrogate: 1-Chlorooctadecane *85.3 %* *37.6-147*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 8 8' (H902796-13)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *113 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2000**	16.0	08/15/2019	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	**206**	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	**40.2**	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *79.2 %* *41-142*

Surrogate: 1-Chlorooctadecane *88.0 %* *37.6-147*

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 8 10' (H902796-14)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *104 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	08/15/2019	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *76.1 %* *41-142*

Surrogate: 1-Chlorooctadecane *75.0 %* *37.6-147*

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 8 12' (H902796-15)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	08/15/2019	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *74.2 %* *41-142*

Surrogate: 1-Chlorooctadecane *72.5 %* *37.6-147*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 8 14' (H902796-16)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL *105 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/15/2019	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *71.6 %* *41-142*

Surrogate: 1-Chlorooctadecane *70.7 %* *37.6-147*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	08/14/2019	Sampling Date:	08/13/2019
Reported:	08/15/2019	Sampling Type:	Soil
Project Name:	WEEMS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	700794.297.01	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO NM		

Sample ID: S- 8 16' R (H902796-17)

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	08/15/2019	ND	1.85	92.3	2.00	5.37	
Toluene*	<0.050	0.050	08/15/2019	ND	2.02	101	2.00	7.71	
Ethylbenzene*	<0.050	0.050	08/15/2019	ND	2.04	102	2.00	6.98	
Total Xylenes*	<0.150	0.150	08/15/2019	ND	6.17	103	6.00	6.50	
Total BTEX	<0.300	0.300	08/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *73.3-129*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	08/15/2019	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2019	ND	212	106	200	0.826	
DRO >C10-C28*	<10.0	10.0	08/15/2019	ND	220	110	200	8.90	
EXT DRO >C28-C36	<10.0	10.0	08/15/2019	ND					

Surrogate: 1-Chlorooctane *72.8 %* *41-142*

Surrogate: 1-Chlorooctadecane *72.0 %* *37.6-147*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE	BILL TO — P.O. #: 700794.297.01
Project Manager: David Adkins	Company: Talon LPE
Address: 408 W Texas Ave	Attn: David Adkins
City: Artesia State: NM Zip: 88210	Address:
Phone #: 575-746-8768 Fax #:	City:
Project #: 700794.297.01 Project Owner: Devon	State: Zip:
Project Name: Weems Battery	Phone #:
Project Location: Eddy County	Fax #:
Sampler Name: Brandon Sinclair	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	TPH EXT	BTEX	Chlorides
H902796																	
1	S-7 2'	G				✓					✓		8/13/19	1015	✓	✓	✓
2	S-7 3'													1017			
3	S-7 4'													1019			
4	S-7 6'													1030			
5	S-7 8'													1032			
6	S-7 10'													1034			
7	S-7 12'													1036			
8	S-7 14'													1048			
9	S-7 16'													1050			
10	S-7 18'													1052			

Relinquished By:	Date: 8-14-19	Received By:	Phone Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 16:35		Fax Result: ☐ Yes ☐ No Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: Rush
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other: 2.6°C #97 Corrected 3.0°C

Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No

CHECKED BY: (Initials)

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

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon LPE	BILL TO
Project Manager: David Adkins	P.O. #: 700794.297.01
Address: 408 W Texas Ave	Company: Talon LPE
City: Artesia State: NM Zip: 88210	Attn: David Adkins
Phone #: 575-746-8768 Fax #:	Address:
Project #: 700794.297.01 Project Owner: Devon	City:
Project Name: Weems Battery	State: Zip:
Project Location: Eddy County	Phone #:
Sampler Name: Brandon Sinclair	Fax #:

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH EXT	BTEX	Chlorides
H902796																	
11	S-7 20' R	G	1			✓					✓		8/13/19	1054	✓	✓	✓
12	S-8 6'													1130			
13	S-8 8'													1132			
14	S-8 10'													1142			
15	S-8 12'													1144			
16	S-8 14'													1158			
17	S-8 16' R													1200			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 8-14-19	Received By:	Phone Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 16:35		Fax Result: ☐ Yes ☐ No Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: Rush
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	2.6c #97 Corrected 3.0c	Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials)

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

August 20, 2019

David Adkins
Talon LPE
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX

RE: Devon Weems Battery OrderNo.: 1908721

Dear David Adkins:

Hall Environmental Analysis Laboratory received 24 sample(s) on 8/13/2019 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-001 **Matrix:** SOIL

Client Sample ID: B-2 5'
Collection Date: 8/8/2019 8:45:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	110	8.8		mg/Kg	1	8/16/2019 8:09:36 PM
Motor Oil Range Organics (MRO)	77	44		mg/Kg	1	8/16/2019 8:09:36 PM
Surr: DNOP	88.1	70-130		%Rec	1	8/16/2019 8:09:36 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	350	60		mg/Kg	20	8/15/2019 1:45:53 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.025		mg/Kg	1	8/15/2019 5:52:54 PM
Toluene	ND	0.049		mg/Kg	1	8/15/2019 5:52:54 PM
Ethylbenzene	ND	0.049		mg/Kg	1	8/15/2019 5:52:54 PM
Xylenes, Total	ND	0.099		mg/Kg	1	8/15/2019 5:52:54 PM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	8/15/2019 5:52:54 PM
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	8/15/2019 5:52:54 PM
Surr: Dibromofluoromethane	102	70-130		%Rec	1	8/15/2019 5:52:54 PM
Surr: Toluene-d8	102	70-130		%Rec	1	8/15/2019 5:52:54 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/15/2019 5:52:54 PM
Surr: BFB	94.3	70-130		%Rec	1	8/15/2019 5:52:54 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-002 **Matrix:** SOIL

Client Sample ID: B-2 6'
Collection Date: 8/8/2019 8:47:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	33	9.5		mg/Kg	1	8/16/2019 8:34:12 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/16/2019 8:34:12 PM
Surr: DNOP	82.8	70-130		%Rec	1	8/16/2019 8:34:12 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	200	60		mg/Kg	20	8/15/2019 1:58:18 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**
Benzene	ND	0.024		mg/Kg	1	8/15/2019 6:21:40 PM
Toluene	ND	0.048		mg/Kg	1	8/15/2019 6:21:40 PM
Ethylbenzene	ND	0.048		mg/Kg	1	8/15/2019 6:21:40 PM
Xylenes, Total	ND	0.096		mg/Kg	1	8/15/2019 6:21:40 PM
Surr: 1,2-Dichloroethane-d4	98.2	70-130		%Rec	1	8/15/2019 6:21:40 PM
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	8/15/2019 6:21:40 PM
Surr: Dibromofluoromethane	102	70-130		%Rec	1	8/15/2019 6:21:40 PM
Surr: Toluene-d8	103	70-130		%Rec	1	8/15/2019 6:21:40 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/15/2019 6:21:40 PM
Surr: BFB	92.4	70-130		%Rec	1	8/15/2019 6:21:40 PM

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-003 **Matrix:** SOIL

Client Sample ID: B-2 7'
Collection Date: 8/8/2019 8:49:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	20	9.9		mg/Kg	1	8/16/2019 8:58:55 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/16/2019 8:58:55 PM
Surr: DNOP	86.8	70-130		%Rec	1	8/16/2019 8:58:55 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/15/2019 8:01:42 PM
Surr: BFB	93.0	77.4-118		%Rec	1	8/15/2019 8:01:42 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/15/2019 8:01:42 PM
Toluene	ND	0.049		mg/Kg	1	8/15/2019 8:01:42 PM
Ethylbenzene	ND	0.049		mg/Kg	1	8/15/2019 8:01:42 PM
Xylenes, Total	ND	0.097		mg/Kg	1	8/15/2019 8:01:42 PM
Surr: 4-Bromofluorobenzene	93.2	80-120		%Rec	1	8/15/2019 8:01:42 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	160	60		mg/Kg	20	8/15/2019 2:10:43 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-004 **Matrix:** SOIL

Client Sample ID: B-2 8'
Collection Date: 8/8/2019 8:51:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	40	10		mg/Kg	1	8/16/2019 9:23:36 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/16/2019 9:23:36 PM
Surr: DNOP	93.4	70-130		%Rec	1	8/16/2019 9:23:36 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/15/2019 9:12:05 PM
Surr: BFB	101	77.4-118		%Rec	1	8/15/2019 9:12:05 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	8/15/2019 9:12:05 PM
Toluene	ND	0.049		mg/Kg	1	8/15/2019 9:12:05 PM
Ethylbenzene	ND	0.049		mg/Kg	1	8/15/2019 9:12:05 PM
Xylenes, Total	ND	0.098		mg/Kg	1	8/15/2019 9:12:05 PM
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	8/15/2019 9:12:05 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	170	60		mg/Kg	20	8/15/2019 2:23:08 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-005 **Matrix:** SOIL

Client Sample ID: B-3 0-1'
Collection Date: 8/8/2019 9:15:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	11000	460		mg/Kg	50	8/19/2019 1:27:21 AM
Motor Oil Range Organics (MRO)	5400	2300		mg/Kg	50	8/19/2019 1:27:21 AM
Surr: DNOP	0	70-130	S	%Rec	50	8/19/2019 1:27:21 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	140	24		mg/Kg	5	8/15/2019 10:22:53 PM
Surr: BFB	275	77.4-118	S	%Rec	5	8/15/2019 10:22:53 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.12		mg/Kg	5	8/15/2019 10:22:53 PM
Toluene	0.72	0.24		mg/Kg	5	8/15/2019 10:22:53 PM
Ethylbenzene	1.3	0.24		mg/Kg	5	8/15/2019 10:22:53 PM
Xylenes, Total	8.0	0.48		mg/Kg	5	8/15/2019 10:22:53 PM
Surr: 4-Bromofluorobenzene	112	80-120		%Rec	5	8/15/2019 10:22:53 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	18000	1500		mg/Kg	500	8/16/2019 4:10:35 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-006 **Matrix:** SOIL

Client Sample ID: B-3 2'
Collection Date: 8/8/2019 9:17:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	63	9.0		mg/Kg	1	8/16/2019 10:37:43 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	8/16/2019 10:37:43 PM
Surr: DNOP	89.0	70-130		%Rec	1	8/16/2019 10:37:43 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/15/2019 11:57:50 PM
Surr: BFB	97.3	77.4-118		%Rec	1	8/15/2019 11:57:50 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/15/2019 11:57:50 PM
Toluene	ND	0.047		mg/Kg	1	8/15/2019 11:57:50 PM
Ethylbenzene	ND	0.047		mg/Kg	1	8/15/2019 11:57:50 PM
Xylenes, Total	ND	0.095		mg/Kg	1	8/15/2019 11:57:50 PM
Surr: 4-Bromofluorobenzene	95.0	80-120		%Rec	1	8/15/2019 11:57:50 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	690	60		mg/Kg	20	8/15/2019 3:37:36 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-007 **Matrix:** SOIL

Client Sample ID: B-3 3'
Collection Date: 8/8/2019 9:19:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	33	9.8		mg/Kg	1	8/16/2019 11:02:13 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/16/2019 11:02:13 PM
Surr: DNOP	90.3	70-130		%Rec	1	8/16/2019 11:02:13 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/16/2019 12:21:25 AM
Surr: BFB	97.8	77.4-118		%Rec	1	8/16/2019 12:21:25 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	8/16/2019 12:21:25 AM
Toluene	ND	0.049		mg/Kg	1	8/16/2019 12:21:25 AM
Ethylbenzene	ND	0.049		mg/Kg	1	8/16/2019 12:21:25 AM
Xylenes, Total	ND	0.099		mg/Kg	1	8/16/2019 12:21:25 AM
Surr: 4-Bromofluorobenzene	95.2	80-120		%Rec	1	8/16/2019 12:21:25 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	120	60		mg/Kg	20	8/15/2019 3:50:00 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-008 **Matrix:** SOIL

Client Sample ID: B-3 4'
Collection Date: 8/8/2019 9:21:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	71	9.5		mg/Kg	1	8/16/2019 11:26:56 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/16/2019 11:26:56 PM
Surr: DNOP	89.0	70-130		%Rec	1	8/16/2019 11:26:56 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/16/2019 12:44:58 AM
Surr: BFB	96.4	77.4-118		%Rec	1	8/16/2019 12:44:58 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/16/2019 12:44:58 AM
Toluene	ND	0.048		mg/Kg	1	8/16/2019 12:44:58 AM
Ethylbenzene	ND	0.048		mg/Kg	1	8/16/2019 12:44:58 AM
Xylenes, Total	ND	0.097		mg/Kg	1	8/16/2019 12:44:58 AM
Surr: 4-Bromofluorobenzene	94.8	80-120		%Rec	1	8/16/2019 12:44:58 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	150	60		mg/Kg	20	8/15/2019 4:02:25 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-009 **Matrix:** SOIL

Client Sample ID: B-3 5'
Collection Date: 8/8/2019 9:30:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	1700	95		mg/Kg	10	8/16/2019 11:51:32 PM
Motor Oil Range Organics (MRO)	800	470		mg/Kg	10	8/16/2019 11:51:32 PM
Surr: DNOP	0	70-130	S	%Rec	10	8/16/2019 11:51:32 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	12	4.7		mg/Kg	1	8/16/2019 1:08:31 AM
Surr: BFB	173	77.4-118	S	%Rec	1	8/16/2019 1:08:31 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/16/2019 1:08:31 AM
Toluene	0.11	0.047		mg/Kg	1	8/16/2019 1:08:31 AM
Ethylbenzene	0.14	0.047		mg/Kg	1	8/16/2019 1:08:31 AM
Xylenes, Total	0.79	0.095		mg/Kg	1	8/16/2019 1:08:31 AM
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	8/16/2019 1:08:31 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	3500	150		mg/Kg	50	8/16/2019 4:22:59 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-010 **Matrix:** SOIL

Client Sample ID: B-3 6'
Collection Date: 8/8/2019 9:32:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	8/17/2019 12:16:04 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/17/2019 12:16:04 AM
Surr: DNOP	82.0	70-130		%Rec	1	8/17/2019 12:16:04 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/16/2019 1:32:06 AM
Surr: BFB	100	77.4-118		%Rec	1	8/16/2019 1:32:06 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	8/16/2019 1:32:06 AM
Toluene	ND	0.050		mg/Kg	1	8/16/2019 1:32:06 AM
Ethylbenzene	ND	0.050		mg/Kg	1	8/16/2019 1:32:06 AM
Xylenes, Total	ND	0.10		mg/Kg	1	8/16/2019 1:32:06 AM
Surr: 4-Bromofluorobenzene	98.4	80-120		%Rec	1	8/16/2019 1:32:06 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	8/15/2019 4:27:14 PM

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-011 **Matrix:** SOIL

Client Sample ID: B-3 7'
Collection Date: 8/8/2019 9:34:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/17/2019 12:40:50 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/17/2019 12:40:50 AM
Surr: DNOP	90.1	70-130		%Rec	1	8/17/2019 12:40:50 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/16/2019 1:55:52 AM
Surr: BFB	97.3	77.4-118		%Rec	1	8/16/2019 1:55:52 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/16/2019 1:55:52 AM
Toluene	ND	0.048		mg/Kg	1	8/16/2019 1:55:52 AM
Ethylbenzene	ND	0.048		mg/Kg	1	8/16/2019 1:55:52 AM
Xylenes, Total	ND	0.096		mg/Kg	1	8/16/2019 1:55:52 AM
Surr: 4-Bromofluorobenzene	95.4	80-120		%Rec	1	8/16/2019 1:55:52 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	8/15/2019 4:39:38 PM

