



### 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

Received by OCD: 4/14/2020 8:06:10 AM

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 wa any other significant watercourse	tercourse or
□Yes ⊠No	Within 200 feet of any lakebed, sinkhole or a p	laya lake
□Yes ⊠No	Within 300 feet from an occupied permanent reschool, hospital, institution or church	esidence,
□Yes ⊠No	Within 500 feet of a spring or a private, domes well used by less than five households for dom watering purposes	
□Yes ⊠No	Within 1000 feet of any freshwater well or sprin	ng
□Yes ⊠No	Within incorporated municipal boundaries or w municipal freshwater well field covered under a ordinance adopted pursuant to Section 3-2703	a municipal
□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:

	A227	ble I s 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 CI 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)	CI (mg/kg)	
	losure Cr 15.29.12		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	ND	49	55	104.0	220	
S-3	0-1	8/7/2019		ND	ND	ND	ND	ND	ND	-
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	
	0-1	8/7/2019	ND	ND	ND	120	150	270.0	1300	
F 0 10	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	· <del>·</del>	896	
S-7	8	8/13/2019	ND	ND	ND	ND	ND	-	1500	
3-7	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	2	912	
	16	8/13/2019	ND	ND	ND	ND	ND	-	640	
	18	8/13/2019	ND	ND	ND	ND	ND ND		624	
	20	8/13/2019	ND	ND	ND	ND		-	352	
	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	
S-8	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)	CI (mg/kg)
	osure Cri .5.29.12	ANGERS CATTA	50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
	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
B-1	4	8/8/2019	ND	ND	ND	ND	ND		82
D-1	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	155	0.67
	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
B-2	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
	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
B-3	4	8/8/2019	ND	ND	ND	71	ND	71.0	150
D-3	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)	CI (mg/kg)
	losure C 15.29.12		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
SW-1	2	12/16/2019	ND	ND	ND	ND	ND	12	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	(5)	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
CIM 7	2	12/19/2019	ND	ND	ND	ND	ND		2100
SW-7	2	12/24/2019	NT	NT	NT	NT	NT		114
SW-8	2	12/19/2019	ND	ND	ND	ND	ND	- 2	ND
C)A/ O	2	12/19/2019	ND	ND	ND	ND	ND	-	670
SW-9	3	12/24/2019	NT	NT	NT	NT	NT	-	186
SW-10	2	12/19/2019	ND	ND	ND	ND	ND	-	ND
	2	12/16/2019	0.0102	ND	ND	141	18.4	159.4	681
BC-1	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
	2	12/16/2019	ND	ND	ND	16.9	ND	16.9	1080
D.C. 4	3	12/19/2019	NT	NT	NT	NT	NT	1.	200
BC-4	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
	2	12/16/2019	0.00276	ND	ND	11.7	ND	11.7	3590
D.C.C	3	12/19/2019	NT	NT	NT	NT	NT	_	87
BC-6	4	12/19/2019	NT	NT	NT	NT	NT	<u>~</u>	ND
	5	12/19/2019	NT	NT	NT	NT	NT	_	ND
	2	12/16/2019	ND	ND	ND	12	ND	12.0	1680
nc 7	3	12/19/2019	NT	NT	NT	NT	NT	-	ND
BC-7	4	12/19/2019	NT	NT	NT	NT	NT	-	ND
	5	12/19/2019	NT	NT	NT	NT	NT	-	ND
	2	12/16/2019	ND	ND	ND	40.6	ND	40.6	2530
D.C. C	3	12/19/2019	NT	NT	NT	NT	NT		150
BC-8	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)
	losure C .15.29.12	A CONTRACTOR OF THE PARTY OF TH	50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
BC-9	1	12/16/2019	ND	ND	ND	ND	ND	20	73.5
	2	12/16/2019	ND	ND	15.3	79	11.9	106.2	764
BC-10	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

Bun Su

Brandon Sinclair

**Environmental Scientist** 

David J. Adkins District Manager Page | 8

### 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

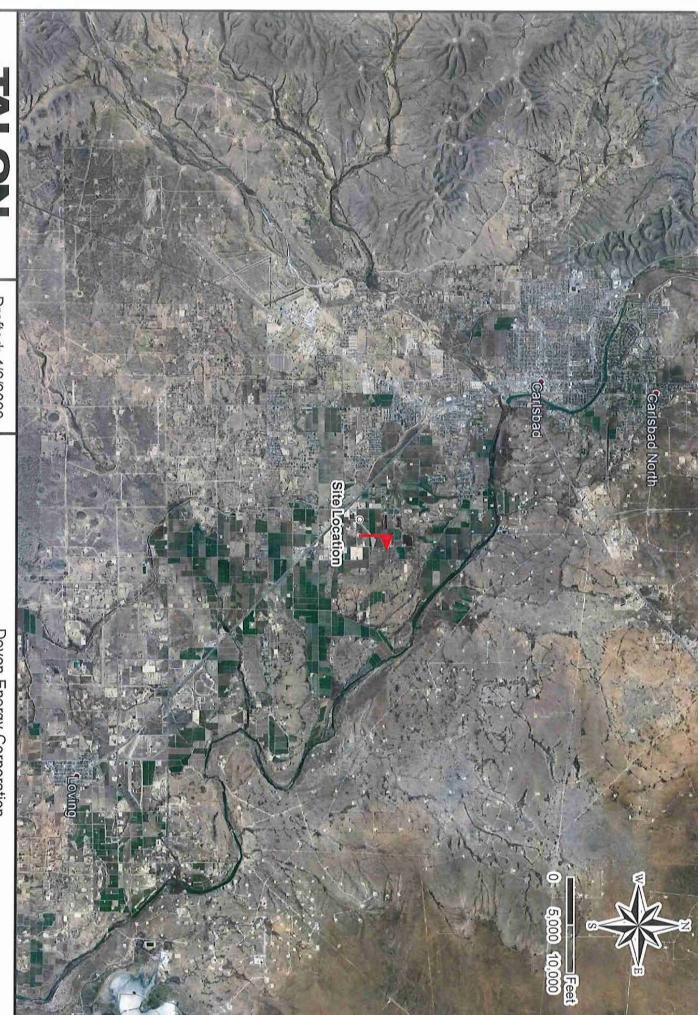
Appendix VI Laboratory Data

Appendix VII Disposal Manifests



# **APPENDIX I**

# SITE MAPS

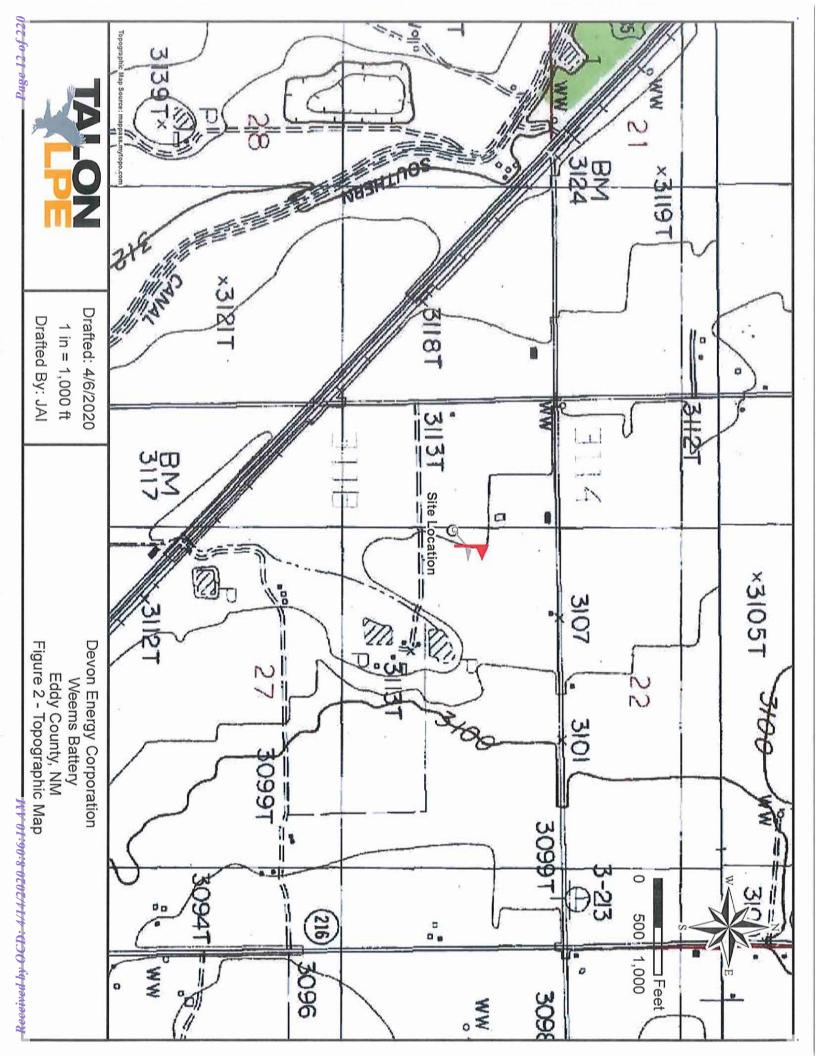




Drafted: 4/6/2020

1 in = 10,000 ft Drafted By: JAI

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



Drafted: 4/6/2020

Drafted By: JAI 1 in = 40 ft



Weems Battery
Eddy County, NM
Figure 3 - Initial Sample Point Map Devon Energy Corporation



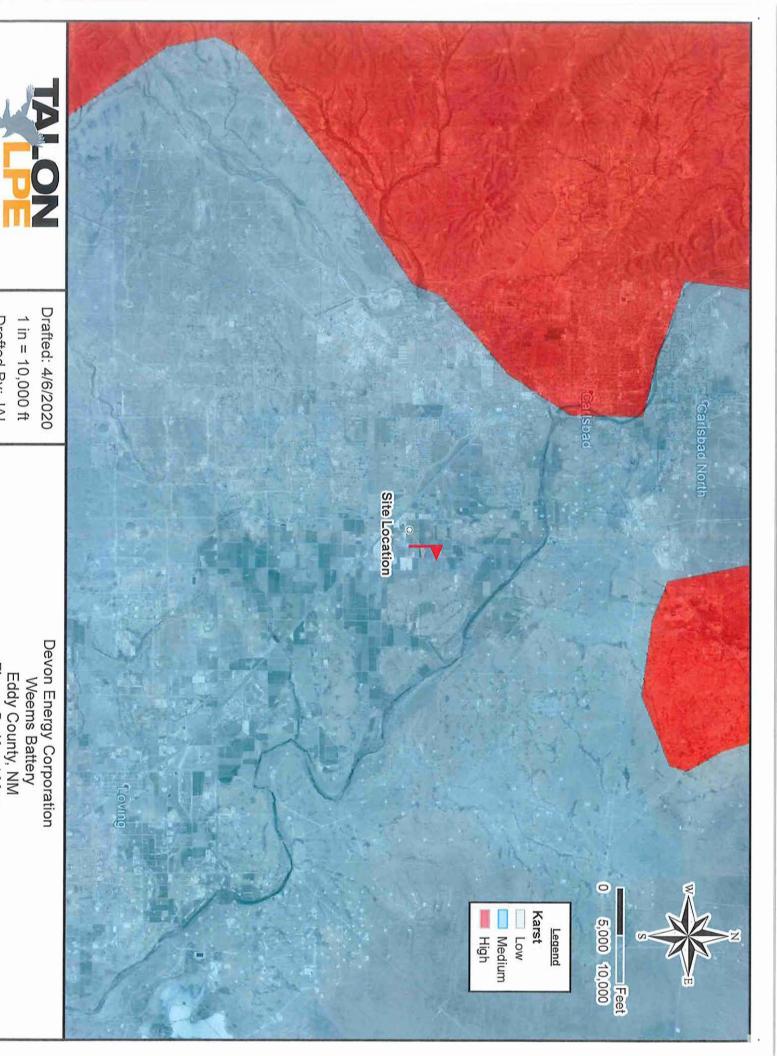


Drafted: 4/6/2020

Drafted By: JAI 1 in = 20 ft

Figure 4 - Confirmation Sample Point Map Eddy County, NM

Weems Battery



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Drafted By: JAI

Figure 5 - Karst Map

Received by OCD: 4/14/2020 8:06:10 AM

# National Flood Hazard Layer FIRMette

104°11'13,24"W

32°22'19.80"N



# Legend

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

SPECIAL FLOOD HAZARD AREAS

Regulatory Floodway With BFE or Depth Zone AE, AD, AH, VE, AR Without Base Flood Elevation (BFE) Zone A. V. AS9

Future Conditions 1% Annual areas of less than one square mile Zone X

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage

Area with Flood Risk due to LeveeZone D Levee. See Notes. Zone X Chance Flood Hazard Zone X

FLOOD HAZARD

NO SCREEN Area of Minimal Flood Hazard Zone X

Area of Undetermined Flood Hazard Zone D Effective LOMRs

OTHER AREAS

GENERAL ----- Channel, Culvert, or Storn
STRUCTURES | 1111111 Levee, Dike, or Floodwall Channel, Culvert, or Storm Sewer

17.5 Water Surface Elevation Coastal Transect Cross Sections with 1% Annual Chance Limit of Study Base Flood Elevation Line (BFE)

OTHER FEATURES Jurisdiction Boundary

Coastal Transect Baseline

Profile Baseline Hydrographic Feature

Digital Data Available

Unmapped No Digital Data Available

MAP PANELS

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

This map compiles with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown compiles with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map authoritative and the flood of 146/2020 at 11:34:55 AM and does not 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



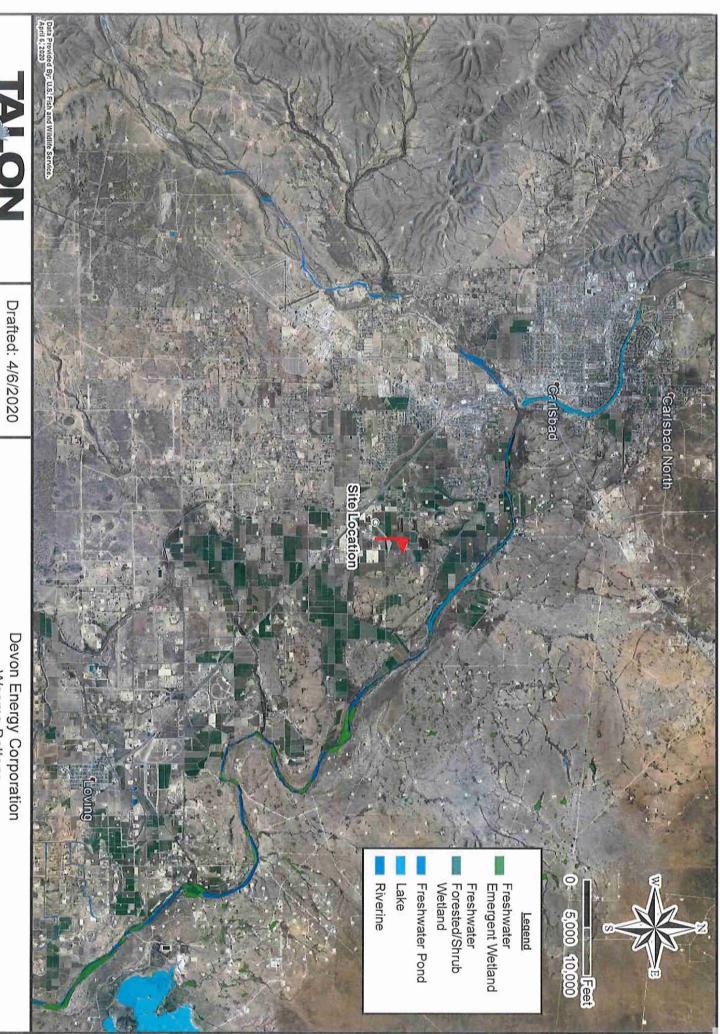
Date: 04/06/2020

Scale: Refer to Map

Drawn By: JAI

Eddy County, NM

Devon Energy Corporation Weems Battery Figure 6 - FEMA Flood Map



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)

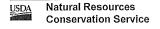
### Interpretive groups

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

(NAD83 UTM in meters)

(In feet)

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		POD Sub-		Q	Q	Q								,	Water
POD Number C 00901	Code	basin Co	ounty ED					Tws 22S	_	<b>X</b> 577048	<b>Υ</b> 3581707*	Distance Dis	<mark>DepthWellD</mark> e 193	pthWater C	olumn 153
C 04027 POD1		CUB	ED					228		576704	3581378	309	140	55	85
C 00588		С	ED					228			3581707*	328	200	33	03
C 00150		CUB	ED					228		576643	.4000	338	80		
C 00150 A	0	CUB	ED					228			3581501*	338	147		
C 00572		CUB	ED	2	4	1	27	228	27E	577250	3581301*	343	98	90	8
C 00009		CUB	ED	3	3	3	22	228	27E	576641	3581908	520	165	100	65
C 00152		С	ED	3	3	3	22	228	27E	576641	3581908*	520	151		
C 00587		С	ED	2	2	2	28	228	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	228	27E	577052	3580694*	823	157		
C 00614		С	ED	3	1	3	22	228	27E	576639	3582314*	869	95	60	35
C 02512		С	ED		1	3	22	228	27E	576740	3582415* ()	932	68	38	30
C 02512 POD2		С	ED		1	3	22	228	27E	576740	3582415*	932	142	57	-85
<u>C 00613</u>		С	ED	4	2	4	21	228	27E	576434	3582309*	964	100	60	40
C 02903		С	ED	3	4	4	22	228	27E	577858	3581926*	968	57	40	17
C 03064		С	ED	4	2	4	28	228	27E	576442	3580682* 🚛	992	125	70	55
C 03129	О	С	ED	4	2	4	28	228	27E	576442	3580682*	992	115		
C 00194		С	ED	1	4	3	27	228	27E	577054	3580487*	1030	165	100	65
<u>C_00532</u>		С	ED	2	2	2	27	228	27E	578060	3581720*	1097	90		
C 00251		С	ED		4	4	22	228	27E	577959	3582027* 🏐	1103	84		
C 02881		С	ED		4	4	22	228	27E	577959	3582027* 🗓	1103	60	39	21
C 02259		С	ED		2	4	21	228	27E	576335	3582410*	1104	60	45	15
<u>C 02558</u>		С	ED		2	4	21	228	27E	576335	3582410*	1104	55	36	19
<u>C 01829</u>		CUB	ED	3	2	4	28	228	27E	576242	3580682*	1113	125		
<u>C 02117</u>		CUB	ED	1	1	2	28	228	27E	575834	3581691*	1160	150	60	90
<u>C 00056</u>		CUB	ED	1	3	2	28	228	27E	575835	3581284*	1169	98		
C 03062		CUB	ED	3	2	4	27	228	27E	577863	3580706*	1196	150	100	50
C 00467		С	ED		2	4	27	228	27E	577964	3580807* 🏐	1210	200	74	126
C 02149 CLW468826	О	С	ED			4	28	228	27E	576141	3580572*	1262	125	70	55
C 00015 CLW238653	0	CUB	ED		1	4	28	228	27E	575938	3580778*	1277	200		
C 03763 POD1		С	ED	1	2	2	28	228	27E	575687	3581616	1298	240	55	185