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Client Sample ID: B-3 8'
Project: Devon Weems Battery
Collection Date: 8/8/2019 9:36:00 AM
Lab ID: 1908721-012 **Matrix:** SOIL
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	8.6		mg/Kg	1	8/17/2019 1:05:39 AM
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	8/17/2019 1:05:39 AM
Surr: DNOP	87.8	70-130		%Rec	1	8/17/2019 1:05:39 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/16/2019 2:19:27 AM
Surr: BFB	97.9	77.4-118		%Rec	1	8/16/2019 2:19:27 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	8/16/2019 2:19:27 AM
Toluene	ND	0.049		mg/Kg	1	8/16/2019 2:19:27 AM
Ethylbenzene	ND	0.049		mg/Kg	1	8/16/2019 2:19:27 AM
Xylenes, Total	ND	0.099		mg/Kg	1	8/16/2019 2:19:27 AM
Surr: 4-Bromofluorobenzene	96.9	80-120		%Rec	1	8/16/2019 2:19:27 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	8/15/2019 4:52:03 PM

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-013 **Matrix:** SOIL

Client Sample ID: S-9 0'-1'
Collection Date: 8/8/2019 8:00:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	480	9.2		mg/Kg	1	8/19/2019 2:16:13 AM
Motor Oil Range Organics (MRO)	440	46		mg/Kg	1	8/19/2019 2:16:13 AM
Surr: DNOP	113	70-130		%Rec	1	8/19/2019 2:16:13 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/16/2019 2:42:59 AM
Surr: BFB	123	77.4-118	S	%Rec	1	8/16/2019 2:42:59 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	8/16/2019 2:42:59 AM
Toluene	ND	0.050		mg/Kg	1	8/16/2019 2:42:59 AM
Ethylbenzene	ND	0.050		mg/Kg	1	8/16/2019 2:42:59 AM
Xylenes, Total	0.13	0.099		mg/Kg	1	8/16/2019 2:42:59 AM
Surr: 4-Bromofluorobenzene	99.7	80-120		%Rec	1	8/16/2019 2:42:59 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	9800	600		mg/Kg	200	8/16/2019 4:35:24 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-014 **Matrix:** SOIL

Client Sample ID: B-1 0'-1'
Collection Date: 8/8/2019 8:05:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	12000	180		mg/Kg	20	8/17/2019 5:31:32 PM
Motor Oil Range Organics (MRO)	5000	920		mg/Kg	20	8/17/2019 5:31:32 PM
Surr: DNOP	0	70-130	S	%Rec	20	8/17/2019 5:31:32 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	150	24		mg/Kg	5	8/16/2019 3:06:32 AM
Surr: BFB	331	77.4-118	S	%Rec	5	8/16/2019 3:06:32 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.12		mg/Kg	5	8/16/2019 3:06:32 AM
Toluene	0.61	0.24		mg/Kg	5	8/16/2019 3:06:32 AM
Ethylbenzene	1.3	0.24		mg/Kg	5	8/16/2019 3:06:32 AM
Xylenes, Total	7.9	0.48		mg/Kg	5	8/16/2019 3:06:32 AM
Surr: 4-Bromofluorobenzene	119	80-120		%Rec	5	8/16/2019 3:06:32 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	28000	1500		mg/Kg	500	8/16/2019 5:12:38 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-015 **Matrix:** SOIL

Client Sample ID: B-1 2'
Collection Date: 8/8/2019 8:07:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/17/2019 6:16:31 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/17/2019 6:16:31 PM
Surr: DNOP	82.0	70-130		%Rec	1	8/17/2019 6:16:31 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/16/2019 3:30:09 AM
Surr: BFB	108	77.4-118		%Rec	1	8/16/2019 3:30:09 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/16/2019 3:30:09 AM
Toluene	ND	0.049		mg/Kg	1	8/16/2019 3:30:09 AM
Ethylbenzene	ND	0.049		mg/Kg	1	8/16/2019 3:30:09 AM
Xylenes, Total	ND	0.097		mg/Kg	1	8/16/2019 3:30:09 AM
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	8/16/2019 3:30:09 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	600	60		mg/Kg	20	8/15/2019 7:45:45 PM

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-016 **Matrix:** SOIL

Client Sample ID: B-1 3'
Collection Date: 8/8/2019 8:09:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/16/2019 5:56:38 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/16/2019 5:56:38 PM
Surr: DNOP	102	70-130		%Rec	1	8/16/2019 5:56:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/15/2019 9:14:11 PM
Surr: BFB	105	77.4-118		%Rec	1	8/15/2019 9:14:11 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/15/2019 9:14:11 PM
Toluene	ND	0.048		mg/Kg	1	8/15/2019 9:14:11 PM
Ethylbenzene	ND	0.048		mg/Kg	1	8/15/2019 9:14:11 PM
Xylenes, Total	ND	0.095		mg/Kg	1	8/15/2019 9:14:11 PM
Surr: 4-Bromofluorobenzene	99.2	80-120		%Rec	1	8/15/2019 9:14:11 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	67	60		mg/Kg	20	8/15/2019 8:22:57 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-017 **Matrix:** SOIL

Client Sample ID: B-1 4'
Collection Date: 8/8/2019 8:11:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/16/2019 6:19:09 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/16/2019 6:19:09 PM
Surr: DNOP	85.7	70-130		%Rec	1	8/16/2019 6:19:09 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/15/2019 9:37:01 PM
Surr: BFB	103	77.4-118		%Rec	1	8/15/2019 9:37:01 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/15/2019 9:37:01 PM
Toluene	ND	0.047		mg/Kg	1	8/15/2019 9:37:01 PM
Ethylbenzene	ND	0.047		mg/Kg	1	8/15/2019 9:37:01 PM
Xylenes, Total	ND	0.094		mg/Kg	1	8/15/2019 9:37:01 PM
Surr: 4-Bromofluorobenzene	95.8	80-120		%Rec	1	8/15/2019 9:37:01 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	82	60		mg/Kg	20	8/15/2019 8:35:21 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-018 **Matrix:** SOIL

Client Sample ID: B-1 5'
Collection Date: 8/8/2019 8:13:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	4400	96		mg/Kg	10	8/16/2019 6:41:30 PM
Motor Oil Range Organics (MRO)	2500	480		mg/Kg	10	8/16/2019 6:41:30 PM
Surr: DNOP	0	70-130	S	%Rec	10	8/16/2019 6:41:30 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	57	24		mg/Kg	5	8/15/2019 9:59:49 PM
Surr: BFB	192	77.4-118	S	%Rec	5	8/15/2019 9:59:49 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.12		mg/Kg	5	8/15/2019 9:59:49 PM
Toluene	ND	0.24		mg/Kg	5	8/15/2019 9:59:49 PM
Ethylbenzene	0.39	0.24		mg/Kg	5	8/15/2019 9:59:49 PM
Xylenes, Total	3.0	0.49		mg/Kg	5	8/15/2019 9:59:49 PM
Surr: 4-Bromofluorobenzene	111	80-120		%Rec	5	8/15/2019 9:59:49 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	7900	300		mg/Kg	100	8/16/2019 5:25:03 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-019 **Matrix:** SOIL

Client Sample ID: B-1 6'
Collection Date: 8/8/2019 8:15:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	13	9.2		mg/Kg	1	8/16/2019 7:03:53 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/16/2019 7:03:53 PM
Surr: DNOP	88.7	70-130		%Rec	1	8/16/2019 7:03:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/15/2019 10:22:49 PM
Surr: BFB	111	77.4-118		%Rec	1	8/15/2019 10:22:49 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	8/15/2019 10:22:49 PM
Toluene	ND	0.049		mg/Kg	1	8/15/2019 10:22:49 PM
Ethylbenzene	ND	0.049		mg/Kg	1	8/15/2019 10:22:49 PM
Xylenes, Total	ND	0.098		mg/Kg	1	8/15/2019 10:22:49 PM
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	8/15/2019 10:22:49 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	100	59		mg/Kg	20	8/15/2019 9:00:10 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-020 **Matrix:** SOIL

Client Sample ID: B-1 7'
Collection Date: 8/8/2019 8:20:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/16/2019 7:26:19 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/16/2019 7:26:19 PM
Surr: DNOP	86.7	70-130		%Rec	1	8/16/2019 7:26:19 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/15/2019 10:45:51 PM
Surr: BFB	107	77.4-118		%Rec	1	8/15/2019 10:45:51 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	8/15/2019 10:45:51 PM
Toluene	ND	0.047		mg/Kg	1	8/15/2019 10:45:51 PM
Ethylbenzene	ND	0.047		mg/Kg	1	8/15/2019 10:45:51 PM
Xylenes, Total	ND	0.094		mg/Kg	1	8/15/2019 10:45:51 PM
Surr: 4-Bromofluorobenzene	99.8	80-120		%Rec	1	8/15/2019 10:45:51 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	62	60		mg/Kg	20	8/15/2019 9:12:34 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-021 **Matrix:** SOIL

Client Sample ID: B-1 8'
Collection Date: 8/8/2019 8:25:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/16/2019 7:48:47 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/16/2019 7:48:47 PM
Surr: DNOP	89.0	70-130		%Rec	1	8/16/2019 7:48:47 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/15/2019 11:08:57 PM
Surr: BFB	105	77.4-118		%Rec	1	8/15/2019 11:08:57 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/15/2019 11:08:57 PM
Toluene	ND	0.047		mg/Kg	1	8/15/2019 11:08:57 PM
Ethylbenzene	ND	0.047		mg/Kg	1	8/15/2019 11:08:57 PM
Xylenes, Total	ND	0.094		mg/Kg	1	8/15/2019 11:08:57 PM
Surr: 4-Bromofluorobenzene	97.4	80-120		%Rec	1	8/15/2019 11:08:57 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	0.67	0.60		mg/Kg	20	8/15/2019 9:24:59 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-022 **Matrix:** SOIL

Client Sample ID: B-2 0'-1'
Collection Date: 8/8/2019 8:30:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	5100	97		mg/Kg	10	8/16/2019 8:11:07 PM
Motor Oil Range Organics (MRO)	2600	490		mg/Kg	10	8/16/2019 8:11:07 PM
Surr: DNOP	0	70-130	S	%Rec	10	8/16/2019 8:11:07 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	26	24		mg/Kg	5	8/15/2019 11:32:04 PM
Surr: BFB	143	77.4-118	S	%Rec	5	8/15/2019 11:32:04 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.12		mg/Kg	5	8/15/2019 11:32:04 PM
Toluene	ND	0.24		mg/Kg	5	8/15/2019 11:32:04 PM
Ethylbenzene	ND	0.24		mg/Kg	5	8/15/2019 11:32:04 PM
Xylenes, Total	1.2	0.49		mg/Kg	5	8/15/2019 11:32:04 PM
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	5	8/15/2019 11:32:04 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	19000	610		mg/Kg	200	8/16/2019 5:37:27 PM

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Project: Devon Weems Battery
Lab ID: 1908721-023 **Matrix:** SOIL

Client Sample ID: B-2 3'
Collection Date: 8/8/2019 8:35:00 AM
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/17/2019 1:25:39 PM
Motor Oil Range Organics (MRO)	ND	51		mg/Kg	1	8/17/2019 1:25:39 PM
Surr: DNOP	74.7	70-130		%Rec	1	8/17/2019 1:25:39 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/16/2019 10:57:10 AM
Surr: BFB	94.6	77.4-118		%Rec	1	8/16/2019 10:57:10 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	8/16/2019 10:57:10 AM
Toluene	ND	0.049		mg/Kg	1	8/16/2019 10:57:10 AM
Ethylbenzene	ND	0.049		mg/Kg	1	8/16/2019 10:57:10 AM
Xylenes, Total	ND	0.098		mg/Kg	1	8/16/2019 10:57:10 AM
Surr: 4-Bromofluorobenzene	94.2	80-120		%Rec	1	8/16/2019 10:57:10 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	160	60		mg/Kg	20	8/16/2019 1:16:50 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE
Client Sample ID: B-2 4'
Project: Devon Weems Battery
Collection Date: 8/8/2019 8:40:00 AM
Lab ID: 1908721-024 **Matrix:** SOIL
Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/17/2019 1:47:50 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/17/2019 1:47:50 PM
Surr: DNOP	58.1	70-130	S	%Rec	1	8/17/2019 1:47:50 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/16/2019 12:07:35 PM
Surr: BFB	93.0	77.4-118		%Rec	1	8/16/2019 12:07:35 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	8/16/2019 12:07:35 PM
Toluene	ND	0.049		mg/Kg	1	8/16/2019 12:07:35 PM
Ethylbenzene	ND	0.049		mg/Kg	1	8/16/2019 12:07:35 PM
Xylenes, Total	ND	0.099		mg/Kg	1	8/16/2019 12:07:35 PM
Surr: 4-Bromofluorobenzene	92.9	80-120		%Rec	1	8/16/2019 12:07:35 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	170	60		mg/Kg	20	8/16/2019 1:29:15 PM

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client: Talon LPE

Project: Devon Weems Battery

Sample ID: **MB-46814**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **46814**	RunNo: **62163**							
Prep Date: **8/15/2019**	Analysis Date: **8/15/2019**	SeqNo: **2111358**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-46814**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **46814**	RunNo: **62163**							
Prep Date: **8/15/2019**	Analysis Date: **8/15/2019**	SeqNo: **2111359**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

Sample ID: **MB-46826**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **46826**	RunNo: **62163**							
Prep Date: **8/15/2019**	Analysis Date: **8/15/2019**	SeqNo: **2111412**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-46826**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **46826**	RunNo: **62163**							
Prep Date: **8/15/2019**	Analysis Date: **8/15/2019**	SeqNo: **2111413**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Sample ID: **MB-46848**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **46848**	RunNo: **62203**							
Prep Date: **8/16/2019**	Analysis Date: **8/16/2019**	SeqNo: **2113198**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	4.5								

Sample ID: **LCS-46848**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **46848**	RunNo: **62203**							
Prep Date: **8/16/2019**	Analysis Date: **8/16/2019**	SeqNo: **2113199**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client: Talon LPE

Project: Devon Weems Battery

Sample ID: LCS-46810	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 46810	RunNo: 62181							
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2111029	Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.7		5.000		73.8	70	130			

Sample ID: MB-46810	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 46810	RunNo: 62181							
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2111030	Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.2		10.00		82.3	70	130			

Sample ID: MB-46809	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 46809	RunNo: 62188							
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2111854	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	7.8		10.00		77.7	70	130			

Sample ID: LCS-46809	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 46809	RunNo: 62188							
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2111972	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.0	63.9	124			
Surr: DNOP	3.3		5.000		66.5	70	130			S

Sample ID: MB-46851	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 46851	RunNo: 62213							
Prep Date: 8/16/2019	Analysis Date: 8/17/2019	SeqNo: 2112564	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.2		10.00		92.3	70	130			

Sample ID: MB-46852	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 46852	RunNo: 62213							
Prep Date: 8/16/2019	Analysis Date: 8/17/2019	SeqNo: 2112565	Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client: Talon LPE

Project: Devon Weems Battery

Sample ID: MB-46852	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 46852	RunNo: 62213							
Prep Date: 8/16/2019	Analysis Date: 8/17/2019	SeqNo: 2112565	Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.3		10.00		83.0	70	130			

Sample ID: LCS-46851	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 46851	RunNo: 62213							
Prep Date: 8/16/2019	Analysis Date: 8/17/2019	SeqNo: 2112567	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	94.9	63.9	124			
Surr: DNOP	3.9		5.000		77.7	70	130			

Sample ID: LCS-46852	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 46852	RunNo: 62213							
Prep Date: 8/16/2019	Analysis Date: 8/17/2019	SeqNo: 2112568	Units: %Rec						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	3.6		5.000		72.9	70	130			

Sample ID: MB-46808	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 46808	RunNo: 62181							
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2112728	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	7.8		10.00		77.6	70	130			

Sample ID: LCS-46808	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 46808	RunNo: 62217							
Prep Date: 8/15/2019	Analysis Date: 8/18/2019	SeqNo: 2113034	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	63.9	124			
Surr: DNOP	4.8		5.000		96.8	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client: Talon LPE

Project: Devon Weems Battery

Sample ID: 1908721-003AMSD	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: B-2 7'	Batch ID: 46796	RunNo: 62164							
Prep Date: 8/14/2019	Analysis Date: 8/15/2019	SeqNo: 2110723	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	126	69.1	142	5.26	20	
Surr: BFB	1000		965.3		109	77.4	118	0	0	

Sample ID: MB-46796	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 46796	RunNo: 62164							
Prep Date: 8/14/2019	Analysis Date: 8/15/2019	SeqNo: 2110752	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	77.4	118			

Sample ID: LCS-46796	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 46796	RunNo: 62164							
Prep Date: 8/14/2019	Analysis Date: 8/15/2019	SeqNo: 2110754	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	90.6	80	120			
Surr: BFB	1100		1000		105	77.4	118			

Sample ID: 1908721-003AMS	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: B-2 7'	Batch ID: 46796	RunNo: 62164							
Prep Date: 8/14/2019	Analysis Date: 8/15/2019	SeqNo: 2110756	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	32	4.9	24.41	0	131	69.1	142			
Surr: BFB	1100		976.6		116	77.4	118			

Sample ID: MB-46816	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 46816	RunNo: 62170							
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2112385	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		94.1	77.4	118			

Sample ID: LCS-46816	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 46816	RunNo: 62170							
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2112386	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client: Talon LPE

Project: Devon Weems Battery

Sample ID: **LCS-46816**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **46816**	RunNo: **62170**
Prep Date: **8/15/2019**	Analysis Date: **8/16/2019**	SeqNo: **2112386** 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	90.3	80	120			
Surr: BFB	1000		1000		104	77.4	118			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client: Talon LPE

Project: Devon Weems Battery

Sample ID: **MB-46796** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **PBS** Batch ID: **46796** RunNo: **62164**

Prep Date: **8/14/2019** Analysis Date: **8/15/2019** SeqNo: **2110793** 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	0.97		1.000		96.6	80	120			

Sample ID: **LCS-46796** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **LCSS** Batch ID: **46796** RunNo: **62164**

Prep Date: **8/14/2019** Analysis Date: **8/15/2019** SeqNo: **2110794** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	95.8	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	103	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 4-Bromofluorobenzene	0.96		1.000		96.1	80	120			

Sample ID: **1908721-004AMS** SampType: **MS** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **B-2 8'** Batch ID: **46796** RunNo: **62164**

Prep Date: **8/14/2019** Analysis Date: **8/15/2019** SeqNo: **2110797** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.3	0.024	0.9643	0	133	63.9	127			S
Toluene	1.4	0.048	0.9643	0.009912	141	69.9	131			S
Ethylbenzene	1.4	0.048	0.9643	0	145	71	132			S
Xylenes, Total	4.2	0.096	2.893	0.02002	144	71.8	131			S
Surr: 4-Bromofluorobenzene	0.94		0.9643		97.0	80	120			

Sample ID: **1908721-004AMSD** SampType: **MSD** TestCode: **EPA Method 8021B: Volatiles**

Client ID: **B-2 8'** Batch ID: **46796** RunNo: **62164**

Prep Date: **8/14/2019** Analysis Date: **8/15/2019** SeqNo: **2110798** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.4	0.025	0.9881	0	137	63.9	127	5.75	20	S
Toluene	1.4	0.049	0.9881	0.009912	146	69.9	131	5.30	20	S
Ethylbenzene	1.5	0.049	0.9881	0	147	71	132	3.69	20	S
Xylenes, Total	4.4	0.099	2.964	0.02002	146	71.8	131	3.97	20	S
Surr: 4-Bromofluorobenzene	0.91		0.9881		92.5	80	120	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client: Talon LPE

Project: Devon Weems Battery

Sample ID: MB-46816	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles
Client ID: PBS	Batch ID: 46816	RunNo: 62170
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2112429 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	0.94		1.000		93.5	80	120			

Sample ID: LCS-46816	SampType: LCS	TestCode: EPA Method 8021B: Volatiles
Client ID: LCSS	Batch ID: 46816	RunNo: 62170
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2112430 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	91.6	80	120			
Toluene	0.99	0.050	1.000	0	98.8	80	120			
Ethylbenzene	0.99	0.050	1.000	0	98.7	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.1	80	120			
Surr: 4-Bromofluorobenzene	0.95		1.000		94.7	80	120			

Sample ID: 1908721-023AMS	SampType: MS	TestCode: EPA Method 8021B: Volatiles
Client ID: B-2 3'	Batch ID: 46816	RunNo: 62170
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2112432 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9804	0	102	63.9	127			
Toluene	1.1	0.049	0.9804	0	111	69.9	131			
Ethylbenzene	1.1	0.049	0.9804	0	114	71	132			
Xylenes, Total	3.4	0.098	2.941	0.01756	114	71.8	131			
Surr: 4-Bromofluorobenzene	0.94		0.9804		95.7	80	120			

Sample ID: 1908721-023AMSD	SampType: MSD	TestCode: EPA Method 8021B: Volatiles
Client ID: B-2 3'	Batch ID: 46816	RunNo: 62170
Prep Date: 8/15/2019	Analysis Date: 8/16/2019	SeqNo: 2112433 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9970	0	104	63.9	127	4.00	20	
Toluene	1.1	0.050	0.9970	0	114	69.9	131	4.13	20	
Ethylbenzene	1.2	0.050	0.9970	0	116	71	132	3.92	20	
Xylenes, Total	3.5	0.10	2.991	0.01756	116	71.8	131	3.71	20	
Surr: 4-Bromofluorobenzene	0.96		0.9970		96.7	80	120	0	0	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client: Talon LPE

Project: Devon Weems Battery

Sample ID: **lcs-46788**	SampType: **LCS**	TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **LCSS**	Batch ID: **46788**	RunNo: **62184**
Prep Date: **8/14/2019**	Analysis Date: **8/15/2019**	SeqNo: **2111236** 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	88.0	68	135			
Toluene	0.95	0.050	1.000	0	94.8	70	130			
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		101	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		97.5	70	130			
Surr: Dibromofluoromethane	0.51		0.5000		101	70	130			
Surr: Toluene-d8	0.48		0.5000		96.4	70	130			

Sample ID: **mb-46788**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS**	Batch ID: **46788**	RunNo: **62184**
Prep Date: **8/14/2019**	Analysis Date: **8/15/2019**	SeqNo: **2111237** 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	0.48		0.5000		96.4	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		100	70	130			
Surr: Dibromofluoromethane	0.50		0.5000		99.7	70	130			
Surr: Toluene-d8	0.51		0.5000		102	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client: Talon LPE

Project: Devon Weems Battery

Sample ID: **lcs-46788**	SampType: **LCS**			TestCode: **EPA Method 8015D Mod: Gasoline Range**						
Client ID: **LCSS**	Batch ID: **46788**			RunNo: **62184**						
Prep Date: **8/14/2019**	Analysis Date: **8/15/2019**			SeqNo: **2111350**		Units: **mg/Kg**				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	83.6	70	130			
Surr: BFB	450		500.0		90.8	70	130			

Sample ID: **mb-46788**	SampType: **MBLK**			TestCode: **EPA Method 8015D Mod: Gasoline Range**						
Client ID: **PBS**	Batch ID: **46788**			RunNo: **62184**						
Prep Date: **8/14/2019**	Analysis Date: **8/15/2019**			SeqNo: **2111351**		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	470		500.0		94.8	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: TALON ARTESIA Work Order Number: 1908721 RcptNo: 1

Received By: Erin Melendrez 8/13/2019 9:35:00 AM

Completed By: Leah Baca 8/13/2019 1:28:11 PM

Reviewed By: ENH 8/13/19

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: ____ (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted? ____
13. Is it clear what analyses were requested?	Yes ☑	No ☐	Checked by: YG 8/13/19
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

Special Handling (if applicable)

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

Person Notified: Michael Cottle Date: 8/13/19
By Whom: Leah Baca Via: ☐ eMail ☒ Phone ☐ Fax ☐ In Person
Regarding: sample date of collection discrepancy
Client Instructions: All samples were collected on 8/8/19

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.2	Good	Yes			

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
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time: 5day Turn
☒ Standard ☐ Rush

Project Name: Devon Weems Battery

Project #: 700794.297.01

Project Manager: David Adkins

Sampler: Michael Collier

On Ice: ☒ Yes ☐ No

Sample Temperature: 3.7-0.5(CF)=3.2°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F^-,Cl^-,NO_3^-,NO_2^-,PO_4^{3-},SO_4^{2-})	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Total Chlorides				Air Bubbles (Y or N)
8/8/19	0845	soil	B-2 5'	4oz jar	ice	1908721-001	✓		✓									✓				
	0847		B-2 6'			-002																
	0849		B-2 7'			-003																
	0851		B-2 8'			-004																
	0915		B-3 0-1'			-005																
	0917		B-3 2'			-006																
	0919		B-3 3'			-007																
	0921		B-3 4'			-008																
	0930		B-3 5'			-009																
	0932		B-3 6'			-010																
	0934		B-3 7'			-011																
	0936		B-3 8'			-012																

LB per Michael Collier

Date:	Time:	Relinquished by:	Received by:	Date	Time
8/12/19	1122	Michael Collier		8/12/19	1122
8/12/19	1900		courier	8/13/19	0935

Remarks:

Pg. 2 of 2

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 #:

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 day Turn
☒ Standard ☐ Rush

Project Name: DEVON WEEMS BATTERY

Project #: 700794.297.01

Project Manager: D. ADKINS

Sampler: MICHAEL COLLIER

On Ice: ☒ Yes ☐ No

Sample Temperature: 3.7-0.5(CF)=3.2°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1908721	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	TOTAL CHLORIDES				Air Bubbles (Y or N)
8/8/19	8:00	SOIL	S-9 0'-1'	4oz JAR 1	ICE	-013	✓		✓									✓				
	8:05		B-1 0'-1'			-014																
	8:07		B-1 2'			-015																
	8:09		B-1 3'			-016																
	8:11		B-1 4'			-017																
	8:13		B-1 5'			-018																
	8:15		B-1 6'			-019																
	8:20		B-1 7'			-020																
	8:25		B-1 8'			-021																
	8:30		B-2 0'-1'			-022																
	8:35		B-2 3'			-023																
	8:40		B-2 4'			-024																

Date:	Time:	Relinquished by:	Received by:	Date	Time	Remarks:
8/12/19	1122			8/12/19	1122	
8/12/19	1900		Courier	8/13/19	0935	PG. 1 of 2

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.

Analytical Report 646503

for

Talon LPE-Artesia

Project Manager: David Adkins

Devon Weems Battery

700794.297.01

12.17.2019

Collected By: Client

1089 N Canal Street
Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

12.17.2019

Project Manager: **David Adkins**
Talon LPE-Artesia
408 West Texas St.
Artesia, NM 88210

Reference: XENCO Report No(s): **646503**
Devon Weems Battery
Project Address: Eddy County

David Adkins:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 646503. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 646503 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer
Project Assistant

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Sample Cross Reference 646503

Talon LPE-Artesia, Artesia, NM

Devon Weems Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SW-1	S	12.16.2019 09:45	2 ft	646503-001
SW-2	S	12.16.2019 09:55	2 ft	646503-002
SW-3	S	12.16.2019 10:30	2 ft	646503-003
SW-4	S	12.16.2019 10:45	2 ft	646503-004
SW-5	S	12.16.2019 11:10	2 ft	646503-005
SW-6	S	12.16.2019 11:35	2 ft	646503-006
BC-1	S	12.16.2019 11:50	2 ft	646503-007
BC-2	S	12.16.2019 12:05	2 ft	646503-008
BC-3	S	12.16.2019 12:20	2 ft	646503-009
BC-4	S	12.16.2019 12:50	2 ft	646503-010
BC-5	S	12.16.2019 13:10	2 ft	646503-011
BC-6	S	12.16.2019 13:25	2 ft	646503-012
BC-7	S	12.16.2019 13:35	2 ft	646503-013
BC-8	S	12.16.2019 13:45	2 ft	646503-014
BC-9	S	12.16.2019 14:00	1 ft	646503-015
BC-10	S	12.16.2019 14:15	2 ft	646503-016
BC-11	S	12.16.2019 14:30	1 ft	646503-017

CASE NARRATIVE

Client Name: Talon LPE-Artesia

Project Name: Devon Weems Battery

Project ID: *700794.297.01*
Work Order Number(s): *646503*

Report Date: *12.17.2019*
Date Received: *12.16.2019*

This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory.

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3110703 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3110711 Inorganic Anions by EPA 300/300.1

Lab Sample ID 646503-014 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 646503-004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3110729 TPH by SW8015 Mod

Lab Sample ID 646503-004 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Diesel Range Organics (DRO) recovered above QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 646503-004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017.

The Laboratory Control Sample for Diesel Range Organics (DRO) is within laboratory Control Limits, therefore the data was accepted.

Certificate of Analytical Results
646503
Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **SW-1** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-001 Date Collected: 12.16.2019 09:45 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110708 Date Prep: 12.16.2019 16:00

Prep seq: 7692540

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**11.6**	9.98	0.353	mg/kg	12.16.2019 16:47		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110724 Date Prep: 12.16.2019 16:00

Prep seq: 7692561

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.2	13.9	mg/kg	12.16.2019 16:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<11.5	50.2	11.5	mg/kg	12.16.2019 16:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.2	11.5	mg/kg	12.16.2019 16:28	U	1
Total TPH	PHC635	<11.5		11.5	mg/kg	12.16.2019 16:28	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	118	70 - 135	%		
o-Terphenyl	127	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000484	0.00199	0.000484	mg/kg	12.16.2019 19:37	U	1
Toluene	108-88-3	<0.000526	0.00199	0.000526	mg/kg	12.16.2019 19:37	U	1
Ethylbenzene	100-41-4	<0.000405	0.00199	0.000405	mg/kg	12.16.2019 19:37	U	1
m_p-Xylenes	179601-23-1	<0.000751	0.00398	0.000751	mg/kg	12.16.2019 19:37	U	1
o-Xylene	95-47-6	<0.000401	0.00199	0.000401	mg/kg	12.16.2019 19:37	U	1
Xylenes, Total	1330-20-7	<0.000401		0.000401	mg/kg	12.16.2019 19:37	U	
Total BTEX		<0.000401		0.000401	mg/kg	12.16.2019 19:37	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	100	70 - 130	%		
4-Bromofluorobenzene	97	70 - 130	%		

Certificate of Analytical Results
646503
Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **SW-2** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-002 Date Collected: 12.16.2019 09:55 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110708 Date Prep: 12.16.2019 16:00

Prep seq: 7692540

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**12.5**	9.96	0.353	mg/kg	12.16.2019 16:54		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110724 Date Prep: 12.16.2019 16:00

Prep seq: 7692561

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.2	13.9	mg/kg	12.16.2019 16:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<11.5	50.2	11.5	mg/kg	12.16.2019 16:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.2	11.5	mg/kg	12.16.2019 16:28	U	1
Total TPH	PHC635	<11.5		11.5	mg/kg	12.16.2019 16:28	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	118	70 - 135	%		
o-Terphenyl	124	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000478	0.00197	0.000478	mg/kg	12.16.2019 19:55	U	1
Toluene	108-88-3	**0.000768**	0.00197	0.000519	mg/kg	12.16.2019 19:55	J	1
Ethylbenzene	100-41-4	<0.000400	0.00197	0.000400	mg/kg	12.16.2019 19:55	U	1
m_p-Xylenes	179601-23-1	<0.000742	0.00394	0.000742	mg/kg	12.16.2019 19:55	U	1
o-Xylene	95-47-6	<0.000397	0.00197	0.000397	mg/kg	12.16.2019 19:55	U	1
Xylenes, Total	1330-20-7	<0.000397		0.000397	mg/kg	12.16.2019 19:55	U	
Total BTEX		**0.000768**		0.000397	mg/kg	12.16.2019 19:55	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	101	70 - 130	%		
4-Bromofluorobenzene	98	70 - 130	%		