									5				
C 00077	•	CUB	ED	1	1 1 2	6 228	27E	578266	3581726*	1301	118	40	78
<u>C 01744</u>		С	ED		4 4 2	8 228	27E	576345	3580377*	1303	140	100	40
C 00015		CUB	ED	4	4 4 2	8 228	27E	576444	3580276*	1350	200		
C 00486		С	ED	4	4 4 2	3 228	27E	576444	3580276*	1350	146		
C 02149		С	ED	4	4 4 2	3 228	27E	576444	3580276*	1350	119	62	57
C 00562		С	ED	4	2 4 2	7 228	27E	578063	3580706*	1350	150		
C 02961		С	ED	3	1 4 2	1 228	27E	575830	3582303*	1395	150	70	80
C 00027		CUB	ED	4	4 3 2	1 228	27E	575628	3581891	1404	166		
C 00027 CLW238752	0	CUB	ED	4	4 3 2	1 228	27E	575628	3581891* 🛅	1404	166		
C 01242		CUB	ED	1	3 3 2	3 228	27E	578264	3582133*	1423	155	40	115
C 00229		CUB	ED	1	1 1 3	1 228	27E	576650	3580074	1477	200		
C 02488		С	ED		4 4 2	7 228	27E	577966	3580401*	1486	76	38	38
C 03364 POD2		С	ED	4	3 4 27	7 22S	27E	577765	3580249	1488	250		
C 03364 POD1	R	С	ED	4	3 4 27	7 22S	27E	577765	3580245	1492	107	50	57
C 00653	÷	С	ED	1	1 2 34	228	27E	577462	3580087*	1506	120	80	40
C 00078		CUB	ED	3	1 3 26	228	27E	578269	3580712*	1517	180		
C 01713		С	ED	3	1 3 23	3 228	27E	578262	3582339*	1522	101	46	55
C 00747		CUB	ED	3	3 2 21	228	27E	575828	3582709*	1660	148	85	63
C 00747 CLW198561	0	CUB	ED	3	3 2 21	22S	27E	575828	3582709*	1660	148		
C 03553 POD1		С	ED	4	2 2 33	228	27E	576554	3579841	1726	200	75	125
C 01805		С	ED		3 23	228	27E	578566	3582235*	1740	125	98	27
C 00014		CUB	ED	3 :	2 3 28	228	27E	575434	3580672*	1762	202		-
C 00825		CUB	ED	3 ;	3 3 26	228	27E	578270	3580306*	1766	132	68	64
C 00436		С	ED	;	3 3 26	228	27E	578371	3580407*	1777	88	48	40
C 00455		С	ED	2 :	2 2 34	228	27E	578066	3580093*	1788	133		
C 00981		С	ED	2 :	2 2 34	228	27E	578066	3580093*	1788	250	41	209
<u>C 02458</u>		CUB	ED	2 2	2 2 34	228	27E	578066	3580093*	1788			
C 00030 CLW193040	О	CUB	ED	1 :	3 2 34	228	27E	577465	3579680*	1897	220	69	151
C 00030 CLW193055	0	CUB	ED	1 3	3 2 34	228	27E	577465	3579680*	1897	205		
C 00030 S		CUB	ED	1 :	3 2 34	228	27E	577465	3579680*	1897	200	69	131
C 00212 CLW193845	О	CUB	ED	1	1 1 35	228	27E	578271	3580099*	1915			
<u>C 00531</u>		CUB	ED	1	1 1 35	228	27E	578271	3580099*	1915	150	87	63
C 01776		С	ED	3	3 1 23	228	27E	578361	3582846*	1917	157	40	117
C 00880		С	ED	4 2	2 2 34	228	27E	578066	3579893*	1951	190		
<u>C 02787</u>		С	ED	1 3	3 1 28	228	27E	575028	3581274*	1968	143	54	89
C 00014 CLW244969	. О	CUB	ED	3 3	3 1 28	22S	27E	575028	3581074*	2002	205		
C 00014 CLW244972	Ο	CUB	ED	3 3	3 1 28	228	27E	575028	3581074*	2002	205		
C 00014 S		CUB	ED	3 3	3 1 28	228	27E	575028	3581074*	2002	205		
<u>C 02392</u>		С	ED	4	1 2 33	228	27E	576350	3579564*	2050	150	48	102
C 03738 POD1		С	ED	1 1	3 34	228	27E	576785	3579382	2141	. 137	68	69

C 03434 POD1		С	ED	4 4 2	29 228	27E	574876	1000	2145	99	75	24
C 00356		С	ED		34 228	27E		3579359*	2189	155	45	110
C 02631		С	ED	4 4 2	29 228	27E	574823	3581067*	2204	96	69	27
C 00231 A		CUB	ED	1 4 1	23 228	27E	578666	3582951*	2213	178	45	133
C 03063		CUB	ED	1 4 1	23 228	27E	578666	3582951*	2213	163	40	123
<u>C 00410</u>		CUB	ED	4 4 3	26 228	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	0	CUB	ED	1 2 3	34 22S	27E	577062	3579267*	2249	205		
C 00215		CUB	ED	4 3 2	33 228	27E	576044	3579458*	2260	180	150	30
<u>C 02648</u>		С	ED	4 2	29 228	27E	574724	3581168*	2283	200	66	134
C 00016		CUB	ED	3 3 1	21 228	27E	575018	3582698	2292	167		
C 00016 CLW202898	Ο	CUB	ED	3 3 1	21 228	27E	575018	3582698*	2292	209		
<u>C 03073</u>		С	ED	4 4 2	34 22S	27E	578068	3579486*	2301	150	122	28
<u>C 00191</u>		CUB	ED	3 3 2	33 228	27E	575844	3579458*	2350	200		
C 04279		С	ED	3 3 3	14 228	27E	578253	3583498	2356	200	35	165
C 01312		CUB	ED	3 1	35 22S	27E	578373	3579593*	2372	203	65	138
<u>C 01523</u>		С	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	0	CUB	ED	1 2 4	34 22S	27E	577870	3579279*	2405	265		
C 00043		С	ED	3 3 3	4 228	27E	578256	3583557*	2407	120		
C 02996		С	ED	1 1 1 :	3 228	27E	575034	3580055*	2433	120	62	58
C 00287		CUB	ED	3 1 3	84 22S	27E	576657	3579061*	2475			
C 00282		CUB	ED	3 2 2 2	26 22S	27E	579482	3581546*	2500	125	50	75
C 02230		С	ED	;	33 228	27E	575742	3579340*	2503	260	90	170
<u>C 02449</u>		С	ED	;	33 228	27E	575742	3579340*	2503	300	70	230
C 01010		С	ED	4 3	6 228	27E	575519	3583617* 🛴	2560	150		
<u>C 00644</u>		CUB	EĐ	3 2 4 3	3 228	27E	576251	3579056*	2564	190		
C 00644 CLW198574	О	CUB	ED	3 2 4 3	3 228	27E	576251	3579056*	2564	100		
C 03505 POD1		С	ED	3 2 2 2	.6 22S	27E	579548	3581491	2566	80		
C 03085		С	ED	2 2 2 3	228	27E	574830	3580049*	2603	155	82	73
<u>C 00279</u>		С	ED	2 2 2	.6 22S	27E	579583	3581647*	2604	160	48	112
C 02587	R	С	ED	2 2 2	6 228	27E	579630	3581720	2656	71	12	59
C 03043		С	ED	2 3 3 3	4 228	27E	576859	3578855*	- 2662	118	68	50
C 00559		С	ED	3 4 4 2	9 228	27E	574628	3580255*	2669	200		
C 00193		CUB	ED	1 3 1 3	3 228	27E		3579649*	2696	190		
C 03074		С	ED	4 3 1 3	3 228	27E		3579449*	2705	115	85	30
C 02502		С	ED		2 228			3579950*	2740	98	64	34
C 03290		С	ED	1 3 3 3				3578778	2749	127	72	55
C 00680		С	ED	3 1 3 3				3579085*	2751	150	46	104
<u>C 01700</u>		С	ED		4 22S			3578756*	2767	205	118	87
<u>C 01801</u>		С	ED		4 228			3578756*	2767	220	,10	5,
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C 00410 CLW195750	Ο	CUB	ED	3 4	4 26	22S	27E	579486	3580329*	2771	209	41	168
C 00178		CUB	ED	1 2	2 3 35	22S	27E	578677	3579293* 🏐	2794	119		
C 00586		CUB	ED	1 2	3 35	228	27E	578677	3579293*	2794	254		
C 02242		CUB	ED	1 1	4 15	228	27E	577186	3584336	2829	150	22	128
C 04217 POD1		С	ED	1 1	2 23	22S	27E	579137	3583385	2854	175	75	100
C 01172		CUB	ED	3 4	3 34	228	27E	577064	3578661* 🏐	2854	220		
C 00114		CUB	ED	3 1	4 20	228	27E	574210	3582279*	2874	253		
C 00700		CUB	ED	3 3	3 2 15	228	27E	577441	3584355* 🗐	2877	132		
C 03480 POD1		С	ED	3 2	3 16	228	27E	575466	3583961	2877	74	41	33
C 00210		CUB	ED	3 3	3 2 35	228	27E	579082	3579508*	2905	211		
C 00210 CLW193708	Ο	CUB	ED	3 3	3 2 35	228	27E	579082	3579508*	2905	211		
C 02590		С	ED	2 1	2 32	228	27E	574425	3580043*	2949	87	45	42
C 02590 POD2		С	ED	2 1	2 32	228	27E	574425	3580043*	2949	300	114	186
C 00515		CUB	ED	3 4	4 33	228	27E	576254	3578650*	2955	180	80	100
C 00515 CLW197977	О	CUB	ED	3 4	4 33	228	27E	576254	3578650*	2955	180		
C 02667		С	ED	1 3	8 4 29	228	27E	574223	3580448*	2957	128	81	47
C 03130		С	ED	4 2	1 29	228	27E	574010	3581461*	2971	162		
C 00760		С	ED		16	228	27E	575717	3584215*	2981	72	44	28
C 03066		С	ED	1 1	3 33	228	27E	575037	3579243*	2990	240		
<u>C 02262</u>		С	ED	4	2 32	228	27E	574732	3579544*	2990	128	60	68
C 01761		С	ED		3 35	228	27E	578575	3578980*	2994	135	85	50

Average Depth to Water:

64 feet

Page 4 of 4

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

Crude Oil

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 Devor	n Energy Produ	ction Company	OGRID 6137	
Contact Name Amanda T. Davis				Contact Telephone 575-748	-0176
Contact email amanda.davis@dvn.com			m	Incident # (assigned by OCD)	
		6488 Seven Ri			
			Location of	of Release Source	
Latitude 32	2.368151		(NAD 83 in deci	Longitude -104.18176	7
Site Name W	/eems #1			Site Type Oil	
Date Release	Discovered -	7/29/2019		API# (if applicable)	
Unit Letter	Section	Township	Range	County	
С	27	22S	27E	Eddy	
Surface Owne	r: State [	☐ Federal ☐ Tı	ribal Private (No	<sub>ame:</sub> Weems, W A & Bet	ty S
				Volume of Release	,
	Material	(s) Released (Select al	l that apply and attach c	alculations or specific justification for the volu	imes provided below)

Is the concentration of total dissolved solids (TDS)	Пус Пос
in the produced water >10,000 mg/l?	Yes No
Volume Released (bbls)	Volume Recovered (bbls)
Volume Released (Mcf)	Volume Recovered (Mcf)
Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
er treater pressured up causing vessel to r	rupture off pad releasing fluid.
or treater pressured up causing vesser to r	upture on pad releasing huid.
	Volume Released (bbls)  Volume Released (Mcf)

Volume Recovered (bbls) 63

Volume Released (bbls) 81

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	If YES, for what reason(s) does the respon	sible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	This is considered a major relea	se because it is over 25 BBLS.
19.13.29.7(A) NMAC?		
Yes No		
		om? When and by what means (phone, email, etc)?
Email notification se 7/30/2019.	ent to Robert Hamlet, Jim Griswol	d, and Mike Bratcher from Amanda Davis on
	Initial Re	sponse
The responsible p	party must undertake the following actions immediately	unless they could create a safety hazard that would result in injury
The source of the rele	ase has been stopped.	
The impacted area has	s been secured to protect human health and	he environment.
Released materials ha	we been contained via the use of berms or di	kes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	managed appropriately.
If all the actions described	l above have <u>not</u> been undertaken, explain w	rhy:
Per 19.15.29.8 B. (4) NM	AC the responsible party may commence re	mediation immediately after discovery of a release. If remediation
within a lined containmen	i narrative of actions to date. If remedial e t area (see 19.15.29.11(A)(5)(a) NMAC), pl	fforts have been successfully completed or if the release occurred ease attach all information needed for closure evaluation.
		est of my knowledge and understand that pursuant to OCD rules and
regulations all operators are	required to report and/or file certain release notifi	cations and perform corrective actions for releases which may endanger
public health or the environmer failed to adequately investigation	nent. The acceptance of a C-141 report by the Oo ate and remediate contamination that nose a threa	CD does not relieve the operator of liability should their operations have t to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of		esponsibility for compliance with any other federal, state, or local laws
and/or regulations.		THE Appropriate
Printed Name: Kendra	а Бенбубѕ	Title: EHS Associate
Signature: Kendra	Deltoyos	Date: 7/30/2019
<sub>email:</sub> kendra.deh	oyos@dvn.com	Telephone: 575-748-3371
OCD Only		
Received by:		Date:

Received by OCD: 4/14/2020 8:06:10 AM

### 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.

and mercaning ename or eastery accuments of minar entripring, and a	Therefore the remodular deliviness. Telefor to 19,13,29,12 (1111/16).
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 must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replaced human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
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
	rty of liability should their operations have failed to adequately investigate surface water, human health, or the environment nor does not relieve the cal laws and/or regulations.
Closure Approved by: Justus 2	Date:05/29/2020
Printed Name: Cristina Eads	Title: Environmental Specialist



# **APPENDIX IV**

# **BORING LOGS**

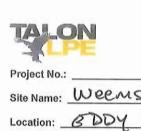
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Project No.:  Site Name: Weems B 777  Location: Eddy Co  Date: B/8/19  Boring Number: B-1				_ Weat , _ Logg _ Field _ Latitu	BORING LOG  her: Temp.: 95°F  er: ADKINS  Instrument: N  itude: W	Driller: B-Sincla Rig Type: Geopobe Bit Size: Drilling Method: dived Sample Retrieval Method:	push		
Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	nscs	Composition (%)	Sample Materia Include composition, color, gra plasticity,	nin size, moisture, hardness,	Hydrocarbon Odor	PID (nnm)
		0,7				Brown sandy co	elich	None Slight Mod. Strong	
		2'		26.		Brown st. clay	ey fine Sand	None Slight Mod. Strong	
		3'		N 3		Brown S1. clay	en f. Sand	None Slight Mod. Strong	
		4'				(11)	l	None Slight Mod, Strong	
								None	_

		2'	26.	Brown St. clayer fine Sand	Slight  Mod. Strong	
		3'	56- 50	Brown S1. clayey & Sand	None Slight Mod. Strong	
		4'		(11)	None Slight Mod, Strong	
		5'	50	Brown sandy chay	None Slight Mod. Strong	
		6'	SC	1+. brn sady clay	None Slight Mod. Strong	
		7'	SP SC	17. brn sticlayer sand	None Slight Mod. Strong	
		8,	5C	(")	None Slight Mod. Strong	
					None Slight Mod.	
					Strong None Slight Mod.	
					Strong None Slight Mod. Strong	
					None Slight Mod. Strong	
Surfac	e Eleva	tion:			<b>N</b> 4	

Notes:

Logger Initials: DA



Date: 9/8

### **BORING LOG**

BHY	Weather: Clear Temp.: 95°F  Logger: DADKUS	Driller: B. Sinclair Rig Type: Geoprobe
co.	Field Instrument:	Bit Size:
9	Latitude:N	Drilling Method: direct push
-2	Longitude:W	Sample Retrieval Method:

Boring	Number	r:B	5-2		Long	itude:	*	_w	Sample Retrieval Method:	core	_
Time	Lab Sample Collected	Sample Interval (ff)	Sample Recovery (ff)	nscs	Composition (%)	Include co	mposition,	color, gr	ial/Comments rain size, moisture, hardness, , density	Hydrocarbon Odor	PID (ppm)
		0-1:				Brow	۸ sa_	shy	caliche	None Slight Mod. Strong	
		3'		SP SC		Brown	ر چ ۱. و	lay e	y sand	None Slight Mod. Strong	
		4'		5ρ 5C		(	" )			None Slight Mod. Strong	
		5'				(	(11)			None Slight Mod. Strong	
		6'				(	(11)			None Slight Mod. Strong	
		7'				(	(")			None Slight Mod. Strong	
		වේ				Brown	~ 8(.	clay	y fine Soul (SP-SC)	None Slight Mod. Strong	
										None Slight Mod. Strong	
										None Slight Mod. Strong	
		ž.					-			None Slight Mod. Strong	
										None Slight Mod. Strong	
										None Slight Mod,	
Surfac Notes:	Surface Elevation: Notes: Logger Initials:										

F-T215-A (072617)