Certificate of Analytical Results
646503
Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **SW-3** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-003 Date Collected: 12.16.2019 10:30 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110708 Date Prep: 12.16.2019 16:00

Prep seq: 7692540

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**2.82**	9.98	0.353	mg/kg	12.16.2019 17:00	J	1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110724 Date Prep: 12.16.2019 16:00

Prep seq: 7692561

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	12.16.2019 16:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<11.5	50.0	11.5	mg/kg	12.16.2019 16:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.0	11.5	mg/kg	12.16.2019 16:48	U	1
Total TPH	PHC635	<11.5		11.5	mg/kg	12.16.2019 16:48	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	117	70 - 135	%		
o-Terphenyl	121	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000484	0.00199	0.000484	mg/kg	12.16.2019 20:12	U	1
Toluene	108-88-3	**0.000568**	0.00199	0.000526	mg/kg	12.16.2019 20:12	J	1
Ethylbenzene	100-41-4	<0.000405	0.00199	0.000405	mg/kg	12.16.2019 20:12	U	1
m_p-Xylenes	179601-23-1	<0.000751	0.00398	0.000751	mg/kg	12.16.2019 20:12	U	1
o-Xylene	95-47-6	<0.000401	0.00199	0.000401	mg/kg	12.16.2019 20:12	U	1
Xylenes, Total	1330-20-7	<0.000401		0.000401	mg/kg	12.16.2019 20:12	U	
Total BTEX		**0.000568**		0.000401	mg/kg	12.16.2019 20:12	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	101	70 - 130	%		
4-Bromofluorobenzene	105	70 - 130	%		

Certificate of Analytical Results
646503
Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **SW-4** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-004 Date Collected: 12.16.2019 10:45 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**95.7**	10.1	0.356	mg/kg	12.16.2019 18:06	X	1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.8	49.8	13.8	mg/kg	12.16.2019 17:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	**11.4**	49.8	11.4	mg/kg	12.16.2019 17:27	JX	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.4	49.8	11.4	mg/kg	12.16.2019 17:27	U	1
Total TPH	PHC635	**11.4**		11.4	mg/kg	12.16.2019 17:27	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	125	70 - 135	%		
o-Terphenyl	133	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000485	0.00200	0.000485	mg/kg	12.16.2019 20:29	U	1
Toluene	108-88-3	<0.000527	0.00200	0.000527	mg/kg	12.16.2019 20:29	U	1
Ethylbenzene	100-41-4	<0.000405	0.00200	0.000405	mg/kg	12.16.2019 20:29	U	1
m_p-Xylenes	179601-23-1	<0.000752	0.00399	0.000752	mg/kg	12.16.2019 20:29	U	1
o-Xylene	95-47-6	<0.000402	0.00200	0.000402	mg/kg	12.16.2019 20:29	U	1
Xylenes, Total	1330-20-7	<0.000402		0.000402	mg/kg	12.16.2019 20:29	U	
Total BTEX		<0.000402		0.000402	mg/kg	12.16.2019 20:29	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	101	70 - 130	%		
4-Bromofluorobenzene	105	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **SW-5** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-005 Date Collected: 12.16.2019 11:10 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**533**	9.96	0.353	mg/kg	12.16.2019 18:24		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.0	50.3	14.0	mg/kg	12.16.2019 18:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	**11.8**	50.3	11.5	mg/kg	12.16.2019 18:07	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.3	11.5	mg/kg	12.16.2019 18:07	U	1
Total TPH	PHC635	**11.8**		11.5	mg/kg	12.16.2019 18:07	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	114	70 - 135	%		
o-Terphenyl	120	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000486	0.00200	0.000486	mg/kg	12.16.2019 20:47	U	1
Toluene	108-88-3	<0.000528	0.00200	0.000528	mg/kg	12.16.2019 20:47	U	1
Ethylbenzene	100-41-4	<0.000406	0.00200	0.000406	mg/kg	12.16.2019 20:47	U	1
m_p-Xylenes	179601-23-1	<0.000754	0.00400	0.000754	mg/kg	12.16.2019 20:47	U	1
o-Xylene	95-47-6	<0.000403	0.00200	0.000403	mg/kg	12.16.2019 20:47	U	1
Xylenes, Total	1330-20-7	<0.000403		0.000403	mg/kg	12.16.2019 20:47	U	
Total BTEX		<0.000403		0.000403	mg/kg	12.16.2019 20:47	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	100	70 - 130	%		
4-Bromofluorobenzene	100	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **SW-6** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-006 Date Collected: 12.16.2019 11:35 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**62.0**	9.94	0.352	mg/kg	12.16.2019 18:30		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.0	50.3	14.0	mg/kg	12.16.2019 18:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<11.5	50.3	11.5	mg/kg	12.16.2019 18:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.3	11.5	mg/kg	12.16.2019 18:07	U	1
Total TPH	PHC635	<11.5		11.5	mg/kg	12.16.2019 18:07	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	119	70 - 135	%		
o-Terphenyl	126	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000483	0.00199	0.000483	mg/kg	12.16.2019 21:04	U	1
Toluene	108-88-3	<0.000525	0.00199	0.000525	mg/kg	12.16.2019 21:04	U	1
Ethylbenzene	100-41-4	<0.000404	0.00199	0.000404	mg/kg	12.16.2019 21:04	U	1
m_p-Xylenes	179601-23-1	<0.000749	0.00398	0.000749	mg/kg	12.16.2019 21:04	U	1
o-Xylene	95-47-6	<0.000401	0.00199	0.000401	mg/kg	12.16.2019 21:04	U	1
Xylenes, Total	1330-20-7	<0.000401		0.000401	mg/kg	12.16.2019 21:04	U	
Total BTEX		<0.000401		0.000401	mg/kg	12.16.2019 21:04	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	102	70 - 130	%		
4-Bromofluorobenzene	106	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **BC-1** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-007 Date Collected: 12.16.2019 11:50 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**681**	9.92	0.351	mg/kg	12.16.2019 18:36		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.0	50.3	14.0	mg/kg	12.16.2019 18:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	**141**	50.3	11.5	mg/kg	12.16.2019 18:27		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**18.4**	50.3	11.5	mg/kg	12.16.2019 18:27	J	1
Total TPH	PHC635	**159**		11.5	mg/kg	12.16.2019 18:27		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	115	70 - 135	%		
o-Terphenyl	123	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000481	0.00198	0.000481	mg/kg	12.16.2019 21:22	U	1
Toluene	108-88-3	<0.000522	0.00198	0.000522	mg/kg	12.16.2019 21:22	U	1
Ethylbenzene	100-41-4	**0.00131**	0.00198	0.000402	mg/kg	12.16.2019 21:22	J	1
m_p-Xylenes	179601-23-1	**0.00469**	0.00396	0.000746	mg/kg	12.16.2019 21:22		1
o-Xylene	95-47-6	**0.00422**	0.00198	0.000399	mg/kg	12.16.2019 21:22		1
Xylenes, Total	1330-20-7	**0.00891**		0.000399	mg/kg	12.16.2019 21:22		
Total BTEX		**0.0102**		0.000399	mg/kg	12.16.2019 21:22		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	98	70 - 130	%		
4-Bromofluorobenzene	98	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
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Sample Id: **BC-2** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-008 Date Collected: 12.16.2019 12:05 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**341**	9.86	0.349	mg/kg	12.16.2019 18:43		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	49.9	13.9	mg/kg	12.16.2019 18:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	**55.6**	49.9	11.4	mg/kg	12.16.2019 18:27		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.4	49.9	11.4	mg/kg	12.16.2019 18:27	U	1
Total TPH	PHC635	**55.6**		11.4	mg/kg	12.16.2019 18:27		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	115	70 - 135	%		
o-Terphenyl	125	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000484	0.00199	0.000484	mg/kg	12.16.2019 21:39	U	1
Toluene	108-88-3	<0.000526	0.00199	0.000526	mg/kg	12.16.2019 21:39	U	1
Ethylbenzene	100-41-4	<0.000405	0.00199	0.000405	mg/kg	12.16.2019 21:39	U	1
m_p-Xylenes	179601-23-1	<0.000751	0.00398	0.000751	mg/kg	12.16.2019 21:39	U	1
o-Xylene	95-47-6	<0.000401	0.00199	0.000401	mg/kg	12.16.2019 21:39	U	1
Xylenes, Total	1330-20-7	<0.000401		0.000401	mg/kg	12.16.2019 21:39	U	
Total BTEX		<0.000401		0.000401	mg/kg	12.16.2019 21:39	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	102	70 - 130	%		
4-Bromofluorobenzene	105	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **BC-3** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-009 Date Collected: 12.16.2019 12:20 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**19.3**	9.98	0.353	mg/kg	12.16.2019 19:08		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	12.16.2019 18:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	**15.2**	50.0	11.5	mg/kg	12.16.2019 18:47	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.0	11.5	mg/kg	12.16.2019 18:47	U	1
Total TPH	PHC635	**15.2**		11.5	mg/kg	12.16.2019 18:47	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	116	70 - 135	%		
o-Terphenyl	124	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000487	0.00201	0.000487	mg/kg	12.16.2019 21:56	U	1
Toluene	108-88-3	<0.000530	0.00201	0.000530	mg/kg	12.16.2019 21:56	U	1
Ethylbenzene	100-41-4	<0.000408	0.00201	0.000408	mg/kg	12.16.2019 21:56	U	1
m_p-Xylenes	179601-23-1	<0.000757	0.00402	0.000757	mg/kg	12.16.2019 21:56	U	1
o-Xylene	95-47-6	<0.000405	0.00201	0.000405	mg/kg	12.16.2019 21:56	U	1
Xylenes, Total	1330-20-7	<0.000405		0.000405	mg/kg	12.16.2019 21:56	U	
Total BTEX		<0.000405		0.000405	mg/kg	12.16.2019 21:56	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	103	70 - 130	%		
4-Bromofluorobenzene	105	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **BC-4** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-010 Date Collected: 12.16.2019 12:50 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**1080**	9.88	0.350	mg/kg	12.16.2019 19:14		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	12.16.2019 18:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	**16.9**	50.0	11.5	mg/kg	12.16.2019 18:47	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.0	11.5	mg/kg	12.16.2019 18:47	U	1
Total TPH	PHC635	**16.9**		11.5	mg/kg	12.16.2019 18:47	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	118	70 - 135	%		
o-Terphenyl	122	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000483	0.00199	0.000483	mg/kg	12.16.2019 22:14	U	1
Toluene	108-88-3	<0.000525	0.00199	0.000525	mg/kg	12.16.2019 22:14	U	1
Ethylbenzene	100-41-4	<0.000404	0.00199	0.000404	mg/kg	12.16.2019 22:14	U	1
m_p-Xylenes	179601-23-1	<0.000749	0.00398	0.000749	mg/kg	12.16.2019 22:14	U	1
o-Xylene	95-47-6	<0.000401	0.00199	0.000401	mg/kg	12.16.2019 22:14	U	1
Xylenes, Total	1330-20-7	<0.000401		0.000401	mg/kg	12.16.2019 22:14	U	
Total BTEX		<0.000401		0.000401	mg/kg	12.16.2019 22:14	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	99	70 - 130	%		
4-Bromofluorobenzene	97	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **BC-5** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-011 Date Collected: 12.16.2019 13:10 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**18.9**	9.88	0.350	mg/kg	12.16.2019 19:20		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	49.9	13.9	mg/kg	12.16.2019 19:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	**29.3**	49.9	11.4	mg/kg	12.16.2019 19:06	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.4	49.9	11.4	mg/kg	12.16.2019 19:06	U	1
Total TPH	PHC635	**29.3**		11.4	mg/kg	12.16.2019 19:06	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	123	70 - 135	%		
o-Terphenyl	132	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000489	0.00202	0.000489	mg/kg	12.16.2019 23:23	U	1
Toluene	108-88-3	<0.000532	0.00202	0.000532	mg/kg	12.16.2019 23:23	U	1
Ethylbenzene	100-41-4	<0.000409	0.00202	0.000409	mg/kg	12.16.2019 23:23	U	1
m_p-Xylenes	179601-23-1	<0.000760	0.00403	0.000760	mg/kg	12.16.2019 23:23	U	1
o-Xylene	95-47-6	<0.000406	0.00202	0.000406	mg/kg	12.16.2019 23:23	U	1
Xylenes, Total	1330-20-7	<0.000406		0.000406	mg/kg	12.16.2019 23:23	U	
Total BTEX		<0.000406		0.000406	mg/kg	12.16.2019 23:23	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	101	70 - 130	%		
4-Bromofluorobenzene	99	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **BC-6** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-012 Date Collected: 12.16.2019 13:25 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**3590**	9.92	0.351	mg/kg	12.16.2019 19:27		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.1	13.9	mg/kg	12.16.2019 19:06	U	1
Diesel Range Organics (DRO)	C10C28DRO	**11.7**	50.1	11.5	mg/kg	12.16.2019 19:06	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.1	11.5	mg/kg	12.16.2019 19:06	U	1
Total TPH	PHC635	**11.7**		11.5	mg/kg	12.16.2019 19:06	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	113	70 - 135	%		
o-Terphenyl	120	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000482	0.00198	0.000482	mg/kg	12.16.2019 23:40	U	1
Toluene	108-88-3	<0.000524	0.00198	0.000524	mg/kg	12.16.2019 23:40	U	1
Ethylbenzene	100-41-4	**0.000744**	0.00198	0.000403	mg/kg	12.16.2019 23:40	J	1
m_p-Xylenes	179601-23-1	<0.000748	0.00397	0.000748	mg/kg	12.16.2019 23:40	U	1
o-Xylene	95-47-6	**0.00202**	0.00198	0.000400	mg/kg	12.16.2019 23:40		1
Xylenes, Total	1330-20-7	**0.00202**		0.000400	mg/kg	12.16.2019 23:40		
Total BTEX		**0.00276**		0.000400	mg/kg	12.16.2019 23:40		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	102	70 - 130	%		
4-Bromofluorobenzene	103	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **BC-7** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-013 Date Collected: 12.16.2019 13:35 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**1680**	9.88	0.350	mg/kg	12.16.2019 19:33		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	49.9	13.9	mg/kg	12.16.2019 19:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	**12.0**	49.9	11.4	mg/kg	12.16.2019 19:26	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.4	49.9	11.4	mg/kg	12.16.2019 19:26	U	1
Total TPH	PHC635	**12.0**		11.4	mg/kg	12.16.2019 19:26	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	116	70 - 135	%		
o-Terphenyl	122	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000481	0.00198	0.000481	mg/kg	12.16.2019 23:57	U	1
Toluene	108-88-3	<0.000522	0.00198	0.000522	mg/kg	12.16.2019 23:57	U	1
Ethylbenzene	100-41-4	<0.000402	0.00198	0.000402	mg/kg	12.16.2019 23:57	U	1
m_p-Xylenes	179601-23-1	<0.000746	0.00396	0.000746	mg/kg	12.16.2019 23:57	U	1
o-Xylene	95-47-6	<0.000399	0.00198	0.000399	mg/kg	12.16.2019 23:57	U	1
Xylenes, Total	1330-20-7	<0.000399		0.000399	mg/kg	12.16.2019 23:57	U	
Total BTEX		<0.000399		0.000399	mg/kg	12.16.2019 23:57	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	99	70 - 130	%		
4-Bromofluorobenzene	100	70 - 130	%		