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### **BORING LOG**

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Project No.:  Site Name: Weens Bffy				1		Weather: Clear Temp.: 95 F Driller: B-Sinclouis				
						Logger: DADKUS Rig Type: Geopho				
Locatio	Location: EDDy Co, NM					Instrument:		Bit Size:		
Date: 8/8/19					_ Latitu	ıde:	N	Drilling Method: direct	- push	_
Boring Number: 8-3						itude:	9000	Sample Retrieval Method:	eshili ee	
								1 (1) 20 Min (1) 20 Min (1) (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1) 1 (1)		-
Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ff)	nscs	Composition (%)	Include con	nposition, color, g	rial/Comments rain size, moisture, hardness, y, density	Hydrocarbon Odor	PID (ppm)
		07'		>P		Bown	Fsads	of trace ants clay	None Slight Mod. Strong	
		2'		5P 5C		Drk, bu	rown sl.	clayey for sand	None Slight Mod. Strong	
		3'		SP SC				fine Sal	None Slight Mod. Strong	
		4'		SP SC	Va	(50)	(SP-SC		None Slight Mod. Strong	
		5'		5C		BN	Sady	clay	None Slight Mod. Strong	
		6'		≤ρ 5 c		Bru (	sh claye	y Sand	None Slight Mod. Strong	
		7'		SIN SIN	٤	Brn	sh day	ing Send	None Slight Mod. Strong	
		8'		50 50				ey Sands	None Slight Mod. Strong	
							,		None Slight Mod. Strong	
		0							None Slight Mod. Strong	
									None Slight Mod. Strong	
									None Slight Mod. Strong	
Surfac Notes:	e Elevat	tion:						Logger Initials	825	

TALS	PN
Project No.:	
Site Name:	WEEMS BITY.
Location: _	15ddy do
Date:	8/13/19

### **BORING LOG**

Weather: <u>Clear</u> Temp.: 20°F	Driller: B. Sindair
Logger:	Rig Type: <u>Geopobe</u>
Field Instrument:	Bit Size:
Latitude:N	Drilling Method: direct push
Longitude: W	Sample Retrieval Method:

Boring	Number	<u>s-</u>	7/3	-4	Long	itude: W Sample Retrieval Method:	core	
Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ff)	nscs	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
		0-		58		Dark brown fine sond	None Slight Mod. Strong	
		2'		SP		Drk bru finsen	None Slight Mod. Strong	
		3 '		50		Drk bru fine sad of trace ant sad	None Slight Mod. Strong	
		4'		SP SC	,	Drk brush chycy fine sond	None Slight Mod. Strong	
		5		5P	,	Bru. St. clayey f. Sand	None Slight Mod. Strong	
		6'				(11)	None Slight Mod. Strong	
		7'				(11)	None Slight Mod. Strong	
		8'		SP		Brn fire soul Ttrace ants clay	None Slight Mod. Strong	
		9'		5P		(")	None Slight Mod. Strong	
		10'		БP		(4)	None Slight Mod. Strong	
		12'		5P 5C.		BrN sl. clayey from	None Slight Mod. Strong	
		14'		5P 5C		light brown st. clayer	None Slight Mod. Strong	
Surfac Notes:	e Elevat	ion:		1.		Logger Initials:		

F-T215-A (072617)

Page \_\_\_\_\_ of \_\_\_\_\_

<b></b>	7	T						
Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	SOSN	Composition (%)	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor	PID (ppm)
		16'		5P 5N		lightfan fine sands of verying ants of silt + clay light fan slightly clayey fine sand clay	None Slight Mod. Strong	
		18'		5P 8C	•	light for slightly clayer	None Slight Mod. Strong	
		20'		Á	L)	Gray sarly 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	
					134.1		None Slight Mod. Strong	
							None Slight Mod. Strong	
							None Slight Mod. Strong	
Nice							None Slight Mod. Strong	
NOTES:	5-7	1/8-	4			Logger Initials:	DA	

TAL	ON.
3	PE
ml.	

A					BORING LOG						
Project	t No :				Wood	Weather: Synny Temp.: 90 of Driller: Brandon Sinclair					
					_ wear						
Site Na	ime: <u>VV</u>	eems	1301 Ter	7	_ Logg	ger:		Rig Type: <u>geoprobe</u>		-	
Location	Site Name: Weems Battery Location: Eddy County				_ Field	d Instrument:		Bit Size:		_	
Date:	8-1	3-19				ude:	N	Drilling Method: direct p	ush		
Boring	Number	r: <u>5-8</u>	18-5	Hi .				THE RESERVE TO SELECT A SECOND SECOND			
Doming	Number		700		Long	Longitude: W Sample Retrieval Method:			ne	-	
Time	Lab Sample Collected	Sample Interval (ft)	Sample Recovery (ft)	nscs	Composition (%)	Include comp	Sample Materia position, color, gra plasticity,	in size, moisture, hardness,	Hydrocarbon Odor	PID (ppm)	
		3		SP		dark brown	n fine sand	d, trace amounts of clay	None Slight Mod. Strong		
		4'		5 P		dark brown	fine sand,	trace amounts of clay	None Slight Mod. Strong		
		6'		5P- 5C		Jark brown	sand, sli	ightly clayey	None Slight Mod. Strong		
		8'		5P- SC		dark brow	n slightly	clayey sand	None Slight Mod. Strong		
		10'		SM		brown :	silty sav	nd	None Slight Mod. Strong		
		12		SC		tan san	dy clay	(	None Slight Mod. Strong		
		14'		CL		tan san	dy clay		None Slight Mod. Strong		
		16'		cL		tan san	dy clay		None Slight Mod. Strong		
									None Slight Mod. Strong		
		2							None Slight Mod. Strong		
									None		
									Slight Mod.		
			, ,	1 1	1 1				17077373		

Surface Elevation: Notes:

Strong None Slight Mod. Strong



# **APPENDIX V**

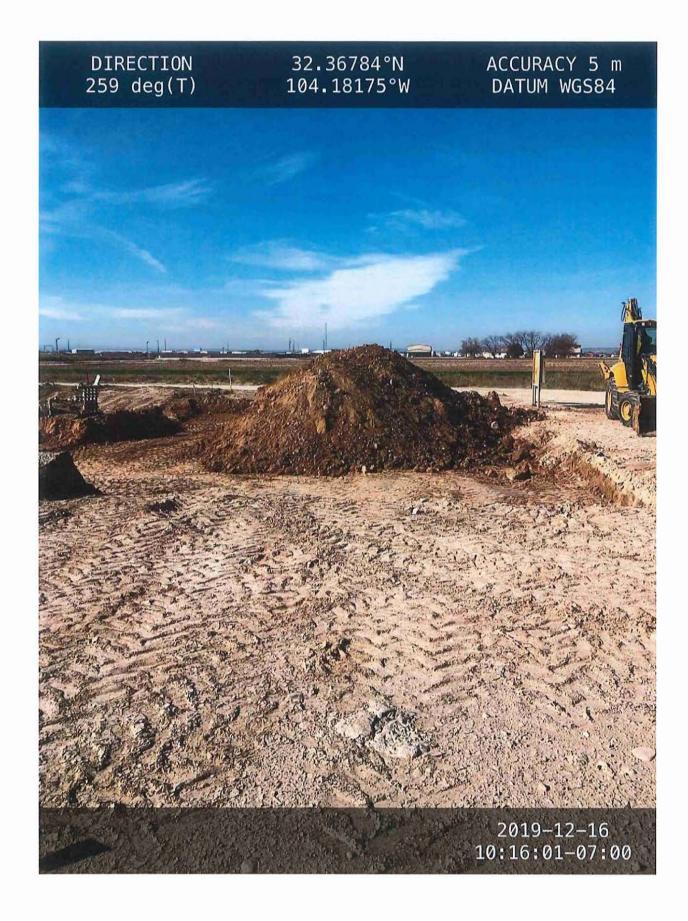
# PHOTOGRAPHIC DOCUMENTATION

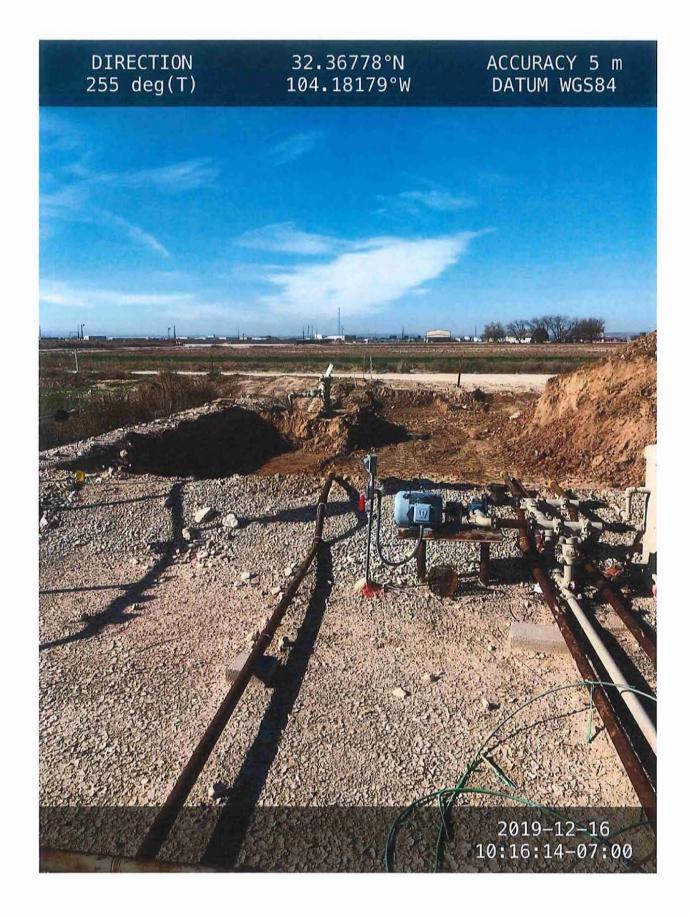
Figure 1: Initial Site Assessment Photograph

Figure 2: Excavation Photographs









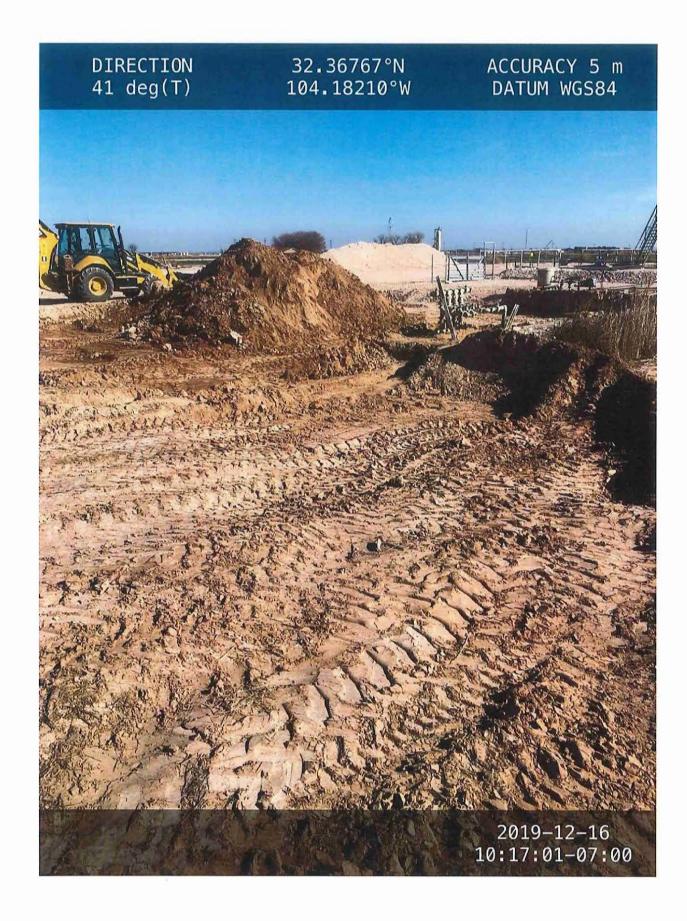


Figure 3: Final Drone Photograph



# **APPENDIX VI**

# LABORATORY DATA



Hall Environmental Analysis Laboratory 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

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						Anaiyst	CJS
Chloride	ND	60		mg/Kg	20	8/9/2019 4:57:16 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					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
Sum: 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.
- Sample Diluted Due to Matrix
- 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

Lab Order 1908497

Date Reported: 8/14/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Devon Weems Battery

Lab ID: 1908497-002

Client Sample ID: S-2, 0-1'

**Collection Date:** 8/7/2019 9:15:00 AM

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 ORG	ANICS				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.
- 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
- 3 Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 16

Lab Order 1908497

Date Reported: 8/14/2019

# 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: 1908

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 OR	GANICS				Analyst:	BRM
Diesel Range Organics (DRO)	NĐ	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.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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Lab Order 1908497

Date Reported: 8/14/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-4, 0-1'

Project: Devon Weems Battery

Collection Date: 8/7/2019 9:40:00 AM

Lab ID:

1908497-004

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 5:34:30 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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Lab Order 1908497

Date Reported: 8/14/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: S-5, 0-1'

Devon Weems Battery Project:

Collection Date: 8/7/2019 9:50:00 AM

Lab ID:

1908497-005

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	130	59	mg/Kg	20	8/9/2019 5:46:55 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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.
- Sample Diluted Due to Matrix
- D Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

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

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Lab Order 1908497

Date Reported: 8/14/2019

# 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 ORG	SANICS				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.
- 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
- 3 Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1908497

Date Reported: 8/14/2019

# 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 ORG	ANICS				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	880.0	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.
- 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

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Lab Order 1908497

Date Reported: 8/14/2019

# 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 ORG	SANICS					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 cheeklist for flagged QC data and preservation information.

#### Qualifiers:

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

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Lab Order 1908497

Date Reported: 8/14/2019

# 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 ORG	SANICS					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.
- 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
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1908497

Date Reported: 8/14/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

**Project:** Devon Weems Battery

Lab ID: 1908497-010

Client Sample ID: S-8, 3'

Collection Date: 8/7/2019 12:55:00 PM

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 ORG	ANICS					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.
- 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
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1908497

Date Reported: 8/14/2019

# 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 ORG	SANICS					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.
- Sample Diluted Due to Matrix
- 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

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Lab Order 1908497

Date Reported: 8/14/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Devon Weems Battery

Project: I Lab ID: I

1908497-012

Client Sample ID: S-8, 4.5'

Collection Date: 8/7/2019 1:15:00 PM

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	1400	60		mg/Kg	20	8/9/2019 7:38:37 PM	46714
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	BRM
Diesel Range Organics (DRO)	320	9.0		mg/Kg	1	8/12/2019 1:34:37 PM	46718
Motor Oll 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.
- 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

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# Received by OCD: 4/14/2020 8:06:10 AM

# **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

Result

ND

SeqNo: 2105472

Units: mg/Kg

Analyte

Analysis Date: 8/9/2019

**PQL** 

1.5

1.5

HighLimit

**RPDLimit** 

Qual

Chloride

SampType: ics

TestCode: EPA Method 300.0: Anions

SPK value SPK Ref Val %REC LowLimit

Sample ID: LCS-46714 Client ID: LCSS

Batch ID: 46714

RunNo: 62054

%REC

Units: mg/Kg

Prep Date: 8/9/2019

Analysis Date: 8/9/2019

SeqNo: 2105473

%RPD

%RPD

Analyte

PQL

15.00

96.8

Qual

Chloride

15

SPK value SPK Ref Val

LowLimit

HighLimit 110 **RPDLimit** 

Qualifiers:

Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix

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

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits Sample pH Not In Range

Reporting Limit

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# Received by OCD: 4/14/2020 8:06:10 AM

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

WO#:

1908497

14-Aug-19

Client:

Talon Artesia

Project: Devon	Weems Batt	ery								
Sample ID: LCS-46709	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch	n ID: 46	709	F	RunNo: 6	2043				
Prep Date: 8/9/2019	Analysis D	ate: <b>8/</b>	11/2019	8	SeqNo: 2	105685	Units: mg/F	⟨g		
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	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch	1D: 46	709	F	RunNo: 6	2043				
Prep Date: 8/9/2019	Analysis D	ate: 8/	11/2019	8	SeqNo: 2	105686	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.5		10.00		84.6	70	130			
Sample ID: MB-46718	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	o Organics	
Client ID: PBS	Batch	1D: 46	718	F	RunNo: 6	2067				
Prep Date: 8/12/2019	Analysis D	ate: 8/	12/2019	S	SeqNo: 2	105904	Units: mg/H	ξg		
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	SampT	ype: LC	s	Tesi	Code: EF	PA Method	8015M/D: Die	esel Range	Organics	
Client ID: LCSS	Batch	ID: 46	718	R	lunNo: 6:	2048				
Prep Date: 8/12/2019	Analysis D	ate: 8/	12/2019	S	SeqNo: 2	105931	Units: mg/K	(g		
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.
- Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

# **QC SUMMARY REPORT**

# Hall Environmental Analysis 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

**LowLimit** 

77.4

Client ID: PBS Batch ID: G62031

RunNo: 62031

PQL

%REC

Prep Date:

Analysis Date: 8/9/2019

SeqNo: 2104803

Units: mg/Kg

118

Qual

Analyte Gasoline Range Organics (GRO) Result ND 990

1000

SPK value SPK Ref Val

SPK value SPK Ref Val

98.7

HighLimit

**RPDLimit** 

Surr: BFB Sample ID: 2,5UG GRO LCSB

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS

Batch ID: G62031

PQL

5.0

RunNo: 62031

Prep Date:

Analysis Date: 8/9/2019

SeqNo: 2104830

Units: mg/Kg

120

118

HighLimit

%REC LowLimit

%RPD

%RPD

Qual

Analyte Gasoline Range Organics (GRO) Surr: BFB

Result 24 1100

25.00 1000

94.3 80 112 77.4

**RPDLimit** 

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

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

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range Reporting Limit

Page 15 of 16

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

WO#:

1908497

14-Aug-19

Client:

Talon Artesia

Project:

Devon Weems Battery

Sample ID: RB	· ·	Гуре: <b>М</b> Е h ID: <b>В</b> 6			tCode; El		8021B: Volat	iles		
Prep Date:	Analysis [		9/2019		SeqNo: 2		Units: mg/K	g		
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 L	CSB Samp1	ype: LC	s	Tes	tiles					
Client ID: LCSS	Batcl	n ID: <b>B6</b>	2031	F	RunNo: 6	2031				
Prep Date:	Analysis D	)ate: 8/	9/2019	\$	SeqNo: 2	104836	Units: mg/K	(g		
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.
- 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

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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

# of preserved bottles checked for pH:  (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody?  13. Is it clear what analyses were requested?  14. Were all holding times able to be met?  (If no, notify customer for authorization.)  # of preserved bottles checked for pH:  (<2 or >12 unless noted)  Adjusted?  Yes  No  Checked by: DAD \$ /9 / 10	Client Name:	TALON ARTESIA	Work Order Num	ber: <b>190849</b> 7	and a second	RcptNo:	1
Chain of Custody   1. Is Chain of Custody   1. Is Chain of Custody   2. How was the sample dolivered?   Yes   No   Not Present	Received By:	Daniel M	8/9/2019 8:30:00 A	M			
1. Is Chain of Custody complete?  2. How was the sample delivered?  Courter  Log In  3. Was an attempt made to cool the samples?  4. Were all samples received at a temperature of >0°C to 6.0°C  Yes V No No NA		Leah Baca		AM	Int Bres		
1. Is Chain of Custody complete?  2. How was the sample delivered?  Courter  Log In  3. Was an attempt made to cool the samples?  4. Were all samples received at a temperature of >0°C to 6.0°C  Yes V No No NA	Chain of Cus	stody			-		
2. How was the sample delivered?    Log In   3. Was an attempt mude to cool the samples?   Yes   Vo   No   NA				Yes 🗸	№ П	Not Present	
Log In  3. Was an attempt made to cool the samples?  Yes V No No NA   4. Were all samples received at a temperature of >0° C to 6.0°C Yes V No No NA   5. Sample(s) in proper container(s)?  6. Sufficient sample volume for indicated test(s)?  7. Are samples (except VOA and ONG) properly preserved?  8. Was preservative added to bottles?  9. VOA visits have zero headspace?  10. Were any sample containors received broken?  11. Does paperwork match bottle labels?  (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody?  13. Is it clear what analyses were requested?  14. Were all holding times abie to be met?  (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  Date  By Whom:  Via: eMail Phone Fax In Person  Regarding:  Client Instructions:  16. Additional remarks:  17. Cooler Information  Cicioler No. Temp SC. Condition: Statiment, Seat No. Seat Date  Signed By  Signed By  No No No. No. No. No. No. No. No. No. No	2. How was the	sample delivered?					
3. Was an attempt made to cool the samples?  4. Were all samples received at a temperature of >0° C to 6.0°C  4. Were all samples received at a temperature of >0° C to 6.0°C  5. Sample(s) in proper container(s)?  6. Sufficient sample volume for indicated test(s)?  7. Are samples (except VOA and ONG) properly preserved?  8. Was preservative added to bottles?  9. VOA visits have zero headspace?  9. VOA visits have zero headspace?  10. Were any sample containers received broken?  11. Does paperwork match bottle labels?  (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody?  13. Is it clear what analyses were requested?  14. Were all holding times able to be met?  (If no, notify customer for authorization.)  5. Seeclal Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Via: eMail Phone Fax In Person  Regarding:  Client Instructions:  16. Additional remarks:  17. Cooler Information  Cooler No. Temp 95. Condition' Seaf Inface; Seal No. Seal Date  Signed By  18. Were all samples at temperature of >0° C to 6.0°C  Yes V No	l m as to-						
5. Sample(s) in proper container(s)?  Yes V No   Sufficient sample volume for indicated test(s)?  7. Are samples (except VOA and ONG) properly preserved?  8. Was preservative added to bottles?  9. VOA viails have zero headspace?  10. Were any sample containers received broken?  11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody?  13. Is it clear what analyses were requested?  14. Were all holding times able to be met? (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Regarding:  Client Instructions:  16. Additional remarks:  17. Cooler Information  Cooler No. Temp Sc. Condition Seal Intact. Seal No. Seal Date Signed By  In Cooler Information  Cooler No. Temp Sc. Condition Seal Intact. Seal Date Signed By		npt made to cool the san	nples?	Yes 🗹	No 🗆	NA 🗌	
5. Sample(s) in proper container(s)?  Yes V No   Sufficient sample volume for Indicated test(s)?  7. Are samples (except VOA and ONG) properly preserved?  8. Was preservative added to bottles?  9. VOA vials have zero headspace?  10. Were any sample containers received broken?  11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody?  13. Is it clear what analyses were requested?  14. Were all holding times able to be met? (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Via:  By Whom:  Via:  Date  By Whom:  Cooler Information	4. Were all samp	ples received at a tempe	rature of >0° C to 6.0°C	Yes 🔽	No 🗌	NA 🗔	
6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. VOA visits have zero headspace? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.)  Special Handling (if applicable) 15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Person Notified:  Date  By Whom:  Client Instructions:  16. Additional remarks:  17. Cooler Information Cdoller No. Temp *C Condition* Seal* Intact* Seal No. Seal Date* Signed By  No. No. NA. NA. NA. NA. No. No. No. No. No. No. No. No. No. No					No 🗔	na 🗀	
7. Are samples (except VOA and ONG) properly preserved?  8. Was preservative added to bottles?  9. VOA vials have zero headspace?  10. Were any sample containers received broken?  11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody?  13. Is it clear what analyses were requested?  14. Were all holding times able to be met? (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Person Notified:  By Whom:  Regarding: Client instructions:  16. Addittonal remarks:  17. Cooler Information  Cdoler No. Temp 9C Condition Seal intact. Seal No. Seal Date Signed By  1 A.3 Good Not Present	Tr Gumpio(s) in	proper container(s):		Tes 💌	NO [_]		
8. Was preservative added to bottles?  9. VOA vials have zero headspace?  10. Were any sample conteiners received broken?  11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody?  13. Is it clear what analyses were requested?  14. Were all holding times able to be met? (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Via:  Mail  Phone  Regarding:  Client Instructions:  16. Additional remarks:  17. Cooler Information  Cidoler No. Temp *C. Condition Seal Intact. Seal No. Seal Date Signed By  1 4.3 Good Not Present	6. Sufficient sam	ple volume for indicated	test(s)?	Yes 🗹	No 🗌		
9. VOA vials have zero headspace?  10. Were any sample containers received broken?  11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody?  13. Is it clear what analyses were requested?  14. Were all holding times able to be met? (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Regarding: Client Instructions:  16. Additional remarks:  17. Cooler Information	7. Are samples (	except VOA and ONG) p	properly preserved?	Yes 🗹	No 🗌		
10. Were any sample containers received broken?  Yes No   # of preserved bottles checked for pH:  (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody? Yes No Adjusted?  13. Is it clear what analyses were requested? Yes No Checked by: DAD 8/9///  (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order? Yes No	8. Was preserva	tive added to bottles?		Yes $\square$	No 🗹	NA 🗆	
# of preserved bottles checked for pH:  (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody? Yes V No Adjusted?  13. Is it clear what analyses were requested? Yes V No Checked by: DAD 8/9/1/3  14. Were all holding times abie to be met? Yes V No Checked by: DAD 8/9/1/3  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order? Yes No No 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	9. VOA vials hav	e zero headspace?		Yes 🗌	No 🗌	No VOA Vials 🗹	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)  12. Are matrices correctly identified on Chain of Custody?  13. Is it clear what analyses were requested?  14. Were all holding times able to be met? (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Regarding:  Client Instructions:  16. Additional remarks:  17. Cooler Information  Cooler No. Temp 9C Condition   Seal Intact   Seal No.   Seal Date   Signed By   Signe	10. Were any sar	mple containers received	broken?	Yes $\square$	No 🗹	# of presented	
12. Are matrices correctly identified on Chain of Custody?  13. Is it clear what analyses were requested?  14. Were all holding times able to be met? (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Regarding:  Client Instructions:  16. Additional remarks:  17. Cooler Information  Cooler Information  Cooler Information  Cooler No. Temp *C Condition* Seal intact. Seal No. Seal Date Signed By  1 4.3 Good Not Present			tu	Yes 🔽	No 🗆	bottles checked for pH:	\$12 unless noted)
13. Is it clear what analyses were requested?  14. Were all holding times able to be met? (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Via:  By Whom:  Client Instructions:  16. Additional remarks:  17. Cooler Information  Cooler No. Temp & Condition Seal Intact Seal No. Seal Date Signed By  1 4.3 Good Not Present				Yes 🗸	No 🗆		- 12 dilicas notcu)
14. Were all holding times able to be met? (If no, notify customer for authorization.)  Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  Via:  By Whom:  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			·				
Special Handling (if applicable)  15. Was client notified of all discrepancies with this order?  Person Notified:  By Whom:  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	14. Were all holdi	ng times able to be met?	•		<b></b> _	Checked by:	DAD 8/9/19
Person Notified:    Date			.,				
By Whom:  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			s with this order?	Yes	No 🗆	NA 🗹	
17. Cooler Information Cooler No. Temp °C Condition Seal Intact Seal No Seal Date Signed By 1 4.3 Good Not Present	By Who	om:		eMail P	hone Fax	☐ In Person	
Cooler No. Temp °C Condition Sea Intact Sea No Sea Date Signed By  1 4.3 Good Not Present	16. Additional re-	marks:					
A STATE OF THE PART OF THE PAR	Cooler No	Temp °C Condition 4.3 Good	Not Present	Seal Date	Signed By		

Time: 24  KRush 78 hr  Weens Boffen,  White No. 18 109  Tel. 505-345-3975 Fax 505-345-4107  Analysis Request	Preservative  Preservative  Type  PAH's (8310 or 8270 SIMS)  BTEX + MTBE + TPH (Gas only)  PAH's (8310 or 8270 SIMS)  PAH's (8310 or 8270 SIMS)  RCRA 8 Metals  ROST (Reini-VOA)  ROSTO (Semi-VOA)  ROSTO (Semi-VOA)  Anions (F,CI,NO <sub>3</sub> ,NO <sub>2</sub> ,PO <sub>4</sub> ,SO <sub>4</sub> )  ROSTO (Semi-VOA)  ROSTO (Semi-VOA)  ROSTO (Semi-VOA)  ROSTO (Semi-VOA)		500-		200-	010-	SK119 1130 Dete Needed 8112 Date Time Changed To 24 hr. rush
Turn-Around Time:  In Standard Project Name:  Devov Weem Project #:  700794, 297.0	Project Manager:  DAUD ADK! Sampler: D. AD On fee: ÆYes Sample Temperature:% Container Preservat Type and # Type	7/5				,	Received by/
Chain-of-Custody Record  TALOV/LPG  DAVUD ADKLNS  9 Address: 408 w. TEXAS AVE.  Artesia wm 88210  Artesia wm 88210	fad kins Ortalonipe · com    Level 4 (Full Validation)   Other     Matrix   Sample Request ID	S S-1, 0-1;	7-0	S-4 0-1'		1	
Chain-Of-Custody Recient: TALOV/LPE  Mailing Address: 408 w. Texas  Phone #:	Fax#; ackage: lard ation P (Type)	8/7/19 0900 5		0950	1245		Pate: Time: Reling    Pate: Time: Reling

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.



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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accredited 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.

Celeg D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



## Analytical Results For:

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

Received:

08/14/2019

08/15/2019

Reported: Project Name:

WEEMS BATTERY 700794.297.01

Project Number: Project Location:

DEVON - EDDY CO NM

Sampling Date:

Sampling Type:

Type:

Sampling Condition:

Sample Received By:

Soil Cool & Intact

08/13/2019

Tamara Oldaker

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

BTEX 8021B	mg/	'kg	Analyze	d 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	% 73.3-12	9				mg 4114 atom	a to pa	
Chloride, SM4500Ci-B	mg/	'kg	Analyze	d 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	Analyze	d 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	- The second				(1 <sup>(1)</sup> - 2 <sub>(1)</sub> - 2 <sub>(1)</sub> - 2 <sub>(1)</sub>		
Surrogate: 1-Chlorooctadecane	79.4	% 37.6-14	7						

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\*=Accredited Analyte

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Celeg & France



# Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

08/14/2019

Reported: 08/15/2019

Project Name:

WEEMS BATTERY Project Number:

Project Location:

700794.297.01

DEVON - EDDY CO NM

Sampling Date:

08/13/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d 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	94.4	% 73.3-12	9		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				SERV
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 37.6-14	17						

#### Cardinal Laboratories

\*=Accredited Analyte

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Celley & treene



# Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

08/14/2019

Reported:

08/15/2019

Project Name: Project Number: WEEMS BATTERY

Project Location:

700794.297.01 DEVON - EDDY CO NM Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Soil Cool & Intact

Tamara Oldaker

08/13/2019

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

BTEX 8021B	mg/	kg	Analyze	d 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	97.45	% 73.3-12	9	N/Haran		1 TF F condu		67/	
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 41-142	ı			7.37			
Surrogate: 1-Chlorooctadecane	83.3 9	% 37.6-14	7						

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\*=Accredited Analyte

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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

Reported:

08/15/2019

Project Name: Project Number: WEEMS BATTERY 700794,297,01

Project Location:

DEVON - EDDY CO NM

Sampling Date:

Sampling Type:

08/13/2019

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d 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	NĐ					
Surrogate: 4-Bromofluorobenzene (PIL	97.3 %	% 73.3-12	9						****
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	80.19	% 41-142	!	176			>+4		
Surrogate: 1-Chlorooctadecane	81.79	% 37.6-14	7						

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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

Reported: Project Name: 08/15/2019 WEEMS BATTERY

Project Number: Project Location:

700794.297.01

DEVON - EDDY CO NM

Sampling Date:

08/13/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg,	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2019	NĐ	1.97	98.5	2.00	6.96	
Toluene*	<0.050	0.050	08/15/2019	МD	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	% 73.3-12	9				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	P/10/2014/19/2014/19/2014/19/2016/19/2016/19/2016/19/2016/19/2016/19/2016/19/2016/19/2016/19/2016/19/2016/19/2	
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	}		nus e et successor de comunidad e esta com	ramenament variable of the control o			
Surrogate: 1-Chlorooctadecane	82.8	% 37.6-14	17						

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\*=Accredited Analyte

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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

Reported:

08/15/2019 WEEMS BATTERY

Project Name: Project Number:

700794.297.01

Project Location:

DEVON - EDDY CO NM

Sampling Date:

08/13/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 73.3-12	9			, <u>-</u>			
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	?		,,,	7			
Surrogate: 1-Chlorooctadecane	77.5	% 37.6-14	7						

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Calley & trees



## Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

08/14/2019

Reported: Project Name: 08/15/2019 WEEMS BATTERY

Project Number: Project Location:

700794.297.01 DEVON - EDDY CO NM Sampling Date:

08/13/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

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

BTEX 8021B	mg,	/kg	Analyze	d 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 !	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Resuit	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	?						VI
Surrogate: 1-Chlorooctadecane	87.0	% 37,6-14	17						

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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

Reported:

08/15/2019

Project Name: Project Number: WEEMS BATTERY 700794.297.01

Project Location:

DEVON - EDDY CO NM

Sampling Date:

Sampling Type:

vpe:

Sampling Condition:

Sample Received By:

08/13/2019

Soil

Cool & Intact

Tamara Oldaker

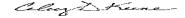
Sample ID: S- 7 14' (H902796-08)

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 9	% 73,3-12	9					F 111 / 60% - 60 / A	
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	% 37.6-14	7						

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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

Reported:

08/15/2019

Project Name: Project Number: WEEMS BATTERY 700794.297.01

Project Location:

DEVON - EDDY CO NM

Sampling Date:

08/13/2019 Soil

Sampling Type:

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg,	/kg	Analyze	ed 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	% 73.3-12	9			V-Servada.	,	7.77=70	
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/15/2019	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d 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	}			,	AVE-burn		
Surrogate: 1-Chlorooctadecane	82.6	% 37.6-14	7						

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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

Reported:

08/15/2019

Project Name: Project Number: WEEMS BATTERY 700794.297.01

Project Location:

DEVON - EDDY CO NM

Sampling Date:

08/13/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	?				100 to 2 to		
Surrogate: 1-Chlorooctadecane	85.5	% 37.6-14	7						

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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 WEEMS BATTE

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	Analyze	d 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	% 73.3-12	9						Por William I annotation for a chart.
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	?				and the second of the second o		
Surrogate: 1-Chlorooctadecane	74.8	% 37.6-14	7						

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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

08/15/2019

Reported: Project Name:

WEEMS BATTERY 700794.297.01

Project Number: Project Location:

DEVON - EDDY CO NM

Sampling Date:

08/13/2019

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	% 73.3-12	9						***************************************
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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					,		eta
Surrogate: 1-Chlorooctadecane	<i>85.3</i> 5	% 37.6-14	7						

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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

Reported:

08/15/2019

Project Name: Project Number: WEEMS BATTERY 700794.297.01

Project Location:

DEVON - EDDY CO NM

Sampling Date:

Sampling Type:

08/13/2019 Soil

Sampling Condition: Sample Received By:

Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d 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 (PIE	113 9	6 73.3-12	9		10-7		1/8 m M		7772-14
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	1	7170. V/		- mp.on.or. , ,			
Surrogate: 1-Chlorooctadecane	88.0	% 37.6-14	7						

Cardinal Laboratories

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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

Reported:

08/15/2019

Project Name: Project Number: WEEMS BATTERY 700794,297,01

Project Location:

DEVON - EDDY CO NM

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 08/13/2019 Soil

Cool & Intact

Tamara Oldaker

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

BTEX 8021B	mg,	kg	Analyze	d 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 5	% 73.3-12	9		- ATTACK				
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	The server shall	-V1V-	·	····			
Surrogate: 1-Chlorooctadecane	75.0	% 37.6-14	7						

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\*=Accredited Analyte

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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

Reported:

08/15/2019

Project Name: Project Number: WEEMS BATTERY 700794.297.01

Project Location:

DEVON - EDDY CO NM

Sampling Date:

08/13/2019

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 73.3-12	9	V-0.001	<del></del>	et Petronom	Prope		
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Błank	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 9	% 41-142	· · · · · · · · · · · · · · · · · · ·				<del> </del>	0	· · · · · · · · · · · · · · · · · · ·
Surrogate: 1-Chlorooctadecane	72.5 9	% 37,6-14	7						

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\*=Accredited Analyte

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Colog D. Keene



#### Analytical Results For:

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

Received:

08/14/2019

Reported:

08/15/2019

Project Name: Project Number: WEEMS BATTERY 700794,297,01

Project Location:

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Soil

Cool & Intact

08/13/2019

Tamara Oldaker

**DEVON - EDDY CO NM** 

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

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 9	6 73.3-12	9	1/-		N T D AND	V 1944 A		
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	71.69	% 41-142					<u></u>		W.Y
Surrogate: 1-Chlorooctadecane	70.79	6 37.6-14	7						

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\*=Accredited Analyte

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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

Reported:

08/15/2019

Project Name: Project Number: WEEMS BATTERY 700794.297.01

Project Location:

Sampling Date:

Sampling Type:

08/13/2019

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

DEVON - EDDY CO NM

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

BTEX 8021B	mg/	kg	Analyze	ed 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-Bromofluorohenzene (PIL	106 %	6 73.3-12	9		700 L	7.5% (6.	***************************************	/V/te=	
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 41-142	1 Phone 1	- 1 t A - 1			V	-a	
Surrogate: I-Chlorooctadecane	72.0 %	6 37.6-14	7						

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\*=Accredited Analyte

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#### **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.