Certificate of Analytical Results
646503
Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **BC-8** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-014 Date Collected: 12.16.2019 13:45 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**2530**	9.98	0.353	mg/kg	12.16.2019 19:39	X	1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.1	13.9	mg/kg	12.16.2019 19:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	**40.6**	50.1	11.5	mg/kg	12.16.2019 19:46	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.1	11.5	mg/kg	12.16.2019 19:46	U	1
Total TPH	PHC635	**40.6**		11.5	mg/kg	12.16.2019 19:46	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	121	70 - 135	%		
o-Terphenyl	127	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000487	0.00201	0.000487	mg/kg	12.17.2019 00:15	U	1
Toluene	108-88-3	<0.000530	0.00201	0.000530	mg/kg	12.17.2019 00:15	U	1
Ethylbenzene	100-41-4	<0.000408	0.00201	0.000408	mg/kg	12.17.2019 00:15	U	1
m_p-Xylenes	179601-23-1	<0.000757	0.00402	0.000757	mg/kg	12.17.2019 00:15	U	1
o-Xylene	95-47-6	<0.000405	0.00201	0.000405	mg/kg	12.17.2019 00:15	U	1
Xylenes, Total	1330-20-7	<0.000405		0.000405	mg/kg	12.17.2019 00:15	U	
Total BTEX		<0.000405		0.000405	mg/kg	12.17.2019 00:15	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	103	70 - 130	%		
4-Bromofluorobenzene	107	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **BC-9** Matrix: Soil Sample Depth: 1 ft

Lab Sample Id: 646503-015 Date Collected: 12.16.2019 14:00 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**73.5**	9.92	0.351	mg/kg	12.16.2019 19:57		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.8	49.9	13.8	mg/kg	12.16.2019 19:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<11.4	49.9	11.4	mg/kg	12.16.2019 19:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.4	49.9	11.4	mg/kg	12.16.2019 19:46	U	1
Total TPH	PHC635	<11.4		11.4	mg/kg	12.16.2019 19:46	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	123	70 - 135	%		
o-Terphenyl	126	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000486	0.00200	0.000486	mg/kg	12.17.2019 00:32	U	1
Toluene	108-88-3	<0.000528	0.00200	0.000528	mg/kg	12.17.2019 00:32	U	1
Ethylbenzene	100-41-4	<0.000406	0.00200	0.000406	mg/kg	12.17.2019 00:32	U	1
m_p-Xylenes	179601-23-1	<0.000754	0.00400	0.000754	mg/kg	12.17.2019 00:32	U	1
o-Xylene	95-47-6	<0.000403	0.00200	0.000403	mg/kg	12.17.2019 00:32	U	1
Xylenes, Total	1330-20-7	<0.000403		0.000403	mg/kg	12.17.2019 00:32	U	
Total BTEX		<0.000403		0.000403	mg/kg	12.17.2019 00:32	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	99	70 - 130	%		
4-Bromofluorobenzene	103	70 - 130	%		

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646503
Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **BC-10** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 646503-016 Date Collected: 12.16.2019 14:15 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**764**	9.92	0.351	mg/kg	12.16.2019 20:16		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	**15.3**	49.9	13.9	mg/kg	12.16.2019 20:05	J	1
Diesel Range Organics (DRO)	C10C28DRO	**79.0**	49.9	11.4	mg/kg	12.16.2019 20:05		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**11.9**	49.9	11.4	mg/kg	12.16.2019 20:05	J	1
Total TPH	PHC635	**106**		11.4	mg/kg	12.16.2019 20:05		

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	121	70 - 135	%		
o-Terphenyl	127	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000486	0.00200	0.000486	mg/kg	12.17.2019 00:50	U	1
Toluene	108-88-3	<0.000528	0.00200	0.000528	mg/kg	12.17.2019 00:50	U	1
Ethylbenzene	100-41-4	<0.000406	0.00200	0.000406	mg/kg	12.17.2019 00:50	U	1
m_p-Xylenes	179601-23-1	<0.000754	0.00400	0.000754	mg/kg	12.17.2019 00:50	U	1
o-Xylene	95-47-6	<0.000403	0.00200	0.000403	mg/kg	12.17.2019 00:50	U	1
Xylenes, Total	1330-20-7	<0.000403		0.000403	mg/kg	12.17.2019 00:50	U	
Total BTEX		<0.000403		0.000403	mg/kg	12.17.2019 00:50	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	103	70 - 130	%		
4-Bromofluorobenzene	108	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **BC-11** Matrix: Soil Sample Depth: 1 ft

Lab Sample Id: 646503-017 Date Collected: 12.16.2019 14:30 Date Received: 12.16.2019 15:00

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**102**	9.88	0.350	mg/kg	12.16.2019 20:23		1

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.8	49.8	13.8	mg/kg	12.16.2019 20:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	**17.7**	49.8	11.4	mg/kg	12.16.2019 20:05	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.4	49.8	11.4	mg/kg	12.16.2019 20:05	U	1
Total TPH	PHC635	**17.7**		11.4	mg/kg	12.16.2019 20:05	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	122	70 - 135	%		
o-Terphenyl	126	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000486	0.00200	0.000486	mg/kg	12.17.2019 01:07	U	1
Toluene	108-88-3	<0.000528	0.00200	0.000528	mg/kg	12.17.2019 01:07	U	1
Ethylbenzene	100-41-4	**0.000600**	0.00200	0.000406	mg/kg	12.17.2019 01:07	J	1
m_p-Xylenes	179601-23-1	<0.000754	0.00400	0.000754	mg/kg	12.17.2019 01:07	U	1
o-Xylene	95-47-6	<0.000403	0.00200	0.000403	mg/kg	12.17.2019 01:07	U	1
Xylenes, Total	1330-20-7	<0.000403		0.000403	mg/kg	12.17.2019 01:07	U	
Total BTEX		**0.000600**		0.000403	mg/kg	12.17.2019 01:07	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	102	70 - 130	%		
4-Bromofluorobenzene	104	70 - 130	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **7692540-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7692540-1-BLK Date Collected: Date Received:

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110708 Date Prep: 12.16.2019 14:21

Prep seq: 7692540

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	<0.354	10.0	0.354	mg/kg	12.16.2019 13:23	U	1

Sample Id: **7692561-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7692561-1-BLK Date Collected: Date Received:

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110724 Date Prep: 12.16.2019 12:40

Prep seq: 7692561

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	12.16.2019 10:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<11.5	50.0	11.5	mg/kg	12.16.2019 10:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.0	11.5	mg/kg	12.16.2019 10:28	U	1

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	119	70 - 135	%		
o-Terphenyl	125	70 - 135	%		

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **7692579-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7692579-1-BLK Date Collected: Date Received:

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110703 Date Prep: 12.16.2019 15:26

Prep seq: 7692579

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000486	0.00200	0.000486	mg/kg	12.16.2019 17:18	U	1
Toluene	108-88-3	<0.000528	0.00200	0.000528	mg/kg	12.16.2019 17:18	U	1
Ethylbenzene	100-41-4	<0.000406	0.00200	0.000406	mg/kg	12.16.2019 17:18	U	1
m_p-Xylenes	179601-23-1	<0.000754	0.00400	0.000754	mg/kg	12.16.2019 17:18	U	1
o-Xylene	95-47-6	<0.000403	0.00200	0.000403	mg/kg	12.16.2019 17:18	U	1

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	101	70 - 130	%		
4-Bromofluorobenzene	95	70 - 130	%		

Sample Id: **7692582-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7692582-1-BLK Date Collected: Date Received:

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3110711 Date Prep: 12.16.2019 17:27

Prep seq: 7692582

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	<0.354	10.0	0.354	mg/kg	12.16.2019 17:48	U	1

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Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **7692584-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7692584-1-BLK Date Collected: Date Received:

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3110729 Date Prep: 12.16.2019 17:00

Prep seq: 7692584

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	12.16.2019 17:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<11.5	50.0	11.5	mg/kg	12.16.2019 17:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.0	11.5	mg/kg	12.16.2019 17:07	U	1

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	126	70 - 135	%		
o-Terphenyl	135	70 - 135	%		

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Form 2 - Surrogate Recoveries

Project Name: Devon Weems Battery

Work Orders : 646503 **Project ID:** 700794.297.01

Lab Batch #: 3110703 **Sample:** 7692579-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12.16.2019 17:18 **SURROGATE RECOVERY STUDY**

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0304	0.0300	101	70-130	
4-Bromofluorobenzene	0.0285	0.0300	95	70-130	

Lab Batch #: 3110703 **Sample:** 7692579-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12.16.2019 17:35 **SURROGATE RECOVERY STUDY**

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0303	0.0300	101	70-130	
4-Bromofluorobenzene	0.0294	0.0300	98	70-130	

Lab Batch #: 3110703 **Sample:** 7692579-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12.16.2019 17:53 **SURROGATE RECOVERY STUDY**

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0305	0.0300	102	70-130	
4-Bromofluorobenzene	0.0302	0.0300	101	70-130	

Lab Batch #: 3110703 **Sample:** 646503-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12.16.2019 18:10 **SURROGATE RECOVERY STUDY**

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0305	0.0300	102	70-130	
4-Bromofluorobenzene	0.0311	0.0300	104	70-130	

Lab Batch #: 3110703 **Sample:** 646503-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12.16.2019 18:28 **SURROGATE RECOVERY STUDY**

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0304	0.0300	101	70-130	
4-Bromofluorobenzene	0.0311	0.0300	104	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Devon Weems Battery

Work Orders : 646503 **Project ID:** 700794.297.01

Lab Batch #: 3110724 **Sample:** 7692561-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12.16.2019 10:28 **SURROGATE RECOVERY STUDY**

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	119	100	119	70-135	
o-Terphenyl	62.3	50.0	125	70-135	

Lab Batch #: 3110724 **Sample:** 7692561-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12.16.2019 10:48 **SURROGATE RECOVERY STUDY**

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	130	100	130	70-135	
o-Terphenyl	64.3	50.0	129	70-135	

Lab Batch #: 3110724 **Sample:** 7692561-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12.16.2019 10:48 **SURROGATE RECOVERY STUDY**

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	129	100	129	70-135	
o-Terphenyl	64.8	50.0	130	70-135	

Lab Batch #: 3110724 **Sample:** 646464-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12.16.2019 12:17 **SURROGATE RECOVERY STUDY**

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	134	99.4	135	70-135	
o-Terphenyl	67.2	49.7	135	70-135	

Lab Batch #: 3110724 **Sample:** 646464-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12.16.2019 12:37 **SURROGATE RECOVERY STUDY**

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	134	100	134	70-135	
o-Terphenyl	67.3	50.0	135	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Devon Weems Battery

Work Orders : 646503 **Project ID:** 700794.297.01

Lab Batch #: 3110729 **Sample:** 7692584-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12.16.2019 17:07 **SURROGATE RECOVERY STUDY**

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	129	100	129	70-135	
o-Terphenyl	65.0	50.0	130	70-135	

Lab Batch #: 3110729 **Sample:** 7692584-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12.16.2019 17:07 **SURROGATE RECOVERY STUDY**

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	126	100	126	70-135	
o-Terphenyl	67.4	50.0	135	70-135	

Lab Batch #: 3110729 **Sample:** 7692584-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12.16.2019 17:27 **SURROGATE RECOVERY STUDY**

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	130	100	130	70-135	
o-Terphenyl	66.7	50.0	133	70-135	

Lab Batch #: 3110729 **Sample:** 646503-004 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12.16.2019 17:47 **SURROGATE RECOVERY STUDY**

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	129	100	129	70-135	
o-Terphenyl	67.1	50.2	134	70-135	

Lab Batch #: 3110729 **Sample:** 646503-004 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12.16.2019 17:47 **SURROGATE RECOVERY STUDY**

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	117	101	116	70-135	
o-Terphenyl	48.3	50.3	96	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Devon Weems Battery

Work Order #: 646503 **Project ID:** 700794.297.01

Analyst: MAB **Date Prepared:** 12.16.2019 **Date Analyzed:** 12.16.2019

Lab Batch ID: 3110703 **Sample:** 7692579-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.000486	0.100	0.0975	98	0.100	0.105	105	7	70-130	35	
Toluene	<0.000528	0.100	0.0953	95	0.100	0.105	105	10	70-130	35	
Ethylbenzene	<0.000406	0.100	0.0907	91	0.100	0.103	103	13	71-129	35	
m_p-Xylenes	<0.000754	0.200	0.186	93	0.200	0.214	107	14	70-135	35	
o-Xylene	<0.000403	0.100	0.0920	92	0.100	0.105	105	13	71-133	35	

Analyst: MAB **Date Prepared:** 12.16.2019 **Date Analyzed:** 12.16.2019

Lab Batch ID: 3110708 **Sample:** 7692540-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	<0.354	250	258	103	250	256	102	1	90-110	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Devon Weems Battery

Work Order #: 646503 **Project ID:** 700794.297.01

Analyst: MAB **Date Prepared:** 12.16.2019 **Date Analyzed:** 12.16.2019

Lab Batch ID: 3110711 **Sample:** 7692582-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	<0.354	250	263	105	250	262	105	0	90-110	20	

Analyst: DTH **Date Prepared:** 12.16.2019 **Date Analyzed:** 12.16.2019

Lab Batch ID: 3110724 **Sample:** 7692561-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Gasoline Range Hydrocarbons (GRO)	<13.9	1000	1090	109	1000	1100	110	1	70-135	35	
Diesel Range Organics (DRO)	<11.5	1000	1150	115	1000	1180	118	3	70-135	35	

Analyst: DTH **Date Prepared:** 12.16.2019 **Date Analyzed:** 12.16.2019

Lab Batch ID: 3110729 **Sample:** 7692584-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Gasoline Range Hydrocarbons (GRO)	<13.9	1000	1110	111	1000	1140	114	3	70-135	35	
Diesel Range Organics (DRO)	<11.5	1000	1190	119	1000	1200	120	1	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Devon Weems Battery

Work Order # : 646503 **Project ID:** 700794.297.01

Lab Batch ID: 3110703 **QC- Sample ID:** 646503-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12.16.2019 **Date Prepared:** 12.16.2019 **Analyst:** MAB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.000486	0.100	0.0960	96	0.0990	0.101	102	5	70-130	35	
Toluene	<0.000528	0.100	0.0960	96	0.0990	0.101	102	5	70-130	35	
Ethylbenzene	<0.000406	0.100	0.0930	93	0.0990	0.0984	99	6	71-129	35	
m_p-Xylenes	<0.000754	0.200	0.193	97	0.198	0.204	103	6	70-135	35	
o-Xylene	<0.000403	0.100	0.0943	94	0.0990	0.0998	101	6	71-133	35	

Lab Batch ID: 3110708 **QC- Sample ID:** 646464-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12.16.2019 **Date Prepared:** 12.16.2019 **Analyst:** MAB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	84.9	199	299	108	200	300	108	0	90-110	20	

Matrix Spike Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200*|(C-F) / (C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A) / E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Form 3 - MS / MSD Recoveries

Project Name: Devon Weems Battery

Work Order # : 646503 **Project ID:** 700794.297.01

Lab Batch ID: 3110708 **QC- Sample ID:** 646464-011 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12.16.2019 **Date Prepared:** 12.16.2019 **Analyst:** MAB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	52.5	200	268	108	198	268	109	0	90-110	20	

Lab Batch ID: 3110711 **QC- Sample ID:** 646503-004 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12.16.2019 **Date Prepared:** 12.16.2019 **Analyst:** MAB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	95.7	201	318	111	200	320	112	1	90-110	20	X

Lab Batch ID: 3110711 **QC- Sample ID:** 646503-014 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12.16.2019 **Date Prepared:** 12.16.2019 **Analyst:** MAB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	2530	250	2880	140	250	2890	144	0	90-110	20	X

Matrix Spike Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200*|(C-F) / (C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A) / E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Form 3 - MS / MSD Recoveries

Project Name: Devon Weems Battery

Work Order # : 646503 **Project ID:** 700794.297.01

Lab Batch ID: 3110724 **QC- Sample ID:** 646464-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12.16.2019 **Date Prepared:** 12.16.2019 **Analyst:** DTH

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Gasoline Range Hydrocarbons (GRO)	<13.8	994	1290	130	1000	1330	133	3	70-135	35	
Diesel Range Organics (DRO)	33.4	994	1260	123	1000	1260	123	0	70-135	35	

Lab Batch ID: 3110729 **QC- Sample ID:** 646503-004 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12.16.2019 **Date Prepared:** 12.16.2019 **Analyst:** DTH