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

QM-07

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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# CARDINAL

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Conquery matrice. Talon CPE		ANALYSIS REQUEST
Project Manager: David Adkins	P.O. #1700794: 297.01	
Address: 408 W Texas Ave/	Company: To on DE	
	11 Adk in	
746-8768	Address:	
Project デフロフタリ 297 O   Project Owner: Devon	City:	
Ţ	State: Zip:	-
Project Location: Fddy County	浄	
Sampler Name: Brandon Sinclair	Tax 排:	
FOR LAB USE ONLY WATRIX		
(C)OMP. ERS ATER	EX: X	
NTAIN UNDV I'EWA	BASE COOL R:	
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C-7 6'	0.50	
S(-7 8'	1032	
65-7 10'	1934	
75-712'	26.00	
85-7 14'	840)	
25-716	0301	
10 5-7 18'	1057	
FLEASE NOTE: Unbilly and Damagon, Cardinate liability and clients excitaive ramedly for any chain attaing whether based is contract	or ford. Shall be similed to the amount and the time fight for the	

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

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Sample Condition Cool Infact Tres Tres No No

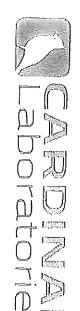
CHECKED BY:

752

Timet

Relinquished By:

Page 83 of 220



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Lavid Molkins	F.O. # 700794. 297.01
W Texas Avel	Company: Taloa / PE
State: NM Zip: 88210	Adk in
の Faxes	
9701 Project Owner: Devon	Qiy):
s Battery	Zip:
County	浄
Bampler Name: 970 ndon Sinclair	可以大学
FOR LAB USE ONLY MATRIX	SERV SAMPLING
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PLEASE NOTE: Libbilly and Cemagae. Carefuel's leastly and elemb explusive camedy for any statement and other based in contract or end, shall be limited to the amount paid by the class for the	d. Shall be limited to the amount paid by the cleat for the
conview. In no event chair Carolina in the performance of perform the water water caroline in the performance of performance o	ived by Cardinal within 30 days after completion of the applicable .  These of less of peals in neutral by eight, its substitutions, and the many of the peals of the substitutions and the substitutions are the substitutions and the substitutions are the substitutions.
	Phone Result □ Yes □ No   Add'  Phone #:

Delivered By: (Circle One)
Sampler - UPS - Sus - Other:

29.

CHECKED BY: (Initials)

Time:

Relinquished Sy:

Date: 3

Page 84 of 220



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

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Client Sample ID: B-2 5'

Project: Devon Weems Battery

Collection Date: 8/8/2019 8:45:00 AM

Lab ID:

1908721-001

Matrix: SOIL

Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: <b>TOM</b>
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 LI	ST				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 RANG	GE				Analyst: <b>JMR</b>
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.

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

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Talon LPE

Client Sample ID: B-2 6'

Project: D

Devon Weems Battery

roject: Devon weems battery

Collection Date: 8/8/2019 8:47:00 AM Received Date: 8/13/2019 9:35:00 AM

Lab ID: 1908721-002 Matrix: SOIL

Analyses	Result	RL Qua	l Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst: <b>TOM</b>
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: <b>JMR</b>
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.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 2 of 33

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Client Sample ID: B-2 7'

Project: Devon Weems Battery

Collection Date: 8/8/2019 8:49:00 AM

Lab ID:

1908721-003

Matrix: SOIL

Received Date: 8/13/2019 9:35:00 AM

Result	RL Qual	Units	DF	Date Analyzed
SANICS				Analyst: TOM
20	9.9	mg/Kg	1	8/16/2019 8:58:55 PM
ND	50	mg/Kg	1	8/16/2019 8:58:55 PM
86.8	70-130	%Rec	1	8/16/2019 8:58:55 PM
				Analyst: NSB
ND	4.9	mg/Kg	1	8/15/2019 8:01:42 PM
93.0	77.4-118	%Rec	1	8/15/2019 8:01:42 PM
				Analyst: NSB
ND	0.024	mg/Kg	1	8/15/2019 8:01:42 PM
ND	0.049	mg/Kg	1	8/15/2019 8:01:42 PM
ND	0.049	mg/Kg	1	8/15/2019 8:01:42 PM
ND	0.097	mg/Kg	1	8/15/2019 8:01:42 PM
93.2	80-120	%Rec	1	8/15/2019 8:01:42 PM
				Analyst: CAS
160	60	mg/Kg	20	8/15/2019 2:10:43 PM
	ND 86.8 ND 93.0 ND ND ND ND 93.2	20 9.9 ND 50 86.8 70-130  ND 4.9 93.0 77.4-118  ND 0.024 ND 0.049 ND 0.049 ND 0.097 93.2 80-120	20 9.9 mg/Kg ND 50 mg/Kg 86.8 70-130 %Rec  ND 4.9 mg/Kg 93.0 77.4-118 %Rec  ND 0.024 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.097 mg/Kg 93.2 80-120 %Rec	20 9.9 mg/Kg 1 ND 50 mg/Kg 1 86.8 70-130 %Rec 1  ND 4.9 mg/Kg 1 93.0 77.4-118 %Rec 1  ND 0.024 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.097 mg/Kg 1 93.2 80-120 %Rec 1

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

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

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

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Client Sample ID: B-2 8'

Project: De

Devon Weems Battery

Collection Date: 8/8/2019 8:51:00 AM

Lab ID:

1908721-004

Matrix: SOIL

Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL Qua	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>TOM</b>
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: <b>NSB</b>
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.

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

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE Client Sample ID: B-3 0-1'

Project: Devon Weems Battery

Lab ID: 1908721-005

Matrix: SOIL

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 ORG	ANICS					Analyst: <b>TOM</b>
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
Chioride	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.

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

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Client Sample ID: B-3 2'

Project:

Devon Weems Battery

**Collection Date:** 8/8/2019 9:17:00 AM

Lab ID:

1908721-006

Matrix: SOIL

Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: <b>TOM</b>
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.

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

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

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Client Sample ID: B-3 3'

Project: De

Devon Weems Battery

Collection Date: 8/8/2019 9:19:00 AM Received Date: 8/13/2019 9:35:00 AM

Lab ID: 1908721-007

Matrix: SOIL

Analyses	Result	RL Qu	al Units	ÐF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>TOM</b>
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: <b>NSB</b>
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.

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

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Client Sample ID: B-3 4'

Project:

Devon Weems Battery

Collection Date: 8/8/2019 9:21:00 AM Received Date: 8/13/2019 9:35:00 AM

Lab ID: 1908721-008

Matrix: SOIL

Analyses	Result	RL Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>TOM</b>
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: <b>NSB</b>
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

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Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Talon LPE

Client Sample ID: B-3 5'

Project:

Devon Weems Battery

Collection Date: 8/8/2019 9:30:00 AM

Lab ID:

1908721-009

Matrix: SOIL

Received Date: 8/13/2019 9:35:00 AM

Result	RL (	Qual	Units	DF	Date Analyzed
ANICS					Analyst: <b>TOM</b>
1700	95		mg/Kg	10	8/16/2019 11:51:32 PM
800	470		mg/Kg	10	8/16/2019 11:51:32 PM
0	70-130	S	%Rec	10	8/16/2019 11:51:32 PM
					Analyst: NSB
12	4.7		mg/Kg	1	8/16/2019 1:08:31 AM
173	77.4-118	s	%Rec	1	8/16/2019 1:08:31 AM
					Analyst: <b>NSB</b>
ND	0.024		mg/Kg	1	8/16/2019 1:08:31 AM
0.11	0.047		mg/Kg	1	8/16/2019 1:08:31 AM
0.14	0.047		mg/Kg	1	8/16/2019 1:08:31 AM
0.79	0.095		mg/Kg	1	8/16/2019 1:08:31 AM
104	80-120		%Rec	1	8/16/2019 1:08:31 AM
					Analyst: CAS
3500	150		mg/Kg	50	8/16/2019 4:22:59 PM
	1700 800 0 12 173 ND 0.11 0.14 0.79 104	MD 0.024 0.11 0.047 0.14 0.047 0.79 0.095 104 80-120	1700 95 800 470 0 70-130 S  12 4.7 173 77.4-118 S  ND 0.024 0.11 0.047 0.14 0.047 0.79 0.095 104 80-120	ANICS  1700 95 mg/Kg 800 470 mg/Kg 0 70-130 S %Rec  12 4.7 mg/Kg 173 77.4-118 S %Rec  ND 0.024 mg/Kg 0.11 0.047 mg/Kg 0.14 0.047 mg/Kg 0.79 0.095 mg/Kg 104 80-120 %Rec	ANICS  1700 95 mg/Kg 10 800 470 mg/Kg 10 0 70-130 S %Rec 10  12 4.7 mg/Kg 1 173 77.4-118 S %Rec 1  ND 0.024 mg/Kg 1 0.11 0.047 mg/Kg 1 0.14 0.047 mg/Kg 1 0.79 0.095 mg/Kg 1 104 80-120 %Rec 1

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

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

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Project: Lab ID:

1908721-010

Devon Weems Battery

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 Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Analyst: <b>TOM</b>
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: <b>NSB</b>
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: <b>NSB</b>
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.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Client Sample ID: B-3 71

Project:

Devon Weems Battery

Collection Date: 8/8/2019 9:34:00 AM

Lab ID:

1908721-011

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 ORG	ANICS				Analyst: <b>TOM</b>
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.

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

# Qualifiers: D Sample Diluted Due to Matrix Н ND

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Talon LPE

Devon Weems Battery

1908721-012

Project:

Lab ID:

**Analytical Report** Lab Order 1908721

Date Reported: 8/20/2019

Client Sample ID: B-3 8'

Collection Date: 8/8/2019 9:36:00 AM Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: <b>TOM</b>
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 RANG	E				Analyst: <b>NSB</b>
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: <b>NSB</b>
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
Chloride	ND	60	mg/Kg	20	8/15/2019 4

Matrix: SOIL

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

Value exceeds Maximum Contaminant Level.

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit PQL

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 12 of 33

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Project: Devon Weems Battery

Lab ID: 1908721-013

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 OR	GANICS					Analyst: <b>TOM</b>
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

Matrix: SOIL

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

#### Qualifiers:

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

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Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE Client Sample ID: B-1 0'-1'

 Project:
 Devon Weems Battery
 Collection Date: 8/8/2019 8:05:00 AM

 Lab ID:
 1908721-014
 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 ORG	ANICS					Analyst: <b>JME</b>
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: <b>NSB</b>
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: <b>NSB</b>
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.
- Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
  PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Client Sample ID: B-1 2'

Project:

Devon Weems Battery

Collection Date: 8/8/2019 8:07:00 AM

Lab ID:

1908721-015

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 OR	GANICS				Analyst: <b>JME</b>
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.
- Sample Diluted Due to Matrix
- 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

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Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Devon Weems Battery Project:

1908721-016 Lab ID:

Client Sample ID: B-1 31

Collection Date: 8/8/2019 8:09:00 AM

Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL Qua	l Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				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: <b>NSB</b>
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

Matrix: SOIL

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

#### Qualifiers:

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

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

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Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Talon LPE

Client Sample ID: B-1 4'

Project:

Devon Weems Battery

Collection Date: 8/8/2019 8:11:00 AM

Lab ID:

1908721-017

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 ORG	GANICS		***************************************		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: <b>NSB</b>
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.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Client Sample ID: B-1 5'

Project:

Devon Weems Battery

Collection Date: 8/8/2019 8:13:00 AM

Lab ID:

1908721-018

Matrix: SOIL

Received Date: 8/13/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	ÐF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: <b>BRM</b>
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: <b>NSB</b>
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 Quantitative Limit
- % Recovery outside of range due to dilution or matrix

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

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Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Project: Lab ID:

1908721-019

Devon Weems Battery

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 Qua	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: <b>BRM</b>
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: <b>NSB</b>
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.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded н
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

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

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Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Devon Weems Battery

Project: 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

9.9 0 50 7 70-130	mg/Kg %Rec		Analyst: <b>BRM</b> 8/16/2019 7:26:19 PM 8/16/2019 7:26:19 PM 8/16/2019 7:26:19 PM Analyst: <b>NSB</b>
) 50 7 70-130	mg/Kg %Rec		8/16/2019 7:26:19 PM 8/16/2019 7:26:19 PM
7 70-130	%Rec	1	8/16/2019 7:26:19 PM
		1	
			Analyst: <b>NSB</b>
1 45			
4.7	' mg/Kg	1	8/15/2019 10:45:51 PM
77.4-118	%Rec	1	8/15/2019 10:45:51 PM
			Analyst: NSB
0.023	mg/Kg	1	8/15/2019 10:45:51 PM
0.047	' mg/Kg	1	8/15/2019 10:45:51 PM
0.047	' mg/Kg	1	8/15/2019 10:45:51 PM
0.094	mg/Kg	1	8/15/2019 10:45:51 PM
80-120	%Rec	1	8/15/2019 10:45:51 PM
			Analyst: CAS
? 60	) mg/Kg	20	8/15/2019 9:12:34 PM
7	7 77.4-118 0 0.023 0 0.047 0 0.047 0 0.094 8 80-120	7 77.4-118 %Rec 0 0.023 mg/Kg 0 0.047 mg/Kg 0 0.047 mg/Kg 0 0.047 mg/Kg 0 0.094 mg/Kg	7 77.4-118 %Rec 1  0 0.023 mg/Kg 1  0 0.047 mg/Kg 1  0 0.047 mg/Kg 1  0 0.094 mg/Kg 1  8 80-120 %Rec 1

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

#### Qualifiers:

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

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Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Client Sample ID: B-1 8'

Project: Dev

Devon Weems Battery

**Collection Date:** 8/8/2019 8:25:00 AM

Lab ID:

1908721-021

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 ORG	ANICS				Analyst: <b>BRM</b>
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.
- Sample Diluted Due to Matrix
- 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

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Lab Order 1908721

Date Reported: 8/20/2019

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Devon Weems Battery

Project: Lab ID:

Xylenes, Total

Chloride

Surr: 4-Bromofluorobenzene

**EPA METHOD 300.0: ANIONS** 

1908721-022

Matrix: SOIL

Client Sample ID: B-2 0'-1'

mg/Kg

%Rec

mg/Kg

5

5

200

8/15/2019 11:32:04 PM

8/15/2019 11:32:04 PM

8/16/2019 5:37:27 PM

Analyst: CAS

Collection Date: 8/8/2019 8:30:00 AM Received Date: 8/13/2019 9:35:00 AM

RL Qual Units DF Date Analyzed Analyses Result Analyst: BRM EPA METHOD 8015M/D: DIESEL RANGE ORGANICS 97 10 8/16/2019 8:11:07 PM 5100 mg/Kg Diesel Range Organics (DRO) 8/16/2019 8:11:07 PM 2600 490 mg/Kg 10 Motor Oil Range Organics (MRO) 8/16/2019 8:11:07 PM 70-130 S %Rec 10 0 Surr: DNOP Analyst: NSB **EPA METHOD 8015D: GASOLINE RANGE** 26 24 mg/Kg 5 8/15/2019 11:32:04 PM Gasoline Range Organics (GRO) 8/15/2019 11:32:04 PM S 5 Surr: BFB 143 77.4-118 %Rec Analyst: NSB **EPA METHOD 8021B: VOLATILES** 8/15/2019 11:32:04 PM ND 0.12 mg/Kg 5 Toluene ND 0.24 mg/Kg 5 8/15/2019 11:32:04 PM ND 0.24 mg/Kg 5 8/15/2019 11:32:04 PM Ethylbenzene

1.2

102

19000

0.49

610

80-120

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

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

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

Lab Order 1908721

Date Reported: 8/20/2019

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon LPE

Project: Lab ID:

1908721-023

Devon Weems Battery

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 ORG	GANICS				Analyst: <b>JME</b>
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: <b>NSB</b>
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.

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

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

Analytical Report

Lab Order 1908721

Date Reported: 8/20/2019

# 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	$\mathbf{RL}$	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst: <b>JME</b>
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.
- 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

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# Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client:

Talon LPE

Project

Devon Weems Battery

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: Ics	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: Ics	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			

Client ID: PBS	Batch	ID: 468	148	R	RunNo: 6	2203				
Prep Date: 8/16/2019	Analysis D	ate: 8/1	16/2019	S	SeqNo: 2	113198	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	4.5								

Sample ID: LCS-46848	SampTyp	ampType: Ics TestCode: EPA Method 3						5		
Client ID: LCSS	Batch II	D: <b>46</b> 8	348	R	unNo: 6	2203				
Prep Date: 8/16/2019	Analysis Dat	e: 8/1	16/2019	S	eqNo: 2	113199	Units: mg/K	g		
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
- If Holding times for preparation or analysis exceeded
- D 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
- Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client:

Talon LPE

Project: Devon V	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	77.7 70 130
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		SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	48 10 50.00	0 96.0 63.9 124 66.5 70 130 S
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		SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 10	
Motor Oil Range Organics (MRO) Surr: DNOP	NĐ 50 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: <b>62213</b>
Prep Date: 8/16/2019	Analysis Date: 8/17/2019	SeqNo: 2112565 Units: %Rec
,	- -	

# Qualifiers:

Analyte

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

Result

PQL

Analyte detected in the associated Method Blank

HighLimit

%RPD

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

SPK value SPK Ref Val %REC LowLimit

Reporting Limit

Page 26 of 33

Qual

**RPDLimit** 

# Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client:

Talon LPE

Project: Devon V	re Weems Battery								
Sample ID: MB-46852	SampType: N	IBLK	Tes	tCode: EP	'A Method	8015M/D: Die	sel Rang	e Organics	
Client ID: PBS	Batch ID: 4	6852	F	RunNo: 62	213				
Prep Date: 8/16/2019	Analysis Date:	3/17/2019	S	SeqNo: 21	12565	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: L	cs	Tes	tCode: EP	'A Method	8015M/D: Die	sel Rang	e Organics	
Client ID: LCSS	Batch ID: 4	6851	F	lunNo: 62	213				
Prep Date: 8/16/2019	Analysis Date:	3/17/2019	S	SeqNo: <b>21</b>	12567	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47 1	50.00	0	94.9	63.9	124			
Surr: DNOP	3.9	5.000		77.7	70	130			
Sample ID: LCS-46852	SampType: <b>L</b>	cs	Tes	tCode: EP	A Method	8015M/D: Die	sel Rang	e Organics	
Client ID: LCSS	Batch ID: 4	6852	F	RunNo: 62	213				
Prep Date: 8/16/2019	Analysis Date:	3/17/2019	S	SeqNo: 21	12568	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: <b>N</b>	IBLK	Tes	tCode: EP	A Method	8015M/D: Die	sel Rang	e Organics	
Client ID: PBS	Batch ID: 4	6808	F	RunNo: 62	2181				
Prep Date: 8/15/2019	Analysis Date:	8/16/2019	8	BeqNo: 21	12728	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND 1	)							
Motor Oil Range Organics (MRO)	ND 5	)							
Surr: DNOP	7.8	10.00		77.6	70	130			
Sample ID: LCS-46808	SampType: L	cs	Tes	tCode: EF	A Method	8015M/D: Die	sel Rang	e Organics	
Client ID: LCSS	Batch ID: 4	6808	F	RunNo: 62	217				
Prep Date: 8/15/2019	Analysis Date:	8/18/2019	8	SeqNo: 21	13034	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50 1	50.00	0	101	63.9	124			

### Qualifiers:

Surr: DNOP

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

4.8

5.000

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

B Analyte detected in the associated Method Blank

96.8

70

130

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

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# Hall Environmental Analysis Laboratory, Inc.