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Gasoline Range Hydrocarbons (GRO)	<13.9	1000	1310	131	1010	1140	113	14	70-135	35	
Diesel Range Organics (DRO)	<11.5	1000	1430	143	1010	1020	101	33	70-135	35	X

Matrix Spike Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200*|(C-F) / (C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A) / E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432) 704-5440 El Paso,TX (915) 585-3443 Lubbock,TX (806) 794-1296 Crasibad, NM (432) 704-5440
Phoenix,AZ (480) 355-0900 Atlanta,GA (770) 449-8800 Tampa,FL (813) 620-2000 West Palm Beach, FL (561) 689-6701 www.xenco.com

Work Order No: 640503

Page 1 of 2

Project Manager:	David Adkins	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	408 W Texas Ave	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575-746-8768	Email:	dadkins@talonlpe.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Devon Weems Battery	Turn Around	
Project Number:	700794.297.01	Routine	☐
Project Location	Eddy County	Rush:	48 hrs
Sampler's Name:	Brandon Sinclair	Due Date:	12-18-19
PO #:	700794.297.01	Quote #:	

SAMPLE RECEIPT			
Temperature (°C):	20°C	Temp Blank:	Yes (No)
Received Intact:	(Yes) No	Wet Ice:	Yes (No)
Cooler Custody Seals:	Yes (No) N/A	Thermometer ID	TNM007
Sample Custody Seals:	Yes (No) N/A	Correction Factor:	-0.2
		Total Containers:	17

Lab ID	Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH EXT	BTEX	Total Chlorides
	SW-1	Soil	12-16-19	09:45	2'	1	✓	✓	✓
	SW-2			09:55	2'				
	SW-3			10:30	2'				
	SW-4			10:45	2'				
	SW-5			11:10	2'				
	SW-6			11:35	2'				
	BC-1			11:50	2'				
	BC-2			12:05	2'				
	BC-3			12:20	2'				
	BC-4			12:50	2'				

ANALYSIS REQUEST

Pres. Code

Preservative Codes

MeOH: Me
None: NO
HNO3: HN
H2S04: H2
HCL: HL
NaOH: Na
Zn Acetate+ NaOH: Zn

TAT starts the day received by the lab, if received by 4:00pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

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

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U 1631 / 245.1 / 7470 / 7471 : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Brandon Sinclair	Wood 12/16/19 1500		2		
3			4		
5			6		

Revised Date 022619 Rev. 2019.1

Final 1.000

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432) 704-5440 EL Paso,TX (915) 585-3443 Lubbock,TX (806) 794-1296 Crasibad, NM (432) 704-5440
Phoenix,AZ (480) 355-0900 Atlanta,GA (770) 449-8800 Tampa,FL (813) 620-2000 West Palm Beach, FL (561) 689-6701 www.xenco.com

Work Order No: 646503

Project Manager:	David Adkins	**Bill to: (if different)**	
Company Name:	Talon LPE	**Company Name:**	
Address:	408 W Texas Ave	**Address:**	
City, State ZIP:	Artesia, NM 88210	**City, State ZIP:**	
Phone:	575-746-8768	**Email:**	dadkins@talonlpe.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Devon Weems Battery	**Turn Around**	
Project Number:	700794.297.01	Routine ☐	
Project Location	Eddy County	**Rush:** 48hrs	
Sampler's Name:	Brandon Sinclair	**Due Date:** 12-18-19	
PO #:	700794.297.01	**Quote #:**	

SAMPLE RECEIPT			
Temp Blank:	Yes No	**Wet Ice:**	Yes ~~No~~
Temperature (°C):		**Thermometer ID**	
Received Intact:	Yes ~~No~~		
Cooler Custody Seals:	~~Yes~~ No N/A	**Correction Factor:**	
Sample Custody Seals:	~~Yes~~ No N/A	**Total Containers:**	

ANALYSIS REQUEST

Lab ID	Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	Pres. Code	TPH EXT	BTEX	Total Chlorides
	BC-5	SOIL	12-16-19	13:10	2'	1		✓	✓	✓
	BC-6			13:25	2'					
	BC-7			13:35	2'					
	BC-8			13:45	2'					
	BC-9			14:00	1'					
	BC-10			14:15	2'					
	BC-11			14:30	1'					

Preservative Codes

MeOH: Me
None: NO
HNO3: HN
H2S04: H2
HCL: HL
NaOH: Na
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:00pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

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

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

1631 / 245.1 / 7470 / 7471 : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2		2		
3	4		4		
5	6		6		

Revised Date 022619 Rev. 2019.1

Final 1.000

XENCO Laboratories
Prelogin/Nonconformance Report- Sample Log-In

Client: Talon LPE-Artesia

Date/ Time Received: 12/16/2019 03:00:00 PM

Work Order #: 646503

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : T-NM-007

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	20
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	Yes
#5 Custody Seals intact on sample bottles?	Yes
#6*Custody Seals Signed and dated?	Yes
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	No
#18 Water VOC samples have zero headspace?	N/A

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Elizabeth McClellan Date: 12/16/2019

Checklist reviewed by: Jessica Kramer Date: 12/17/2019

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

December 27, 2019

David Adkins
Talon Artesia
408 West Texas Ave
Artesia, NM 88210
TEL:
FAX:

RE: Devon Weems Battery

OrderNo.: 1912B48

Dear David Adkins:

Hall Environmental Analysis Laboratory received 20 sample(s) on 12/21/2019 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **1912B48**
Date Reported: **12/27/2019**

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1912B48-001 **Matrix:** MEOH (SOIL)

Client Sample ID: BC-1 3'
Collection Date: 12/19/2019 2:30:00 PM
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 9:49:31 AM	49469
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	12/23/2019 9:43:34 AM	49472
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/23/2019 9:43:34 AM	49472
Surr: DNOP	91.1	70-130		%Rec	1	12/23/2019 9:43:34 AM	49472
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	13		mg/Kg	5	12/23/2019 9:52:52 AM	G65365
Surr: BFB	86.3	66.6-105		%Rec	5	12/23/2019 9:52:52 AM	G65365

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: BC-1 4'
Project: Devon Weems Battery
Collection Date: 12/19/2019 2:35:00 PM
Lab ID: 1912B48-002 **Matrix:** MEOH (SOIL) **Received Date:** 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	66	60		mg/Kg	20	12/22/2019 10:26:45 AM	49469
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/23/2019 10:07:07 AM	49472
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/23/2019 10:07:07 AM	49472
Surr: DNOP	96.0	70-130		%Rec	1	12/23/2019 10:07:07 AM	49472
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	14		mg/Kg	5	12/23/2019 10:15:48 AM	G65365
Surr: BFB	88.0	66.6-105		%Rec	5	12/23/2019 10:15:48 AM	G65365

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **1912B48**
Date Reported: **12/27/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1912B48-003
Matrix: MEOH (SOIL)

Client Sample ID: BC-4 3'
Collection Date: 12/19/2019 2:55:00 PM
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	200	60		mg/Kg	20	12/22/2019 10:39:09 AM	49469

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: BC-4 4'
Project: Devon Weems Battery
Collection Date: 12/19/2019 3:00:00 PM
Lab ID: 1912B48-004
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	230	60		mg/Kg	20	12/22/2019 10:51:34 AM	49469

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: BC-4 5'
Project: Devon Weems Battery
Collection Date: 12/19/2019 3:05:00 PM
Lab ID: 1912B48-005
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	270	60		mg/Kg	20	12/22/2019 11:03:58 AM	49469

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: BC-6 3'
Project: Devon Weems Battery
Collection Date: 12/19/2019 1:00:00 PM
Lab ID: 1912B48-006
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	87	60		mg/Kg	20	12/22/2019 11:16:22 AM	49469

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: BC-6 4'
Project: Devon Weems Battery
Collection Date: 12/19/2019 1:05:00 PM
Lab ID: 1912B48-007
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 11:53:35 AM	49469

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

Qualifiers:

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

Analytical Report
Lab Order **1912B48**
Date Reported: **12/27/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1912B48-008

Client Sample ID: BC-6 5'
Collection Date: 12/19/2019 1:10:00 PM
Matrix: MEOH (SOIL) **Received Date:** 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 12:06:00 PM	49469

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

Qualifiers:

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

Analytical Report
Lab Order **1912B48**
Date Reported: **12/27/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1912B48-009 **Matrix:** MEOH (SOIL)

Client Sample ID: BC-7 3'
Collection Date: 12/19/2019 1:25:00 PM
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 12:18:24 PM	49469

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

Qualifiers:

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

Analytical Report
Lab Order **1912B48**
Date Reported: **12/27/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1912B48-010
Client Sample ID: BC-7 4'
Collection Date: 12/19/2019 1:30:00 AM
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: **MRA**
Chloride	ND	60		mg/Kg	20	12/22/2019 12:30:48 PM	49469

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: BC-7 5'
Project: Devon Weems Battery
Collection Date: 12/19/2019 1:35:00 PM
Lab ID: 1912B48-011
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 12:43:13 PM	49469

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **1912B48**
Date Reported: **12/27/2019**

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1912B48-012
Matrix: MEOH (SOIL)
Client Sample ID: BC-8 3'
Collection Date: 12/19/2019 1:45:00 PM
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	150	60		mg/Kg	20	12/22/2019 12:55:37 PM	49469

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1912B48-013 **Matrix:** MEOH (SOIL)

Client Sample ID: BC-8 4'
Collection Date: 12/19/2019 1:50:00 PM
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 1:08:02 PM	49469

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **1912B48**
Date Reported: **12/27/2019**

CLIENT: Talon Artesia
Project: Devon Weems Battery
Lab ID: 1912B48-014
Matrix: MEOH (SOIL)
Client Sample ID: BC-8 5'
Collection Date: 12/19/2019 1:55:00 PM
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 1:20:27 PM	49469

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: BC-10 3'
Project: Devon Weems Battery
Collection Date: 12/19/2019 2:15:00 PM
Lab ID: 1912B48-015
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 1:32:51 PM	49469
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/23/2019 10:30:49 AM	49472
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/23/2019 10:30:49 AM	49472
Surr: DNOP	93.7	70-130		%Rec	1	12/23/2019 10:30:49 AM	49472
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	17		mg/Kg	5	12/23/2019 10:38:55 AM	G65365
Surr: BFB	84.6	66.6-105		%Rec	5	12/23/2019 10:38:55 AM	G65365

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: BC-10 4'
Project: Devon Weems Battery
Collection Date: 12/19/2019 2:20:00 PM
Lab ID: 1912B48-016
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 1:45:16 PM	49469
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	12/23/2019 10:54:22 AM	49472
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	12/23/2019 10:54:22 AM	49472
Surr: DNOP	96.2	70-130		%Rec	1	12/23/2019 10:54:22 AM	49472
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	15		mg/Kg	5	12/23/2019 11:01:47 AM	G65365
Surr: BFB	86.5	66.6-105		%Rec	5	12/23/2019 11:01:47 AM	G65365

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: SW-7 2'
Project: Devon Weems Battery
Collection Date: 12/19/2019 3:30:00 PM
Lab ID: 1912B48-017
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	2100	150		mg/Kg	50	12/23/2019 9:24:03 AM	49469
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	12/23/2019 9:55:38 AM	49472
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/23/2019 9:55:38 AM	49472
Surr: DNOP	99.9	70-130		%Rec	1	12/23/2019 9:55:38 AM	49472
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	14		mg/Kg	5	12/23/2019 11:24:43 AM	G65365
Surr: BFB	88.5	66.6-105		%Rec	5	12/23/2019 11:24:43 AM	G65365
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.069		mg/Kg	5	12/23/2019 11:24:43 AM	B65365
Toluene	ND	0.14		mg/Kg	5	12/23/2019 11:24:43 AM	B65365
Ethylbenzene	ND	0.14		mg/Kg	5	12/23/2019 11:24:43 AM	B65365
Xylenes, Total	ND	0.28		mg/Kg	5	12/23/2019 11:24:43 AM	B65365
Surr: 4-Bromofluorobenzene	110	80-120		%Rec	5	12/23/2019 11:24:43 AM	B65365

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: SW-8 2'
Project: Devon Weems Battery
Collection Date: 12/19/2019 3:40:00 PM
Lab ID: 1912B48-018
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 2:34:56 PM	49469
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/23/2019 10:19:48 AM	49472
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/23/2019 10:19:48 AM	49472
Surr: DNOP	103	70-130		%Rec	1	12/23/2019 10:19:48 AM	49472
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	13		mg/Kg	5	12/23/2019 11:47:28 AM	G65365
Surr: BFB	82.2	66.6-105		%Rec	5	12/23/2019 11:47:28 AM	G65365
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.066		mg/Kg	5	12/23/2019 11:47:28 AM	B65365
Toluene	ND	0.13		mg/Kg	5	12/23/2019 11:47:28 AM	B65365
Ethylbenzene	ND	0.13		mg/Kg	5	12/23/2019 11:47:28 AM	B65365
Xylenes, Total	ND	0.26		mg/Kg	5	12/23/2019 11:47:28 AM	B65365
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	5	12/23/2019 11:47:28 AM	B65365

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: SW-9 2'
Project: Devon Weems Battery
Collection Date: 12/19/2019 3:50:00 PM
Lab ID: 1912B48-019
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	670	61		mg/Kg	20	12/22/2019 2:47:21 PM	49469
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/23/2019 10:43:55 AM	49472
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/23/2019 10:43:55 AM	49472
Surr: DNOP	90.6	70-130		%Rec	1	12/23/2019 10:43:55 AM	49472
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	13		mg/Kg	5	12/23/2019 12:10:19 PM	G65365
Surr: BFB	81.6	66.6-105		%Rec	5	12/23/2019 12:10:19 PM	G65365
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.065		mg/Kg	5	12/23/2019 12:10:19 PM	B65365
Toluene	ND	0.13		mg/Kg	5	12/23/2019 12:10:19 PM	B65365
Ethylbenzene	ND	0.13		mg/Kg	5	12/23/2019 12:10:19 PM	B65365
Xylenes, Total	ND	0.26		mg/Kg	5	12/23/2019 12:10:19 PM	B65365
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	5	12/23/2019 12:10:19 PM	B65365

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Client Sample ID: SW-10 2'
Project: Devon Weems Battery
Collection Date: 12/19/2019 4:00:00 PM
Lab ID: 1912B48-020
Matrix: MEOH (SOIL)
Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	12/22/2019 2:59:45 PM	49469
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/23/2019 11:08:07 AM	49472
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/23/2019 11:08:07 AM	49472
Surr: DNOP	96.4	70-130		%Rec	1	12/23/2019 11:08:07 AM	49472
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	13		mg/Kg	5	12/23/2019 12:33:11 PM	G65365
Surr: BFB	81.2	66.6-105		%Rec	5	12/23/2019 12:33:11 PM	G65365
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.067		mg/Kg	5	12/23/2019 12:33:11 PM	B65365
Toluene	ND	0.13		mg/Kg	5	12/23/2019 12:33:11 PM	B65365
Ethylbenzene	ND	0.13		mg/Kg	5	12/23/2019 12:33:11 PM	B65365
Xylenes, Total	ND	0.27		mg/Kg	5	12/23/2019 12:33:11 PM	B65365
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	5	12/23/2019 12:33:11 PM	B65365

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 Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1912B48

27-Dec-19

Client: Talon Artesia

Project: Devon Weems Battery

Sample ID: **MB-49469**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **49469**	RunNo: **65348**
Prep Date: **12/22/2019**	Analysis Date: **12/22/2019**	SeqNo: **2244761** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-49469**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **49469**	RunNo: **65348**
Prep Date: **12/22/2019**	Analysis Date: **12/22/2019**	SeqNo: **2244762** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.7	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1912B48

27-Dec-19

Client: Talon Artesia

Project: Devon Weems Battery

Sample ID: MB-49472	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 49472	RunNo: 65351
Prep Date: 12/23/2019	Analysis Date: 12/23/2019	SeqNo: 2244909 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		93.5	70	130			

Sample ID: LCS-49472	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 49472	RunNo: 65351
Prep Date: 12/23/2019	Analysis Date: 12/23/2019	SeqNo: 2244910 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	91.5	63.9	124			
Surr: DNOP	4.3		5.000		86.9	70	130			

Sample ID: 1912B48-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: BC-1 3'	Batch ID: 49472	RunNo: 65352
Prep Date: 12/23/2019	Analysis Date: 12/23/2019	SeqNo: 2245264 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.9	49.65	0	96.0	57	142			
Surr: DNOP	4.5		4.965		90.0	70	130			

Sample ID: 1912B48-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: BC-1 3'	Batch ID: 49472	RunNo: 65352
Prep Date: 12/23/2019	Analysis Date: 12/23/2019	SeqNo: 2245265 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	8.9	44.68	0	94.1	57	142	12.5	20	
Surr: DNOP	4.0		4.468		90.2	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1912B48

27-Dec-19

Client: Talon Artesia

Project: Devon Weems Battery

Sample ID: **rb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **G65365**	RunNo: **65365**
Prep Date:	Analysis Date: **12/23/2019**	SeqNo: **2245430** 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	910		1000		91.3	66.6	105			

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **G65365**	RunNo: **65365**
Prep Date:	Analysis Date: **12/23/2019**	SeqNo: **2245431** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.4	80	120			
Surr: BFB	1000		1000		102	66.6	105			

Sample ID: **1912b48-001ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **BC-1 3'**	Batch ID: **G65365**	RunNo: **65365**
Prep Date:	Analysis Date: **12/23/2019**	SeqNo: **2245432** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	57	13	66.17	0	85.5	69.1	142			
Surr: BFB	2500		2647		94.0	66.6	105			

Sample ID: **1912b48-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **BC-1 3'**	Batch ID: **G65365**	RunNo: **65365**
Prep Date:	Analysis Date: **12/23/2019**	SeqNo: **2245433** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	54	13	66.17	0	81.4	69.1	142	4.89	20	
Surr: BFB	2400		2647		90.9	66.6	105	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 Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1912B48

27-Dec-19

Client: Talon Artesia

Project: Devon Weems Battery

Sample ID: rb	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles
Client ID: PBS	Batch ID: B65365	RunNo: 65365
Prep Date:	Analysis Date: 12/23/2019	SeqNo: 2245449 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	1.2		1.000		116	80	120			

Sample ID: 100ng btex lcs	SampType: LCS	TestCode: EPA Method 8021B: Volatiles
Client ID: LCSS	Batch ID: B65365	RunNo: 65365
Prep Date:	Analysis Date: 12/23/2019	SeqNo: 2245450 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.3	80	120			
Toluene	0.91	0.050	1.000	0	91.5	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.0	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		117	80	120			

Sample ID: 1912b48-017ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles
Client ID: SW-7 2'	Batch ID: B65365	RunNo: 65365
Prep Date:	Analysis Date: 12/23/2019	SeqNo: 2245451 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	2.6	0.069	2.756	0.01816	94.1	76	123			
Toluene	2.6	0.14	2.756	0.01811	93.1	80.3	127			
Ethylbenzene	2.6	0.14	2.756	0	95.3	80.2	131			
Xylenes, Total	7.9	0.28	8.269	0	95.1	78	133			
Surr: 4-Bromofluorobenzene	2.9		2.756		106	80	120			

Sample ID: 1912b48-017amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles
Client ID: SW-7 2'	Batch ID: B65365	RunNo: 65365
Prep Date:	Analysis Date: 12/23/2019	SeqNo: 2245452 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	2.5	0.069	2.756	0.01816	89.6	76	123	4.89	20	
Toluene	2.5	0.14	2.756	0.01811	89.9	80.3	127	3.52	20	
Ethylbenzene	2.5	0.14	2.756	0	90.9	80.2	131	4.74	20	
Xylenes, Total	7.6	0.28	8.269	0	91.5	78	133	3.88	20	
Surr: 4-Bromofluorobenzene	2.8		2.756		103	80	120	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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: TALON ARTESIA Work Order Number: 1912B48 RcptNo: 1

Received By: Yazmine Garduno 12/21/2019 9:30:00 AM

Completed By: Yazmine Garduno 12/21/2019 9:49:04 AM

Reviewed By: MA 12/21/19

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)
Adjusted? _____
Checked by: YG 12/21/19

Special Handling (if applicable)

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

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

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.5	Good				

Chain-of-Custody Record

Client: TALON/LPG
DAVID ADKINS
Mailing Address: 408 W. Texas Ave
Artesia NM 88210
Phone #: 575-441-4835
email or Fax#: dadkins@talonlpe.com
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time: Same Day
☐ Standard ☒ Rush 48hr cs
Project Name: Devon Weems Battery
Project #: 700794.297.01
Project Manager: DAVID ADKINS
Sampler: D. ADKINS
On Ice: ☒ Yes ☐ No
Sample Temperature: 5.3+0.2=5.5

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1912B48	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BTEX 8021B	TOTAL CHLORIDES			Air Bubbles (Y or N)
12/19/19	230p	S	BC-1, 3'	1 GLASS	Cool	-001			✓										✓			
	235	S	BC-1, 4'			-002			✓										✓			
	255	S	BC-4 3'			-003													✓			
	3pm	S	BC-4 4'			-004													✓			
	305p	S	BC-4 5'			-005													✓			
	1pm	S	BC-6 3'			-006													✓			
	105	S	BC-6 4'			-007													✓			
	110	S	BC-6 5'			-008													✓			
	125	S	BC-7 3'			-009													✓			
	130	S	BC-7 4'			-010													✓			
	135	S	BC-7 5'			-011													✓			
	145	S	BC-8 3'			-012													✓			

Date:	Time:	Relinquished by:	Received by:	Date	Time
12/20	1000			12/20	1030
12/20	1900			12/21/19	0930

Remarks: P. 1 of 2

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
DAVID ADKINS
Mailing Address: 408 W. Texas Ave.
Artesia, NM 88210
Phone #: 575-441-4835
email or Fax#: dadkins@talonlpe.com
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time: Same Day
☐ Standard ☒ Rush 48 hours
Project Name: Dellow Weems Battery
Project #: 700794.297.01
Project Manager: DAVID ADKINS
Sampler: D. ADKINS
On Ice: ☒ Yes ☐ No
Sample Temperature: 5.3 +0.2=5.5

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1912B48
12/19/19	1500	S	BC-8 4'	1 GLASS	Cool	-013
	1555	S	BC-8 5'			-014
	215	S	BC-10 3'			-015
	220	S	BC-10 4'			-016
	330		SW-7 2'			-017
	340		SW-8 2'			-018
	350		SW-9 2'			-019
	4pm		SW-10 2'			-020

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BTEX 8021B	Total Chlorides			Air Bubbles (Y or N)
			✓								✓	✓			
			✓								✓	✓			
			✓								✓	✓			
			✓								✓	✓			
			✓								✓	✓			
			✓								✓	✓			
			✓								✓	✓			
			✓								✓	✓			

Date	Time	Relinquished by:	Received by:	Date	Time
12/20	1050			12/20	1030
12/20	1900			12/21/19	0931

Remarks: p. 2 of 2

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.

Analytical Report 647462

for

Talon LPE-Artesia

Project Manager: David Adkins

Devon Weems Battery

700794.297.01

29-JAN-20

Collected By: Client

1089 N Canal Street
Carlsbad, NM 88220

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

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29-JAN-20

Project Manager: **David Adkins**
Talon LPE-Artesia
408 West Texas St.
Artesia, NM 88210

Reference: XENCO Report No(s): **647462**
Devon Weems Battery
Project Address: Eddy County

David Adkins:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 647462. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 647462 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer
Project Assistant

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
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Sample Cross Reference 647462

Talon LPE-Artesia, Artesia, NM

Devon Weems Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SW7	S	12-24-19 09:30	2 ft	647462-001
SW8	S	12-24-19 10:00	3 ft	647462-002
SW9	S	12-24-19 10:30	3 ft	647462-003
SW10	S	12-24-19 11:00	2 ft	647462-004

CASE NARRATIVE

Client Name: Talon LPE-Artesia

Project Name: Devon Weems Battery

Project ID: *700794.297.01*
Work Order Number(s): *647462*

Report Date: *29-JAN-20*
Date Received: *12/24/2019*

This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory.

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3111623 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Certificate of Analytical Results
647462
Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **SW7** Matrix: Soil Sample Depth: 2 ft
Lab Sample Id: 647462-001 Date Collected: 12.24.19 09.30 Date Received: 12.24.19 12.30
Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
Analyst: MAB % Moist: Tech: MAB
Seq Number: 3111866 Date Prep: 12.27.19 07.30
Prep seq: 7693247

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**114**	49.5	1.75	mg/kg	12.27.19 10:11		5

Sample Id: **SW8** Matrix: Soil Sample Depth: 3 ft
Lab Sample Id: 647462-002 Date Collected: 12.24.19 10.00 Date Received: 12.24.19 12.30
Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
Analyst: MAB % Moist: Tech: MAB
Seq Number: 3111866 Date Prep: 12.27.19 07.30
Prep seq: 7693247

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**40.7**	49.7	1.76	mg/kg	12.27.19 10:17	J	5

Sample Id: **SW9** Matrix: Soil Sample Depth: 3 ft
Lab Sample Id: 647462-003 Date Collected: 12.24.19 10.30 Date Received: 12.24.19 12.30
Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
Analyst: MAB % Moist: Tech: MAB
Seq Number: 3111866 Date Prep: 12.27.19 07.30
Prep seq: 7693247

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	**186**	49.9	1.77	mg/kg	12.27.19 10:23		5

Certificate of Analytical Results
647462

Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **SW10** Matrix: Soil Sample Depth: 2 ft

Lab Sample Id: 647462-004 Date Collected: 12.24.19 11.00 Date Received: 12.24.19 12.30

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3111671 Date Prep: 12.24.19 13.00

Prep seq: 7693227

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.8	49.8	13.8	mg/kg	12.24.19 13:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	**20.1**	49.8	11.4	mg/kg	12.24.19 13:16	J	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**12.8**	49.8	11.4	mg/kg	12.24.19 13:16	J	1
Total TPH	PHC635	**32.9**		11.4	mg/kg	12.24.19 13:16	J	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	100	70 - 135	%		
o-Terphenyl	101	70 - 135	%		

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3111623 Date Prep: 12.24.19 14.00

Prep seq: 7693185

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000481	0.00198	0.000481	mg/kg	12.24.19 15:34	U	1
Toluene	108-88-3	<0.000522	0.00198	0.000522	mg/kg	12.24.19 15:34	U	1
Ethylbenzene	100-41-4	<0.000402	0.00198	0.000402	mg/kg	12.24.19 15:34	U	1
m,p-Xylenes	179601-23-1	<0.000746	0.00396	0.000746	mg/kg	12.24.19 15:34	U	1
o-Xylene	95-47-6	<0.000399	0.00198	0.000399	mg/kg	12.24.19 15:34	U	1
Total Xylenes	1330-20-7	<0.000399		0.000399	mg/kg	12.24.19 15:34	U	
Total BTEX		<0.000399		0.000399	mg/kg	12.24.19 15:34	U	

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	101	70 - 130	%		
4-Bromofluorobenzene	97	70 - 130	%		

Certificate of Analytical Results
647462
Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **7693185-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7693185-1-BLK Date Collected: Date Received:

Analytical Method: BTEX by EPA 8021 Prep Method: 5030B

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3111623 Date Prep: 12.24.19 08.07

Prep seq: 7693185

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzene	71-43-2	<0.000486	0.00200	0.000486	mg/kg	12.24.19 08:55	U	1
Toluene	108-88-3	<0.000528	0.00200	0.000528	mg/kg	12.24.19 08:55	U	1
Ethylbenzene	100-41-4	<0.000406	0.00200	0.000406	mg/kg	12.24.19 08:55	U	1
m,p-Xylenes	179601-23-1	<0.000754	0.00400	0.000754	mg/kg	12.24.19 08:55	U	1
o-Xylene	95-47-6	<0.000403	0.00200	0.000403	mg/kg	12.24.19 08:55	U	1

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1,4-Difluorobenzene	100	70 - 130	%		
4-Bromofluorobenzene	99	70 - 130	%		

Sample Id: **7693227-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7693227-1-BLK Date Collected: Date Received:

Analytical Method: TPH by SW8015 Mod Prep Method: 8015

Analyst: DTH % Moist: Tech: DTH

Seq Number: 3111671 Date Prep: 12.24.19 12.00

Prep seq: 7693227

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Gasoline Range Hydrocarbons (GRO)	PHC610	<13.9	50.0	13.9	mg/kg	12.24.19 11:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<11.5	50.0	11.5	mg/kg	12.24.19 11:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<11.5	50.0	11.5	mg/kg	12.24.19 11:57	U	1

Surrogate	% Recovery	Limits	Units	Analysis Date	Flag
1-Chlorooctane	95	70 - 135	%		
o-Terphenyl	98	70 - 135	%		

Certificate of Analytical Results
647462
Talon LPE-Artesia, Artesia, NM
Devon Weems Battery

Sample Id: **7693247-1-BLK** Matrix: Solid Sample Depth:

Lab Sample Id: 7693247-1-BLK Date Collected: Date Received:

Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P

Analyst: MAB % Moist: Tech: MAB

Seq Number: 3111866 Date Prep: 12.27.19 07.30

Prep seq: 7693247

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Chloride	16887-00-6	<0.354	10.0	0.354	mg/kg	12.27.19 09:15	U	1

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

XENCO LABORATORIES

Form 2 - Surrogate Recoveries

Project Name: Devon Weems Battery

Work Orders : 647462, **Project ID:** 700794.297.01

Lab Batch #: 3111623 **Sample:** CCB / CCB **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/24/19 08:29

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0302	0.0300	101	70-130	
4-Bromofluorobenzene	0.0310	0.0300	103	70-130	

Lab Batch #: 3111623 **Sample:** CCB / CCB **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/24/19 08:29

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0302	0.0300	101	70-130	
4-Bromofluorobenzene	0.0310	0.0300	103	70-130	

Lab Batch #: 3111623 **Sample:** 7693185-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/24/19 08:55

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0299	0.0300	100	70-130	
4-Bromofluorobenzene	0.0296	0.0300	99	70-130	

Lab Batch #: 3111623 **Sample:** 7693185-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/24/19 09:12

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0299	0.0300	100	70-130	
4-Bromofluorobenzene	0.0304	0.0300	101	70-130	

Lab Batch #: 3111623 **Sample:** 7693185-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/24/19 09:29

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0303	0.0300	101	70-130	
4-Bromofluorobenzene	0.0312	0.0300	104	70-130	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO LABORATORIES

Form 2 - Surrogate Recoveries

Project Name: Devon Weems Battery

Work Orders : 647462,

Project ID: 700794.297.01

Lab Batch #: 3111623 **Sample:** 647387-036 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/24/19 09:47

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0297	0.0300	99	70-130	
4-Bromofluorobenzene	0.0309	0.0300	103	70-130	

Lab Batch #: 3111623 **Sample:** 647387-036 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/24/19 10:04

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	70-130	
4-Bromofluorobenzene	0.0324	0.0300	108	70-130	

Lab Batch #: 3111671 **Sample:** 7693227-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/24/19 11:57

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.7	100	95	70-135	
o-Terphenyl	49.0	50.0	98	70-135	

Lab Batch #: 3111671 **Sample:** 7693227-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/24/19 12:16

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	128	100	128	70-135	
o-Terphenyl	60.1	50.0	120	70-135	

Lab Batch #: 3111671 **Sample:** 7693227-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 12/24/19 12:16

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	111	100	111	70-135	
o-Terphenyl	55.7	50.0	111	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO LABORATORIES

Form 2 - Surrogate Recoveries

Project Name: Devon Weems Battery

Work Orders : 647462,

Project ID: 700794.297.01

Lab Batch #: 3111671 **Sample:** 647387-035 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/24/19 12:36