WO#:

1908721

20-Aug-19

Client:	
Project	•

Talon LPE

Project: Devon	Weems Battery							
Sample ID: 1908721-003AM	SD SampType:	MSD	Tes	tCode: EPA Me	ethod 8015D: Gaso	line Rang	е	
Client ID: B-2 7'	Batch ID:	46796	F	RunNo: <b>62164</b>				
Prep Date: 8/14/2019	Analysis Date:	8/15/2019	S	SeqNo: <b>211072</b>	3 Units: mg/K	g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: 8FB	30 4 1000	4.8 24.13 965.3	0	126 109	69.1 142 77.4 118	5.26 0	20 0	
Sample ID: MB-46796	SampType:	MBLK	Tes	tCode: EPA Me	ethod 8015D: Gasc	line Rang	e	
Client ID: PBS	Batch ID:	46796	F	RunNo: <b>62164</b>				
Prep Date: 8/14/2019	Analysis Date:	8/15/2019	S	GeqNo: <b>211075</b>	2 Units: mg/K	.g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 5 1000	5.0 1000		104	77.4 118			
Sample ID: LCS-46796	SampType:	LCS	Test	tCode: EPA Me	ethod 8015D: Gaso	line Rang	е	
Client ID: LCSS	Batch ID:	46796	R	RunNo: 62164				
Prep Date: 8/14/2019	Analysis Date:	8/15/2019	S	SeqNo: <b>211075</b>	4 Units: mg/K	g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	23 8 1100	5.0 25.00 1000	0	90.6 105	80 120 77.4 118			
Sample ID: 1908721-003AM	SampType:	MS	Test	tCode: EPA Me	ethod 8015D: Gaso	line Rang	e	
Client ID: B-2 7'	Batch ID:	46796	R	RunNo: <b>62164</b>				
Prep Date: 8/14/2019	Analysis Date:	8/15/2019	S	SeqNo: <b>211075</b>	6 Units: mg/K	g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	32 4 1100	1.9 24.41 976.6	0		69.1 142 77.4 118	,		
Sample ID: MB-46816	SampType:	MBIK	Tool		ethod 8015D: Gaso	lino Por-		
Client ID: PBS	Batch ID:			RunNo: 62170	anou oviab, Gasu	mie Kang	t	
Prep Date: 8/15/2019	Analysis Date:			SeqNo: 211238	5 Units: mg/K	g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND ( 940	5.0 1000		94.1	77.4 118			
Sample ID: LCS-46816	SampType:	LCS	Test	Code: EPA Me	thod 8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch ID:	46816	R	tunNo: 62170				
Prep Date: 8/15/2019	Analysis Date:	8/16/2019	S	seqNo: 211238	6 Units: mg/K	g		
Analyte	Result PC	L SPK value	SPK Ref Val	%REC Low	Limit HighLimit	%RPD	RPDLimit	Qual

### Qualifiers:

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

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

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# Hall Environmental Analysis Laboratory, Inc.

WO#: 1908721

20-Aug-19

Client:

Talon LPE

Project:

Devon Weems Battery

Sample ID: LCS-46816	SampT	ype: LC	S	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 46816 RunNo: 62170					2170					
Prep Date: 8/15/2019	Analysis E	ate: 8/	16/2019	S	SeqNo: 2	112386	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.
- Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

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

# Hall Environmental Analysis Laboratory, Inc.

WO#:

1908721

20-Aug-19

Client:

Talon LPE

Project:

Devon Weems Battery

Sample ID: MB-46796	Samp1	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batc	h ID: 46	ID: 46796 RunNo: 62164							
Prep Date: 8/14/2019	Analysis E	Date: 8/	15/2019	8	SeqNo: 2	110793	Units: mg/k	g		
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	Samp	Гуре: <b>LC</b>	S	Tes	tCode: El	ode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batc	h ID: <b>46</b> :	796	F	RunNo: 6							
Prep Date: 8/14/2019	Analysis [	Date: 8/	15/2019	8	SeqNo: 2	110794	Units: mg/K	(g				
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-Bromofluorohenzene	0.96		1 000		96.1	80	120					

Sample ID: 1908721-004AMS	SampT	SampType: MS TestCode: EPA Method 8						iles		
Client ID: B-2 8'	Batch	ID: 467	796	F	RunNo: 6	2164				
Prep Date: 8/14/2019	Analysis D	ate: 8/	15/2019	S	SeqNo: 2	110797	Units: mg/K	(g		
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: 1908721-004AMSE	SampT	ype: MS	SD.	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: B-2 8'	Batch	ID: 467	796	F	RunNo: 6	2164				
Prep Date: 8/14/2019	Analysis D	ate: 8/	15/2019	8	SeqNo: 2	110798	Units: mg/K	(g		
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.
- Sample Diluted Due to Matrix

- Not Detected at the Reporting Limit
  Practical Quantitative Limit
  Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

WO#:

1908721

20-Aug-19

Client:

Talon LPE

Project:

Devon Weems Battery

Sample ID: MB-46816	Samp	Гуре: МЕ	3LK	TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batc	h ID: 46	816	F	RunNo: 6	2170				
Prep Date: 8/15/2019	Analysis [	Date: 8/	16/2019	5	SeqNo: 2	112429	Units: mg/K	g		
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	Samp	Гуре: LC	s	Tes	tCode: E	PA Method	8021B; Volat	iles		
Client iD: LCSS	Batc	h ID: 46	816	F	RunNo: 6	2170				
Prep Date: 8/15/2019	Analysis E	Date: 8/	16/2019	S	SeqNo: 2	112430	Units: mg/K	g		
1										

Frep Date. 6/15/2019	Analysis L	ate. or	10/2019		eqino. Z	112430	Onas. nig/n	y		
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-Bromoffuorobenzene	0.95		1.000		94.7	80	120			

Sample ID: 1908721-023AMS	SampT	ype: MS	3	Tes	(Code: El	PA Method	8021B: Volat	iles		
Client ID: B-2 3'	Batch	i ID: 46	816	F	RunNo: 6	2170				
Prep Date: 8/15/2019	Analysis D	ate: 8/	16/2019	S	SeqNo: 2	112432	Units: mg/K	(g		
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: 1908721-023AM	SD SampT	ype: MS	D	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: B-2 3'	Batch	ID: 468	316	F	RunNo: 6	2170				
Prep Date: 8/15/2019	Analysis D	ate: 8/	16/2019	S	SeqNo: 2	112433	Units: mg/K	(g		
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.
- 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

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# Received by OCD: 4/14/2020 8:06:10 AM

# QC SUMMARY REPORT

# Hall Environmental Analysis Laboratory, Inc.

0.50

0.51

0.5000

0.5000

WO#:

1908721 20-Aug-19

Client:

Talon LPE

Project:

Devon Weems Battery

Sample ID: Ics-46788	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8260B: Volat	iles Short	List	
Client ID: LCSS	Batcl	h ID: 46	788	F	RunNo: 6	2184				
Prep Date: 8/14/2019	Analysis E	)ate: <b>8/</b>	15/2019	S	SeqNo: 2	111236	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	0,88	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			
Surr: Toluene-d8 Sample ID: mb-46788	·	уре: МЕ		Tes			130 8260B: Volat	iles Short	List	
	Samp1	ype: <b>ME</b>	BLK			PA Method		iles Short	List	
Sample ID: mb-46788	Samp1	h ID: 46	3LK 788	F	tCode: El	PA Method 2184			List	
Sample ID: mb-46788 Client ID: PBS	Samp1 Batc	h ID: 46	3LK 788 15/2019	F	tCode: El	PA Method 2184	8260B: Volat		List RPDLimit	Qual
Sample ID: mb-46788 Client ID: PBS Prep Date: 8/14/2019 Analyte	Sampī Batci Analysis E	h ID: 46' Date: 8/	3LK 788 15/2019	F	tCode: El tunNo: 6: SeqNo: 2:	PA Method 2184 111237	8260B; Volat	(g		Qual
Sample ID: mb-46788 Client ID: PBS Prep Date: 8/14/2019 Analyte Benzene	Sampī Batci Analysis [ Result	h ID: <b>46</b> Date: <b>8</b> /	3LK 788 15/2019	F	tCode: El tunNo: 6: SeqNo: 2:	PA Method 2184 111237	8260B; Volat	(g		Qual
Sample ID: mb-46788 Client ID: PBS Prep Date: 8/14/2019 Analyte Benzene Toluene	Sampl Batcl Analysis D Result ND	h ID: 46' Date: 8/ PQL 0.025	3LK 788 15/2019	F	tCode: El tunNo: 6: SeqNo: 2:	PA Method 2184 111237	8260B; Volat	(g		Qual
Sample ID: mb-46788 Client ID: PBS Prep Date: 8/14/2019 Analyte Benzene Toluene Ethylbenzene	Sampl Batcl Analysis E Result ND ND	PQL 0.025 0.050	3LK 788 15/2019	F	tCode: El tunNo: 6: SeqNo: 2:	PA Method 2184 111237	8260B; Volat	(g		Qual
Sample ID: mb-46788 Client ID: PBS Prep Date: 8/14/2019	Samp1 Batci Analysis E Result ND ND ND	PQL 0.025 0.050	3LK 788 15/2019	F	tCode: El tunNo: 6: SeqNo: 2:	PA Method 2184 111237	8260B; Volat	(g		Qual

### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix

Surr: Dibromofluoromethane

Surr: Toluene-d8

- Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

99.7

102

70

70

130

130

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

# Hall Environmental Analysis Laboratory, Inc.

470

WO#: 1908721

20-Aug-19

Client:

Talon LPE

Project:

Surr: BFB

Devon Weems Battery

Sample ID: Ics-46788	SampT	ype: LC	S	Test	Code: EF	A Method	8015D Mod:	Gasoline	Range	
Client ID: LCSS	Batch	h ID: 46	788	R	unNo: 62	2184				
Prep Date: 8/14/2019	Analysis D	Date: 8/	15/2019	S	eqNo: 2	111350	Units: mg/K	(g		
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	SampT	туре: <b>М</b> Е	BLK	Tes	Code: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID: PBS	Batcl	h ID: 46	788	F	unNo: 6	2184				
Prep Date: 8/14/2019	Analysis E	Date: 8/	15/2019	S	eqNo: 2	111351	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								

500.0

94.8

70

130

### Qualifiers:

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

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



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuguerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Sample Log-In Check List

Website: www.hallenvironmental.com Client Name: **TALON ARTESIA** Work Order Number: 1908721 RoptNo: 1 UNG Lad Bren Received By: Erin Melendrez 8/13/2019 9:35:00 AM Completed By: Leah Baca 8/13/2019 1:28:11 PM 84349 Reviewed By: Chain of Custody No 🔲 . 1. Is Chain of Custody complete? Yes 🛂 Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? No 🗆 NA 🔲 Yes 🗹 4. Were all samples received at a temperature of >0° C to 6.0°C No 🗌 NA 🗌 Yes 🔽 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? No 🗆 Yes 🔽 No 🗸 8. Was preservative added to bottles? NA 🗆 Yes 9. VOA vials have zero headspace? Yes No 🗌 No VOA Vials Yes  $\square$ 10, Were any sample containers received broken? No 🔽 # of preserved bottles checked 11. Does paperwork match bottle labels? No 🗔 for pH: Yes 🔽 (Note discrepancies on chain of custody) or >12 unless noted) Adjusted? 12. Are matrices correctly identified on Chain of Custody? No 🗌 Yes 🔽 Yes 🗹 No 🗌 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? Yes 🗹 No 🗌 (if no, notify customer for authorization.) Special Handling (if applicable) 15, Was client notified of all discrepancies with this order? Yes 🗌 № П NA 🗹 Date 8/3/17 Person Notified: MICHALI By Whom: Via: ☐ eMail 🗍 Phone 🔲 Fax 🔃 In Person Regarding: sample clate 01 culection discrepancy Client Instructions: All samply WUL Additional remarks: 17. Cooler Information Temp °C Condition Seal Intact Seal No Seal Date

3.2

Good

Yes

AMALYSIS LABORATORY Www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Regulast	FDB (Method 418.1)  FDB (Method 504.1)  RCRA 8 Metals  Anions (F,Cl,NO <sub>3</sub> ,NO <sub>2</sub> ,PO <sub>4</sub> ,SO <sub>4</sub> )  Anions (F,Cl,NO <sub>3</sub> ,NO <sub>2</sub> ,PO <sub>4</sub> ,SO <sub>4</sub> )  8260B (VOA)  8260B (VOA)  8270 (Semi-VOA)  761a CL/OcideS	ted data will be clearly notated on the analytical report.
	8TEX + MTBE + TMB's (8021) BTEX + MTBE + TPH (Gas only) TPH 8015B (GRO / DRO / MRO)	Remarks:  PG. 20F 2  oversibility. Any sub-contract
Turn-Around Time: Schar Turn  Standard DRush  Project Name:  Devor Weens Bottery  Project #:	Project Manager:  David Adkin S Sampler: Michael Collier On Ice: Apres Collier Sample Temperature: 3.7-0.5/cr)=3.2c Container Preservative HEAL No.	
9		HOZ j HOZ j Received by Received by
Chain-of-Custody Record  Talon LPE  Ig Address: 408 W Texas Av  Artes: 408 W Texas Av  Artes: 408 W Texas Av  Artes: 408 W Texas Av	:	0845         501         8-2         5         402         9
Chain-Chain-Client: Talon  Mailing Address:  Artes: Phone #: 575	email or Fax#:  QA/QC Package:  IR Standard  Accreditation  II NELAP  II EDD (Type)  Date  Time	## 0847    L

Justody Record Turn-Around Time: K. C. C. T.	X Standard Rush	Project Name:	WWW.halls	Project 样: Apudut Tel 505-345 3075 ETM	100.684, 287.00	Project Manager:	) Ino (hse	☐ Level 4 (Full Validation) D, Aprins	Sampler Michiel Couler Sample Couler	On loe: 1 Yes O No	Sample Temperature: 3 TO From H H H H H H H H H H H H H H H H H H H	Time   Matrix Sample Request ID Container Preservative Type and # Type	8:004. Soil S. 9 0.1.1.	The second secon	8.05	8:07 8-1 3!	8:09 3.	13-11	8:13 B-1 5'	The state of the s	1 2 1 2	8-1-8,	B-2 (	5-2 3-	) - (C	Medical Date Date Date Date Date Date Date Date	Relinfushed by:  Received by:  (COURTICA Date Time Still Courtica Date Date Date Date Date Date Date Dat	If necessary, samples and fall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any subcontracted to other accredited laboratories. This serves as notice of this possibility.
Chain-of	Client: TALON   LPE		Mailing Address: 406	ARTESIA NA	Phone #:	email or Fax#;	. QA/QC Package:	X Standard	Acoreditation	Ì	☐ EDD (Type)			;	8.05	78.01	8:00	11:8	8; 13	8.13		8:25	8:30	8.35	8.40 Fine:	1/2	Тіте: (9 &	If necessary, samples



# **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

Jessian Vramer

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	<b>Date Collected</b>	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.