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	111	99.6	111	70-135	
o-Terphenyl	54.7	49.8	110	70-135	

Lab Batch #: 3111671 **Sample:** 647387-035 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 12/24/19 12:56

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	122	100	122	70-135	
o-Terphenyl	59.8	50.1	119	70-135	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

XENCO LABORATORIES

BS / BSD Recoveries

Project Name: Devon Weems Battery

Work Order #: 647462 **Project ID:** 700794.297.01

Analyst: MAB **Date Prepared:** 12/24/2019 **Date Analyzed:** 12/24/2019

Lab Batch ID: 3111623 **Sample:** 7693185-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BTEX by EPA 8021	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.000486	0.100	0.100	100	0.100	0.0973	97	3	70-130	35	
Toluene	<0.000528	0.100	0.100	100	0.100	0.0967	97	3	70-130	35	
Ethylbenzene	<0.000406	0.100	0.0978	98	0.100	0.0937	94	4	71-129	35	
m,p-Xylenes	<0.000754	0.200	0.202	101	0.200	0.193	97	5	70-135	35	
o-Xylene	<0.000403	0.100	0.0998	100	0.100	0.0962	96	4	71-133	35	

Analyst: MAB **Date Prepared:** 12/27/2019 **Date Analyzed:** 12/27/2019

Lab Batch ID: 3111866 **Sample:** 7693247-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

Inorganic Anions by EPA 300/300.1	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	<0.354	250	257	103	250	256	102	0	90-110	20	

Relative Percent Difference RPD = 200*[(C-F)/(C+F)]
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Devon Weems Battery

Work Order #: 647462 **Project ID:** 700794.297.01

Analyst: DTH **Date Prepared:** 12/24/2019 **Date Analyzed:** 12/24/2019

Lab Batch ID: 3111671 **Sample:** 7693227-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Gasoline Range Hydrocarbons (GRO)	<13.9	1000	1220	122	1000	1230	123	1	70-135	35	
Diesel Range Organics (DRO)	<11.5	1000	1240	124	1000	1260	126	2	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Devon Weems Battery

Work Order # : 647462 **Project ID:** 700794.297.01

Lab Batch ID: 3111623 **QC- Sample ID:** 647387-036 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12/24/2019 **Date Prepared:** 12/24/2019 **Analyst:** MAB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.000488	0.101	0.0891	88	0.100	0.102	102	14	70-130	35	
Toluene	<0.000531	0.101	0.0828	82	0.100	0.0975	98	16	70-130	35	
Ethylbenzene	<0.000409	0.101	0.0732	72	0.100	0.0894	89	20	71-129	35	
m,p-Xylenes	<0.000758	0.201	0.147	73	0.200	0.182	91	21	70-135	35	
o-Xylene	<0.000406	0.101	0.0746	74	0.100	0.0907	91	19	71-133	35	

Lab Batch ID: 3111866 **QC- Sample ID:** 647461-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12/27/2019 **Date Prepared:** 12/27/2019 **Analyst:** MAB

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	17.9	199	223	103	200	224	103	0	90-110	20	

Lab Batch ID: 3111671 **QC- Sample ID:** 647387-035 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 12/24/2019 **Date Prepared:** 12/24/2019 **Analyst:** DTH

Reporting Units: mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Gasoline Range Hydrocarbons (GRO)	<13.8	996	898	90	1000	1010	101	12	70-135	35	
Diesel Range Organics (DRO)	28.6	996	973	95	1000	1070	104	9	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432) 704-5440 EL Paso,TX (915) 585-3443 Lubbock,TX (806) 794-1296 Crasbad, NM (432) 704-5440
Phoenix,AZ (480) 355-0900 Atlanta,GA (770) 449-8800 Tampa,FL (813) 620-2000 West Palm Beach, FL (561) 689-6701 www.xenco.com

Work Order No: 647462

Page 1 of 1

Project Manager:	David Adkins	Bill to: (if different)	
Company Name:	Talon LPE	Company Name:	
Address:	408 W Texas Ave	Address:	
City, State ZIP:	Artesia, NM 88210	City, State ZIP:	
Phone:	575-746-8768	Email:	dadkins@talonlpe.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Devon Weems Battery	Turn Around	
Project Number:	700794.297.01	Routine	☑
Project Location	Eddy County	Rush:	
Sampler's Name:	Brandon Sinclair	Due Date:	
PO #:	700794.297.01	Quote #:	

SAMPLE RECEIPT			
Temperature (°C):	5.0	Thermometer ID	TNM007
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes (No) N/A	Total Containers:	4

Temp Blank: Yes (No) Wet Ice: (Yes) No

ANALYSIS REQUEST

Preservative Codes

MeOH: Me
None: NO
HNO3: HN
H2SO4: H2
HCL: HL
NaOH: Na
Zn Acetate+ NaOH: Zn

TAT starts the day received by the lab, if received by 4:00pm

Lab ID	Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	Pres. Code	TPH EXT	BTEX	Total Chlorides	Sample Comments
	SW-7	Soil	12-24-19	09:30	2'	1				✓	
	SW-8			10:00	3'	1				✓	
	SW-9			10:30	3'	1				✓	
	SW-10			11:00	2'	1		✓	✓	✓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U 1631 / 245.1 / 7470 / 7471 : Hg

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			12/24/19 12:30	2		
3				4		
5				6		

Revised Date 022619 Rev. 2019.1

1.001

Page 17 of 18

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Talon LPE-Artesia

Date/ Time Received: 12.24.2019 12.30.00 PM

Work Order #: 647462

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : TNM 007

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	5
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	No
#4 *Custody Seals intact on shipping container/ cooler?	No
#5 Custody Seals intact on sample bottles?	No
#6*Custody Seals Signed and dated?	Yes
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	Yes
#18 Water VOC samples have zero headspace?	N/A

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Martha Castro Date: 12.24.2019

Checklist reviewed by: Jessica Kramer Date: 12.26.2019

Jessica Kramer

APPENDIX VII

DISPOSAL MANIFESTS

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

G. Manny

NON-HAZARDOUS WASTE MANIFEST NO 133471 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 295

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Devon Energy Corp	6488 Seven Rivers Highway	12/12/2019
PHONE NO. 575-748-3371	CITY Artesia STATE NM ZIP 89210	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
~~Non-Regulated, Non-Hazardous Waste~~					
a.	1	CM			
b.					
c. WT:					
d. 42,280 35,860 42,160					

12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 70079429701 TC 120,300

13. WASTE PROFILE NO. 708580

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME JOE ONTIVEROS PHONE NO 575-887-4048 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4835	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Jose M Garcia	PRINTED/TYPED NAME
SIGNATURE	DATE 12/12/2019
SIGNATURE	DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		12/12/2019	10:10

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

A Plus

NON-HAZARDOUS WASTE MANIFEST NO 133472 | 1. PAGE __ OF __ | 2. TRAILER NO. A-002

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Devon Energy Corp.	6488 Seven Rivers Highway	12/12/2019
PHONE NO. 575-748-3371	CITY Artesia STATE NM ZIP 88210	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type M	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste					
b.					
c. WT:					
d. 40180 36360 38740					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
WEEMS # 1 BATTERY job: 70079429701 TC 115280	708580

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME JOE ONTIVEROS	PHONE NO. 575-887-4048	24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4835	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME [signature]	PRINTED/TYPED NAME
SIGNATURE [signature] DATE 12/12/2019	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Carlos Gonzalez		12/12/2019	10:15

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

A-Plus

NON-HAZARDOUS WASTE MANIFEST NO 133473 | 1. PAGE ___ OF ___ | 2. TRAILER NO. A-48

GENERATOR

3. COMPANY NAME: Devon Energy Corp.
4. ADDRESS: 6488 Seven Rivers Highway
5. PICK-UP DATE: 12/12/2019
PHONE NO.: 575-748-3371
CITY: Artesia STATE: NM ZIP: 88210
6. TNRCC I.D. NO.:

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non Regulated, Non Hazardous Waste~~	1	CM			
b.					
c. WT					
d. 40180 37520 40880					

12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS #1 BATTERY job: 70079429701 TC 118580
13. WASTE PROFILE NO.: 708580

GENERATOR

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME: JOE ONTIVEROS PHONE NO: 575-887-4048 24-HOUR EMERGENCY NO.:

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4835	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: X Ivan Sanchez	PRINTED/TYPED NAME:
SIGNATURE: X	SIGNATURE:
DATE: 12/12/2019	DATE:

DISPOSAL FACILITY

Lea Land, LLC | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | PHONE: 575-887-4048

PERMIT NO.: WM-01-035 - New Mexico
20. COMMENTS:

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE: Santos Montalvo | CELL NO. | DATE: 12/12/2019 | TIME: 10:20

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 G. Manny

NON-HAZARDOUS WASTE MANIFEST NO 133509 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 29

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Devon Energy Corp.	6488 Seven Rivers Highway	12/13/2019
PHONE NO. 575-748-3371	CITY Artesia STATE NM ZIP 88210	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c. WT					
d. 38,320					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
WEEMS # 1 BATTERY job: 70079429701	708580

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
JOE ONTIVEROS	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS (575) 441-4835	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Jose M Garcia	PRINTED/TYPED NAME
SIGNATURE DATE 12/13/2019	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		12/13/2019	9:50

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 A-Plus

NON-HAZARDOUS WASTE MANIFEST NO 133510 | 1. PAGE ___ OF ___ | 2. TRAILER NO. A-002

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Devon Energy Corp.	6488 Seven Rivers Highway	12/13/2019
PHONE NO. 575-748-3371	CITY Artesia STATE NM ZIP 88210	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
~~Non Regulated, Non Hazardous Waste~~ a.					
b.					
c. WT					
d. 39420					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
WEEMS # 1 BATTERY job: 70079429701	708580

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
JOE ONTIVEROS	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4835	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Fidel Castro	PRINTED/TYPED NAME
SIGNATURE Fidel Castro DATE 12/13/2019	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Carlos Gonzalez		12/13/2019	10

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 A Plus

NON-HAZARDOUS WASTE MANIFEST NO 133511 | 1. PAGE ___ OF ___ | 2. TRAILER NO. A-48

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Devon Energy Corp.	6488 Seven Rivers Highway	12/13/2019
PHONE NO. 575-748-3371	CITY Artesia STATE NM ZIP 88210	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non Regulated, Non Hazardous Waste~~	1	CM			
b.					
c. WT:					
d. 41340					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
WEEMS # 1 BATTERY job: 70079429701	708580

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
JOE ONTIVEROS	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4835	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: X Ivan Sanchez	PRINTED/TYPED NAME
SIGNATURE: X [signature] DATE: 12/13/2019	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		12/13/2019	10:15

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

G. Manny

NON-HAZARDOUS WASTE MANIFEST NO 133548 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 29

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Devon Energy Corp.	6488 Seven Rivers Highway	12/16/2019
PHONE NO. 575-748-3371	CITY Artesia STATE NM ZIP 88210	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non-Hazardous Waste~~		CM			
b.					
c. WT:					
d. 33,080 34,620 34,120					

12. COMMENTS OR SPECIAL INSTRUCTIONS:
WEEMS # 1 BATTERY job: 70079429701
TC 101,820

13. WASTE PROFILE NO. 708580

TRANSPORTERS

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME JOE ONTIVEROS PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4835	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME José M Garcia	PRINTED/TYPED NAME
SIGNATURE [signature] DATE 12/16/2019	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Nestor Gonzalez		12/16/2019	9:45

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 A-Plus

NON-HAZARDOUS WASTE MANIFEST NO 133549 | 1. PAGE ___ OF ___ | 2. TRAILER NO. A-002

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Devon Energy Corp.	6488 Seven Rivers Highway	12/16/2019
PHONE NO. 575-748-3371	CITY Artesia STATE NM ZIP 88210	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c. WT:					
d. 136380 34,920 34,440					

12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 70079429701 TO 105,760

13. WASTE PROFILE NO. 708580

TO BE COMPLETED BY GENERATOR

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.
JOE ONTIVEROS	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS (575) 441-4835	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Jose Ibarra	PRINTED/TYPED NAME
SIGNATURE X Jose Ibarra DATE 12/16/2019	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		12/16/2019	9:50

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

A-Plus

NON-HAZARDOUS WASTE MANIFEST NO 133550 | 1. PAGE ___ OF ___ | 2. TRAILER NO. A-48

GENERATOR

3. COMPANY NAME: Devon Energy Corp.
4. ADDRESS: 6488 Seven Rivers Highway
5. PICK-UP DATE: 12/16/2019
PHONE NO: 575-748-3371
CITY: Artesia STATE: NM ZIP: 88210
6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c. WT:					
d. 34,140 36,140 35080					

12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS #1 BATTERY job: 70079429701 TC 105360
13. WASTE PROFILE NO. 708580

TRANSPORTER

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME: JOE ONTIVEROS PHONE NO: 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4835	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: Albert Zayas	PRINTED/TYPED NAME
SIGNATURE	DATE: 12/16/2019
SIGNATURE	DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.: WM-01-035 - New Mexico
20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		12/16/2019	10:00

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

G. Manny

NON-HAZARDOUS WASTE MANIFEST NO 133603 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 29

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Devon Energy Corp	6488 Seven Rivers Highway	12/17/2019
PHONE NO. 575-748-3371	CITY Artesia / STATE NM / ZIP 88210	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c. WT:					
d. 38680 34980					

12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 70078429701 TO 73160

13. WASTE PROFILE NO. 708580

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME: JOE ONTIVEROS | PHONE NO: 575-887-4048 | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4835	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X José M Garcia	PRINTED/TYPED NAME
SIGNATURE X	SIGNATURE
DATE 12/17/2019	DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez	—	12/17/2019	9:30

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 G Manny

NON-HAZARDOUS WASTE MANIFEST NO 133648 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 29

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Devon Energy Corp.	6488 Seven Rivers Highway	12/19/2019
PHONE NO. 575-748-3371	CITY Artesia STATE NM ZIP 88210	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste					
b. 34,320					
c. WT:					
d. 37,320 42,980 38,460					

12. COMMENTS OR SPECIAL INSTRUCTIONS:
WEEMS # 1 BATTERY. job: 70079429701 T@ 153,080

13. WASTE PROFILE NO. 708580

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME JOE ONTIVEROS PHONE NO 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (575) 441-4835	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME José Antonio Garcia	PRINTED/TYPED NAME
SIGNATURE DATE 12/19/2019	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Carlos Montalvo		12/19/2019	9:35

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

G. Manny

NON-HAZARDOUS WASTE MANIFEST NO 133692 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 209

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Devon Energy Corp	6488 Seven Rivers Highway	12/20/2019
PHONE NO. 575-748-3371	CITY Artesia / STATE NM / ZIP 88210	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c. WT:					
d. 33,560 39420					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
WEEMS #1 BATTERY job: 70079429701 Tc 72980	708580

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
JOE ONTIVEROS	575-887-4048	

ORIGINATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TALON LPE	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: DAVID ADKINS (575) 441-4835	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X José M Gonzalez	PRINTED/TYPED NAME
SIGNATURE X DATE 12/20/2019	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez	—	12/20/2019	9:55

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

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	NCE2002758973
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?	<50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	NCE2002758973
District RP	
Facility ID	
Application ID	

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.

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: Tom Bynum Title: EHS Consultant

Signature: Tom Bynum Date: 4/6/2020

email: tom.bynum@dvn.com Telephone: 575-748-0176

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NCE2002758973
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: Tom Bynum Title: EHS Consultant

Signature: Tom Bynum Date: 4/6/2020

email: tom.bynum@dvn.com Telephone: 575-748-0176

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NCE2002758973
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: Tom Bynum Title: EHS Consultant

Signature: Tom Bynum Date: 4/6/2020

email: tom.bynum@dvn.com Telephone: 575-748-0176

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: _____

Printed Name: _____ Title: _____