### 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 Dat	e	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

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Factor
Benzenc	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	i
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	i
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 Dat	e	Flag
1,4-Difluorobenzene		100		70 - 130	%			
4-Bromofluorobenzene		97		70 - 130	%			



# 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 Dat	te	Flag
1-Chlorooctane		118		70 - 135	%			
o-Terphenyl		124		70 - 135	%			

Analytical Method: BTEX by EPA 8021

Prep Method:

Analyst:

MAB

% Moist:

Tech:

5030B MAB

Seq Number: 3110703

Date Prep: 12.16.2019 15:26

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 Dat	e	Flag
1,4-Diffuorobenzene		101		70 - 130	%			
4-Bromofluorobenzene		98		70 - 130	%			



# 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 Dat	e	Flag
1-Chlorooctane		117		70 - 135	%			
o-Terphenyi		121		70 - 135	%			

Analytical Method: BTEX by EPA 8021

Prep Method:

5030B

Analyst:

MAB

% Moist:

Tech:

MAB

Seg Number: 3110703

Date Prep: 12.16.2019 15:26

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 Dat	c	Flag
1,4-Difluorobenzene		101		70 - 130	%			
4-Bromofluorobenzene		105		70 - 130	%			



# 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	JХ	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 Dat	e	Flag
1-Chlorooctane		125		70 - 135	%			
o-Terphenyl		133		70 - 135	%			

Analytical Method: BTEX by EPA 8021

Prep Method:

Analyst:

MAB

% Moist:

Tech:

5030B MAB

Seq Number: 3110703

Date Prep: 12.16.2019 15:26

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	I
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 Dat	e	Flag
1,4-Difluorobenzene		101		70 - 130	%			
4-Bromofluorobenzene		105		70 - 130	%			



# 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	Dil Factor Flag
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:

Analyst:

MAB

% Moist:

Tech:

5030B MAB

Seq Number: 3110703

Date Prep: 12.16.2019 15:26

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	υ	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 Dat	e	Flag
1,4-Difluorobenzene		100		70 - 130	%			
4-Bromofluorobenzene		100		70 - 130	%			



# 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

Date Prep: 12.16.2019 17:27

Seq Number: 3110711

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 Dat	e	Flag
1-Chlorocctane		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

Parameter	CAS Number	Result	MQI.	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	υ	1
o-Xylene	95-47-6	< 0.000401	0.00199	0.000401	mg/kg	12.16.2019 21:04	υ	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	9	Flag
1,4-Diffuorobenzene		102		70 - 130	%			
4-Bromofluorobenzene		106		70 - 130	%			



# 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	3	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

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	e	Flag
1,4-Difluorobenzene		98		70 - 130	%			
4-Bromofluorobenzene		98		70 - 130	%			



# Talon LPE-Artesia, Artesia, NM

Devon Weems Battery

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

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

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	2	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

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 Dat	te	Flag
1,4-Difluorobenzene		102		70 - 130	%			
4-Bromofluorobenzene		105		70 - 130	%			



# 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

Date Prep: 12.16.2019 17:27

Seq Number: 3110711

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	บ	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 Dat	e	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

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 Dat	e	Flag
1,4-Difluorobenzene		103		70 - 130	%			
4-Bromofluorobenzene		105		70 - 130	%			



# 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

Date Prep: 12.16.2019 17:27

Seq Number: 3110711

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	nig/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 Dat	e	Flag
1-Chiorooctane		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

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



# 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

Date Prep: 12.16.2019 17:27

Seq Number: 3110711

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 Dat	e	Flag
1-Chlorocetane		123		70 - 135	%			
o-Terphenyl		132		70 - 135	%			

Analytical Method: BTEX by EPA 8021

Prep Method:

Analyst:

MAB

% Moist:

Tech:

5030B MAB

Seq Number: 3110703

Date Prep: 12.16.2019 15:26

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 Dat	e	Flag
1,4-Diffuorobenzene		101		70 - 130	%			
4-Bromofluorobenzene		99		70 - 130	%			



# 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

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Date Received: 12.16.2019 15:00

Analyst:

MAB

% Moist:

Tech:

MAB

Date Prep: 12.16.2019 17:27

Seq Number: 3110711

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 Dat	e	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

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	3	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	%			



### 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

Date Prep: 12.16.2019 17:27

Seq Number: 3110711

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	1	
Surrogate		% Recovery		Limits	Units	Analysis Dat	e	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

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	Ű	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 Dat	e	Flag
1,4-Difluorobenzene		99		70 - 130	%			
4-Bromofluorobenzene		100		70 - 130	%			



# 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	Į	
Surrogate		% Recovery		Limits	Units	Analysis Dat	e	Flag
1-Chlorooctane		121		70 - 135	%			
o-Terphenyl		127		70 - 135	%			

Analytical Method: BTEX by EPA 8021

5030B Prep Method:

Analyst:

MAB

% Moist:

Tech:

MAB

Seq Number: 3110703

Date Prep: 12.16.2019 15:26

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 Dat	e	Flag
1,4-Difluorobenzene		103		70 - 130	%			
4-Bromofluorobenzene		107		70 - 130	%			



# 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 Dat	e	Flag
1-Chlorooctane		123		70 - 135	%			
o-Terphenyl		126		70 - 135	%			

Analytical Method: BTEX by EPA 8021

Prep Method:

Tech:

5030B

Analyst:

MAB

% Moist:

Date Prep: 12.16.2019 15:26

MAB

Seq Number: 3110703

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	Į
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	ł
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	υ	
Surrogate		% Recovery		Limits	Units	Analysis Dat	e	Flag
1,4-Difluorobenzene		99		70 - 130	%			
4-Bromofluorobenzene		103		70 - 130	%			



# 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:

MAB

Tech:

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	e	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

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 Dat	e	Flag
1,4-Difluorobenzene		103		70 - 130	%			
4-Bromofluorobenzene		108		70 - 130	%			



# 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 Dat	e	Flag
1-Chlorooctane		122		70 - 135	%			
o-Terphenyl		126		70 - 135	%			

Analytical Method: BTEX by EPA 8021

Prep Method:

Tech:

Analyst:

MAB

% Moist:

5030B

MAB

Seq Number: 3110703

Date Prep: 12.16.2019 15:26

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	Ų	1
Xylenes, Total	1330-20-7	< 0.000403		0.000403	mg/kg	12.17.2019 01:07	υ	
Total BTEX		0.000600		0.000403	mg/kg	12.17.2019 01:07	J	
Surrogate		% Recovery		Limits	Units	Analysis Dat	e	Flag
1,4-Difluorobenzene		102		70 - 130	%			
4-Bromofluorobenzene		104		70 - 130	%			



# 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

Analyst:

DTH

% Moist:

Prep Method: Tech:

8015 DTH

Seq Number: 3110724

Date Prep: 12.16.2019 12:40

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Facto
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 Dat	te	Flag
1-Chlorooctane		119		70 - 135	%			
o-Terphenyl		125		70 - 135	%			



# 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 Dat	e	Flag
1,4-Difluorobenzene		101		70 - 130	%			
4-Bromofluorobenzene		95		70 - 130	%			

Sample 1d:

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

Seq Number: 3110711

Prep Method:

Tech:

E300P MAB

Analyst:

MAB

% Moist:

Date Prep: 12.16.2019 17:27

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	]



### **Certificate of Analytical Results** 646503

### 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:

% Moist:

Tech:

DTH

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 Dat	e	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.
- RPD exceeded lab control limits,
- The target analyte was positively identified below the quantitation limit and above the detection limit.
- Analyte was not detected.
- 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.
- 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.
- Reporting Limit
- MDL Method Detection Limit SDL Sample Detection Limit

LOD Limit of Detection

PQL Practical Quantitation Limit MQL Method Quantitation Limit

LOO Limit of Quantitation

Method Detection Limit

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

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: I 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	

<sup>\*</sup> Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 \* A / B All results are based on MDL and validated for QC purposes.

<sup>\*\*</sup> Surrogates outside limits; data and surrogates confirmed by reanalysis

<sup>\*\*\*</sup> Poor recoveries due to dilution



### 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

Matrix: Solid Batch: 1

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
I-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

Matrix:Soil Batch: 1

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	

<sup>\*</sup> Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 \* A / BAll results are based on MDL and validated for QC purposes.

<sup>\*\*</sup> Surrogates outside limits; data and surrogates confirmed by reanalysis

<sup>\*\*\*</sup> Poor recoveries due to dilution



### 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

Matrix: Solid Batch: 1

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	

<sup>\*</sup> Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 \* A / B All results are based on MDL and validated for QC purposes.

<sup>\*\*</sup> Surrogates outside limits; data and surrogates confirmed by reanalysis

<sup>\*\*\*</sup> Poor recoveries due to dilution

### XENCO LABORATORIES

## BS / BSD Recoveries

Project Name: Devon Weems Battery

Work Order #: 646503

MAB Analyst:

Date Prepared: 12.16.2019

Date Analyzed: 12.16.2019

**Project ID:** 700794.297.01

Lab Batch ID: 3110703 mg/kg Units:

Sample: 7692579-1-BKS

Batch #: 1

Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021	Blank	Spike	Blank	Blank	Spike	Blank	Bik. Spk		Control	Control	
	Sample Result [A]		Spike Result	Spike %R	Added	Spike Duplicate	Dup. %R	RPD	Limits %R	Limits %RPD	Flag
Analytes		<u> </u>	<u>C</u>	<u>a</u>	<u>a</u>	Result [F]	<u>©</u>				
Benzene	<0.000486	0.100	0.0975	86	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	001.00	0.0920	92	0.100	0.105	105	13	71-133	35	
Analyst: MAB	D <sub>2</sub>	ite Prepare	Date Prepared: 12.16.2019	6			Date A)	nalyzed:	Date Analyzed: 12.16.2019		

Lab Batch ID: 3110708 mg/kg Units:

Sample: 7692540-1-BKS

Batch #: 1

Date Analyzed: 12.16.2019 Matrix: Solid BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anions by EPA 300/300.1	Blank Sample Result	Spike Added	Blank Spike Result	Blank Spike %P	Spike Added	Blank Spike Durbiogte	Blk. Spk Dup.	RPD	Control Limits	Control Limits	Flag
Analytes	<u> </u>	[8]	[0]	Ē	<b>E</b> ]	Result [F]	€ ©	•	W0/	/PWW/	
Chloride	<0.354	250	258	103	250	256	102	-	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

MAB Analyst:

Date Prepared: 12.16.2019

Lab Batch ID: 3110711

mg/kg

Units:

Sample: 7692582-1-BKS

Batch #: 1

Date Analyzed: 12.16.2019 Matrix: Solid

**Project ID:** 700794.297.01

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Inorg	norganic Anions by EPA 300/300.1	Blank	Spike	Blank	Blank	Spike	Blank	Blk. Spk		Control	Control	Base of a form
<b>,</b>		Sample Result	Added	Spike	Spike	Added	Spike	Dup.	RPD	Limits	Limits	Flag
		[ <u>A</u> ]		Result	%R		Duplicate	%B	%	%R	%RPD	
Anal	knalytes		<u>e</u>	<u>[C</u>	<u>e</u>	[E]	Result [F]	<u>ত</u>				
Chloride		<0.354	250	263	105	250	262	105	0	90-110	20	
Analyst:	DTH	ŽQ	te Prepare	Date Prepared: 12.16.2019	61			Date An	Date Analyzed: 12.16.2019	12.16.2019	-	

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY Matrix: Solid Batch #: 1 Sample: 7692561-1-BKS Lab Batch ID: 3110724 mg/kg Units:

		_							_		
TPH by SW8015 Mod	Blank	Spike	Blank	Blank	Spike	Blank	Blk. Spk		Control	Control	
•	Sample Result	Added	Spike	Spike	Added	Spike	Dup.	RPD	Limits	Limits	Flag
	[¥]		Result	% <b>R</b>		Duplicate	% R	%	%R	%RPD	
Analytes		<u>e</u>	[C	ē	E	Result [F]	<u>5</u>				
Gasoline Range Hydrocarbons (GRO)	<13.9	1000	1090	109	1000	1100	110	П	70-135	35	
Diesel Range Organics (DRO)	<11.5	1000	1150	115	1000	1180	118	3	70-135	35	
nalyst: DTH	Ď	ate Prepar	Date Prepared: 12.16.2019	19			Date A	nalyzed:	Date Analyzed: 12.16.2019	-	

Sample: 7692584-1-BKS Lab Batch ID: 3110729 DIH Analyst:

mg/kg

Units:

Batch #: 1

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY Matrix: Solid

TPH by SW8015 Mod	Blank Sample Result	Spike Added	Blank Spike Recult	Blank Spike	Spike Added	Blank Spike Dunlicate	Blk. Spk Dup.	RPD	Control Limits	Control Limits	Flag
Analytes	<u>.</u>	[8]	[2]	<u>.</u>	<b>E</b>	Result [F]	<u>5</u>	0	<b>V</b> 0/	78787	
Gasoline Range Hydrocarbons (GRO)	<13.9	1000	1110	111	1000	1140	114	33	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

646503 Work Order #:

3110703

Lab Batch ID:

12.16.2019 Date Analyzed:

mg/kg

Reporting Units:

646503-001 S 12.16.2019

QC- Sample ID: Date Prepared:

700794.297.01

Project ID:

Matrix: Soil Batch #:

Analyst: MAB

## MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

	BTEX by EPA 8021	Parent Sample		Spiked Sample S Result S	Spiked Sample		Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limits	Control	Flag
	Analytes	Result [A]	Added [B]	<u>[C</u>	%R [D]	Added [E]	Result [F]	, k [G]	%	% <b>R</b>	%RPD	0
Benzene		<0.000486	0.100	0960.0	96	0.0990	0.101	102	5	70-130	35	
Toluene		<0.000528	0.100	0960'0	96	0.0990	0.101	102	'n	70-130	35	
Ethylbenzene		<0.000406	0.100	0.0930	93	0.0990	0.0984	66	9	71-129	35	
m_p-Xylencs		<0.000754	0.200	0.193	16	0.198	0.204	103	9	70-135	35	
o-Xylene		<0.000403	0.100	0.0943	94	0.0990	0.0998	101	9	71-133	35	
Lab Batch ID:	3110708 QC-	QC- Sample ID:	646464-001 S	001 S	Bat	Batch #:	1 Matrix:	: Soil				
Date Analyzed:	12.16.2019 Dat	ate Prepared:	12.16.2019	19	Ans	Analyst: M	MAB					
Reporting Units:	mg/kg											

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes  Organic Antons by E/A 300/300.1  Result Result Result   Sample   Spike   Spi	T	Parent		Spiked Sample	Spiked		Dunlicate	Sniked		Control	Control	
Analytes	Inorganic Anions by EFA 300/300.1	Sample	Spike	Result	Sample		Spiked Sample	Dup.	RPD	Limits	Limits	Flag
Analytes [A] [B] [D] [E] [G]		Result	Added	<u></u>	%R	٦,	Result [F]	%R	%	%R	%RPD	0
0 001 000 001 000 001	Analytes	[ <u>¥</u> ]	<u>a</u>		<u>[</u>			[5]				
	Chloride	0.78	100	200	100	00%	300	100	c	00 110	00	

Matrix Spike Percent Recovery [D] = 100\*(C-A)/BRelative 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, N = 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

3110708 646503 Work Order #: Lab Batch ID: 12.16.2019

Date Analyzed:

mg/kg

Reporting Units:

QC-Sample ID: 646464-011 S

Project ID:

700794.297.01

Batch #:

Matrix: Soil

Date Prepared: 12.16.2019

Analyst: MAB

## MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorga	Inorganic Anions by EPA 300/300.1	Parent Sample	ř .	Spiked Sample Spiked Result Sample	Spiked Sample	Spike	Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limits	Control Limits	Flag
	Analytes	Result [A]	Added [B]	<u>[</u>	© %R	Added [E]	Result [F]	% <b>R</b> [G]	%	%R	%RPD	)
Chloride		52.5	200	368	108	198	268	109	0	90-110	20	
Lab Batch ID:	3110711 C	QC- Sample ID:	646503-004 S	004 S	Bat	Batch #:	1 Matrix: Soil	: Soil				
Date Analyzed:	12.16.2019 D	Date Prepared:	12.16.2019	19	Ana	Analyst: M.	MAB					
Reporting Units:	mg/kg											

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

•		Parent		Cailed Comple	Carlead		Development	5-21-3				
Inorga	Inorganic Anions by EPA 300/300.1	Sample		Spiked Sample Result	Sample	pike	Spiked Sample	Spiked Dup.	RPD	Control	Control	F]30
	Analytes	Result [A]	Added [B]	[C] %R A	%R [D]	g ge	Result [F]	%, [G]	%	%R	%RPD	C
Chloride		95.7	201	318	1111	200	320	112	-	90-110	20	×
Lab Batch ID:	3110711	QC- Sample ID:	646503-014 S	014 S	Bat	Satch #:	1 Matrix: Soil	: Soil				
Date Analyzed:	12.16.2019	Date Prepared:	12.16.2019	119	Ans	Analyst: M	MAB					
Reporting Units:	mg/kg											

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Inorganic Anjons by FPA 300/300 1	Parent		Spiked Sample	Spiked	****	Duplicate	Spiked		Control	Control	
T-OOCIOO XXXII CA CITOXXXX AXXIII CATA	Sample	Spike	Result Sai	Sample		Spiked Sample	Dup.	RPD	Limits	Limits	Flag
•	Result	Added	٦	%R		Result [F]	%R	%	%R	%RPD	)
Analytes	[ <u>v</u> ]	[ <u>B</u> ]		<u>e</u>	[E]		<u>ত</u>				
Chloride	2530	250	2880	140	250	2890	144	0	90-110	20	×

Matrix Spike Percent Recovery [D] = 100\*(C-A)/BRelative 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

646503 Work Order #:

12.16.2019 3110724 Lab Batch ID:

mg/kg

Reporting Units:

Date Analyzed:

Date Prepared: 12.16.2019 QC- Sample ID:

Batch #:

646464-001 S

Matrix: Soil

Analyst: DTH

### 700794.297.01 Project ID:

## MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

	TPH by SW8015 Mod	Parent Sample		Spiked Sample Spiked Result Sample	Spiked Sample	Spike	Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limits	Control Limits	Flag
Aust	Analytes	Result [A]	Added [B]	[0]	. (a)	Added [E]	Result [F]	%R [G]	%	%R	%RPD	ı
Gasoline Range I	Gasoline Range Hydrocarbons (GRO)	<13.8	994	1290	130	1000	1330	133	3	70-135	35	
Diesel Range Organics (DRO)	ganics (DRO)	33.4	994	1260	123	1000	1260	123	0	70-135	35	
Lab Batch ID:	3110729 QC-	QC- Sample ID:	646503-004 S	004 S	Bat	Batch #:	1 Matrix:	: Soil				
Date Analyzed:	12.16.2019 Date	ate Prepared:	12.16.2019	119	Ans	Analyst: D'	DTH					
Reporting Units:	mg/kg											

# MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH by SW8015 Mod	Parent		Spiked Sample	Spiked		Duplicate	Spiked		Control	Control	
north Croot of the real	Sample	Spike	Result Sample	Sample	Spike	Spiked Sample	Ďup.	RPD	Limits	Limits	Flag
, in the second	Result	Added	5	%R	Added	Result [F]	%R	%	%R	%RPD	Q.
Analytes	[A]	<u>B</u>		[a]	E		<u>5</u>				
THE STATE OF THE S											
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	×
The state of the s				-			_				

Matrix Spike Percent Recovery [D] = 100\*(C-A) / BRelative 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 Quantitetion Limit, NC = Non Calculable - Sample amount is > 4 times the amount spiked.

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Revised Date 022619 Rev. 2019.1



### Chain of Custody

Work Order No: 1940503

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) 794-1298 Crasibad, NM (47) 704-7480 Sec. 2000

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	Messudar Sinchar (1/04/0) 121617 ,500
(Signature)	Refinquished by: (Signature) Received by: (Signature) Date/Time
usives and supportionaters. It assigns standard terms and conditions the cifert if such losses are due to circumstances beyond the control and	of service. Xence will be faith only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the effect of service assumed to control of Xence. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample gubmitted to Xence, but not analyzed. These forms will be enforced unless previously proposited.
Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U 1631/245.1/7470 /7471 : Hg	Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Yorg, in Affilia.
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TAT starts the day received by the lab,	Total Cc
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rrogram: USI/PSI ☐ PRP☐ Brownfields☐RRC☐ Superfund☐	Texas Ave
Work Order Comments	Company Name: I g   Oh   L P E   Company Name:
MAN TO COLUMN TO THE PARTY OF T	Project Manager: David Adk in S Bill to: (if different)
Beach F1 (561) 889,8701	Phoenix,AZ (480),355-0900, Atlanta,GA (770),445



### Chain of Custody

Work Order No: UHUSD3

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 Crasibed, NM (432) 704-5440

Phoenix,AZ (480) 355-0900 Atlanta,GA (770) 449-8800 Tampa,FL (813) 630-2000 West Palm Beach, FL (581) 889-870

	Sent Class 18 18 18	d by: (Signature) Received by: (Signat	request organizer of this document and retinquishment of samples constitutes a valid purchase order from client company to Xonco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xonco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xonco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xonco, but not analyzed. These terms will be enforced unless previously negotiated.	Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010:		BC-11 1 14:30 1'	80-10 14:15 2	BC-9 14:00 1'	75	BC-7 13:35 Z	BC-5 50:1 12-16-19 13:10 2	ab Sample identification Matrix Sampled Sampled Depth	Yes No N/A	Received intact: Yes 30 Confection Factor:	Thermometer ID	SAMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes	PO#   7,00794 , 2,97.0  Quote#	County	Project Number: 700794. 297,01 / Routine	Project Name: Devan Weems Battery Turn Around	(6-8768 Email:	city. State ZIP: Artesia, NM 88210 c	Texas Ave	Company Name: Talon LPE	Project Manager: David Adkins BI
0	44 83	Relinquished by:	client company to Xeneo, its affiliates and subcontractors. It assigns standard ter ylosses or expertses incurred by the client if such losses are due to circumstances submitted to Xenco, but not analyzed. These terms will be enforced unless previous	Fe Pb Ni Se								Number TPI	4 X	EX	I I	id d		hrs	Code		dadkins@talonlpe.com	City, State ZIP:	Address:	Company Name:	Bill to: (ff different)
THE THE PARTY OF THE TAX AND T		e) Received by: (Signature) Date/Time	standard terms and conditions roumstances beyond the control ess proviously negotiated.	Mg Mn Mo Ni K Se Ag SiO2 Na Sr TI Sn U V Zn Ag TI U 1631/245.1/7470/7471:Hg								Sample Comments	TAT starts the day received by the lab, if received by 4:00nm	Zn Acetate+ NaOH: Zn	NaOH: Na		HNO3: HN	None: NO	MeOH: Me	QUEST Preservative Codes	Deliverables: EDD ADaPT Other:	Reporting:Level II Devel III PST/UST TRRP Level IV	State of Project:	Program: UST/PST   PRP   Brownfields   BBC   Supplement	Work Order Comments



### 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

Analyst:

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : T-NM-007

Sample Receipt Checklist Comments

	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 contain	ner/ 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 relinquish	ed/ received?	Yes	
#10 Chain of Custody agrees with sample la	bels/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 to	est(s)?	Yes	
#16 All samples received within hold time?		Yes	
#17 Subcontract of sample(s)?		No	
#18 Water VOC samples have zero headspa	ace?	N/A	

<sup>\*</sup> Must be completed for after-hours delivery of samples prior to placing in the refrigerator

		,
Checklist completed by:	Elizabeth McClellan	Date: 12/16/2019
Checklist reviewed by:	Jessica Vramer	Date: <u>12/17/2</u> 019

Jessica Kramer

PH Device/Lot#:



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

OrderNo.: 1912B48

December 27, 2019

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

RE: Devon Weems Battery

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

Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BC-1 3'

Project: Devon Weems Battery

Collection Date: 12/19/2019 2:30:00 PM

Lab ID:

1912B48-001

Matrix: MEOH (SOIL) Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	RL	Qual Unit	s DF	F Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	60	mg/k	(g 20	12/22/2019 9:49:31 AM	49469
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	8.9	mg/k	(g 1	12/23/2019 9:43:34 AM	49472
Motor Oil Range Organics (MRO)	ND	45	mg/k	(g 1	12/23/2019 9:43:34 AM	49472
Surr: DNOP	91.1	70-130	%Re	c 1	12/23/2019 9:43:34 AM	49472
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	13	mg/k	(g 5	12/23/2019 9:52:52 AM	G65365
Surr: BFB	86.3	66.6-105	%Re	c 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.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 1 of 24

Lab Order 1912B48

Date Reported: 12/27/2019

### 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					Analys	t: MRA
Chloride	66	60	mg/Kg	20	12/22/2019 10:26:45 A	M 49469
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	12/23/2019 10:07:07 A	M 49472
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	12/23/2019 10:07:07 A	M 49472
Surr: DNOP	96.0	70-130	%Rec	1	12/23/2019 10:07:07 A	M 49472
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	14	mg/Kg	5	12/23/2019 10:15:48 A	M G65365
Surr: BFB	88.0	66.6-105	%Rec	5	12/23/2019 10:15:48 A	M G65365

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

Qualifiers:

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

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Lab Order 1912B48

Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BC-4 3'

Project: Devon Weems Battery

Collection Date: 12/19/2019 2:55:00 PM

Lab ID:

1912B48-003

Matrix: MEOH (SOIL) Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	_			Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analysi	MRA
Chloride	200	60	mg/Kg	20	12/22/2019 10:39:09 A	M 494 <del>6</del> 9

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab Order 1912B48

### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/27/2019

CLIENT: Talon Artesia Client Sample ID: BC-4 4'

Project:Devon Weems BatteryCollection Date: 12/19/2019 3:00:00 PMLab ID:1912B48-004Matrix: 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
 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.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

D 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 pll Not In Range

RL Reporting Limit

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Lab Order 1912B48

### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 12/27/2019

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: 12/2

**Received Date:** 12/21/2019 9:30:00 AM

 Analyses
 Result
 RL Qual Units
 DF Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 " Separation of the property of the

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

Qualifiers:

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

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

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Lab Order 1912B48

Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Project: Devon Weems Battery

Lab ID: 1912B48-006

Client Sample ID: BC-6 31

Collection Date: 12/19/2019 1:00:00 PM

Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	_			Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	87	60	mg/Kg	20	12/22/2019 11:16:22	AM 49469

Matrix: MEOH (SOIL)

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/27/2019

### 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: 1911

1912B48-007

Matrix: MEOH (SOIL) Received Date: 12/21/2019 9:30:00 AM

mx: MEOH (SOIL) Received Date: 12/21/2019 9:50:00 AM

 Analyses
 Result
 RL
 Qual
 Units
 DF
 Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 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.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

R1. Reporting Limit

Page 7 of 24

Lab Order 1912B48

Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BC-6 5'

Project: Devon Weems Battery

Collection Date: 12/19/2019 1:10:00 PM

Lab ID:

1912B48-008

Matrix: MEOH (SOIL)

Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	-			Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Anal	yst: 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 Quantitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BC-7 3'

Project: Devon Weems Battery

Collection Date: 12/19/2019 1:25:00 PM

Lab ID: 1

1912B48-009

Matrix: MEOH (SOIL) Received Date: 1

Received Date: 12/21/2019 9:30:00 AM

Analyses	Result				Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: 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.

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

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Lab Order 1912B48

Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BC-7 4'

Project: Devon Weems Battery

Collection Date: 12/19/2019 1:30:00 AM

Lab ID: 1912B48-010 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
 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.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

8 % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Date Reported: 12/27/2019

### 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 Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	ND	60	mg/Kg	20	12/22/2019 12:43:13 F	M 49469

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 11 of 24

Lab Order 1912B48

Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BC-8 3'

Project: Devon Weems Battery

Collection Date: 12/19/2019 1:45:00 PM

Lab ID:

1912B48-012

Matrix: MEOH (SOIL) Received Da

Received Date: 12/21/2019 9:30:00 AM

Analyses	Result				Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: MRA
Chloride	150	60	mg/Kg	20	12/22/2019 12:55:37 F	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

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

Sample pH Not In Range

RL Reporting Limit

Page 12 of 24

Lab Order 1912B48

Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BC-8 4'

Project: Devon Weems Battery Collection Date: 12/19/2019 1:50:00 PM

Lab ID:

1912B48-013

Matrix: MEOH (SOIL)

Received Date: 12/21/2019 9:30:00 AM

Analyses	Result	-			Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: WRA
Chloride	ND	60	mg/Kg	20	12/22/2019 1:08:02 PM	M 49469

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

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL. Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RLReporting Limit Page 13 of 24

Lab Order 1912B48

Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia

Client Sample ID: BC-8 5'

Project: Devon Weems Battery

Collection Date: 12/19/2019 1:55:00 PM

Lab ID: 19

1912B48-014

Matrix: MEOH (SOIL) Received Date: 12/2

Received Date: 12/21/2019 9:30:00 AM

Analyses	Result				Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: MRA
Chloride	ND	60	mg/Kg	20	12/22/2019 1:20:27 PM	M 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

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Lab Order 1912B48

Date Reported: 12/27/2019

### 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) Receiv

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 ORG	SANICS				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.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- D 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

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Lab Order 1912B48

Date Reported: 12/27/2019

### 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	E ORGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	8.7	mg/Kg	1	12/23/2019 10:54:22 Al	√ 49472
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	12/23/2019 10:54:22 Af	√ 49472
Surr: DNOP	96.2	70-130	%Rec	1	12/23/2019 10:54:22 Af	d 49472
EPA METHOD 8015D: GASOLINE RANG	iΕ				Analyst	NSB
Gasoline Range Organics (GRO)	ND	15	mg/Kg	5	12/23/2019 11:01:47 Al	√ G65365
Surr: BFB	86.5	66.6-105	%Rec	5	12/23/2019 11:01:47 Al	√ 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

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Date Reported: 12/27/2019

### 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 Unit	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	2100	150	mg/K	g 50	12/23/2019 9:24:03 AM	49469
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	8.9	mg/K	g 1	12/23/2019 9:55:38 AM	49472
Motor Oil Range Organics (MRO)	ND	45	mg/K	g 1	12/23/2019 9:55:38 AM	49472
Surr: DNOP	99.9	70-130	%Re	1	12/23/2019 9:55:38 AM	49472
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	14	mg/K	g 5	12/23/2019 11:24:43 AM	И G65365
Surr: BFB	88.5	66.6-105	%Re	5	12/23/2019 11:24:43 AM	M G65365
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.069	mg/K	g 5	12/23/2019 11:24:43 AM	∕I B65365
Toluene	ND	0.14	mg/K	g 5	12/23/2019 11:24:43 AM	∕I B65365
Ethylbenzene	ND	0.14	mg/K	g 5	12/23/2019 11:24:43 AM	∕I B65365
Xylenes, Total	ND	0.28	mg/K	g 5	12/23/2019 11:24:43 AM	∕I B65365
Surr: 4-Bromofluorobenzene	110	80-120	%Re	5	12/23/2019 11:24:43 AM	∕I B65365

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

Qualifiers:

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

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Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia Client Sample ID: SW-8 2

Project: Devon Weems Battery

Lab ID: 1912B48-018

Matrix: MEOH (SOIL)

Received Date: 12/19/2019 3:40:00 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 12/22/2019 2:34:56 PM 49469 mg/Kg **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.6 mg/Kg 12/23/2019 10:19:48 AM 49472 1 Motor Oil Range Organics (MRO) ND 12/23/2019 10:19:48 AM 49472 48 mg/Kg 1 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 12/23/2019 11:47:28 AM G65365 13 mg/Kg 5 Surr: BFB 82.2 5 66.6-105 %Rec 12/23/2019 11:47:28 AM G65365 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.066 12/23/2019 11:47:28 AM B65365 mg/Kg 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 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.

Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

NO Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 18 of 24

Received Date: 12/21/2019 9:30:00 AM

Date Reported: 12/27/2019

### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SW-9 2' CLIENT: Talon Artesia

Project: Devon Weems Battery Collection Date: 12/19/2019 3:50:00 PM Lab ID: 1912B48-019 Matrix: MEOH (SOIL)

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: <b>MRA</b>
Chloride	670	61	mg/Kg	20	12/22/2019 2:47:21 PM 49469
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				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: <b>NSB</b>
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.
- Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

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

Lab Order 1912B48

Date Reported: 12/27/2019

### 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					Analy	st: MRA
Chloride	ND	60	mg/Kg	20	12/22/2019 2:59:45 P	M 49469
EPA METHOD 8015M/D: DIESEL RANGE (	ORGANICS				Analy	st: 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					Analys	st: 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					Analys	st: NSB
Benzene	ND	0.067	mg/Kg	5	12/23/2019 12:33:11 6	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.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 20 of 24

### **QC SUMMARY REPORT**

### Hall Environmental Analysis Laboratory, Inc.

WO#:

**RPDLimit** 

**RPDLimit** 

1912B48

27-Dec-19

Client:

Talon Artesia

Project:

Devon Weems Battery

Sample ID: MB-49469

SampType: mblk Batch ID: 49469 TestCode: EPA Method 300.0: Anions RunNo: 65348

SPK value SPK Ref Val %REC LowLimit

0

Client ID: PBS

Prep Date: 12/22/2019

Analysis Date: 12/22/2019

SeqNo: 2244761

Units: mg/Kg

HighLimit

Analyte **PQL** Result Chloride ND

SampType: Ics

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Sample ID: LCS-49469

Batch ID: 49469 Analysis Date: 12/22/2019

1.5

1.5

RunNo: 65348

SeqNo: 2244762

Units: mg/Kg

Analyte

Prep Date: 12/22/2019 Result

PQL SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD

%RPD

Quai

Qual

Chloride

14

15.00

90.7

90

110

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range Reporting Limit

Page 21 of 24

### QC SUMMARY REPORT

### Hall Environmental Analysis Laboratory, Inc.

WO#: 1912B48

27-Dec-19

Client:

Talon Artesia

Project: Devon V	Weems Batt	ery									
Sample ID: MB-49472	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	SampT	ype: LC	s	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	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			
Surr: DNOP	4.3		5.000		86.9	70	130				
ample 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 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: 1912B48-001AM	SD SampT	ype: MS	BD	Tes	tCode: EF	A Method	8015M/D: Di	esel Rang	o 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				

### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- NO Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 8 % Recovery outside of range due to dilution or matrix

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

RL Reporting Limit

Page 22 of 24

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1912B48

27-Dec-19

Client:

Talon Artesia

Project:	Devon Weems	Battery									
Sample ID: <b>rb</b>	S	ampType:	МВ	LK	Tes	tCode: E	PA Method	8015D: Gaso	oline Rang	e	
Client ID: PBS		Batch ID:	G6	5365	F	RunNo: 6	5365				
Prep Date:	Analy	sis Date:	12	/23/2019	S	SeqNo: 2	245430	Units: mg/k	(g		
Analyte	Res	ult PC	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	, ,		5.0								
Surr: BFB	9	10		1000		91.3	66.6	105			
Sample ID: 2.5ug	gro Ics S	ampType:	LCS	S	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	е	
Client ID: LCSS		Batch ID;	G68	5365	F	lunNo: 6	5365				
Prep Date:	Analy	sis Date:	12	/23/2019	S	SeqNo: 2	245431	Units: mg/k	(g		
Analyte	Res	uit PC	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	cs (GRO)	22	5.0	25.00	0	88.4	80	120			
Sum: BF8	10	00		1000		102	66.6	105			
Sample ID: 1912b	18-001ams Sa	ampType:	MS		Tes	lCode: El	PA Method	8015D: Gaso	line Rang	9	
Client ID: BC-1 3		Batch ID:	G65	5365	R	tunNo: 6	5365				
Prep Date:	Analy	sis Date:	12	/23/2019	S	eqNo: 2	245432	Units: mg/K	(g		
Analyte	Res			SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	. ,	57	13	66.17	0	85.5	69.1	142			
Sum: BFB	25	00		2647		94.0	66.6	105			
Sample ID: 1912b	18-001amsd Sa	ampType:	MS	D	Test	Code: El	PA Method	8015D: Gaso	line Rang	9	
Client ID: BC-1 3	1	Batch ID:	G65	5365	R	tunNo: 6	5365				
Prep Date:	Analy	sis Date:	12	/23/2019	S	eqNo: 2	245433	Units: mg/K	(g		
Analyte	Res	ult PC	ΣL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	≲ (GRO)	54	13	66.17	0	81,4	69.1	142	4.89	20	
Surr: BFB	24	00		26 <del>4</del> 7		90.9	66.6	105	0	0	

## Qualifiers:

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

Page 23 of 24

## QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1912B48

27-Dec-19

Client:

Talon Artesia

Project:

Devon Weems Battery

Sample ID: rb	SampT	уре: МЕ	BLK	Tes	tCode: E	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batcl	h ID: <b>B6</b>	5365	F	RunNo: 6	5365				
Prep Date:	Analysis Date: 12/23/2			S	SeqNo: 2	245449	Units: mg/K	(g		
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 Ics	s SampType: LCS TestCode: EPA Method 8021B: Volatiles									

Sample ID: 100ng btex Ics	Samp	Type: LC	S	Tes	tCode: E	PA Method	8021B; Volat	tiles		
Client ID: LCSS	Bato	h iD: <b>B6</b>	5365	F	RunNo: 6	5365				
Prep Date:	Analysis I	Date: 12	2/23/2019	5	SeqNo: 2	245450	Units: mg/K	(g		
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	Samp	Гуре: МS	3	Tes	tCode: E	PA Method	8021B; Vola	tiles		
Client ID: SW-7 2'	Batc	h ID: <b>B6</b>	5365	F	RunNo: 6	5365				
Prep Date:	Analysis [	Date: 12	2/23/2019	\$	SeqNo: 2	245451	Units: mg/F	(g		
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: 1912b48-017ams	d Samp	Type: MS	SD.	Tes	tCode: El	PA Method	8021B: Volat	liles		
Client ID: SW-7 2'	Bato	h ID: <b>B6</b>	5365	F	RunNo: 6	5365				
Prep Date:	Analysis I	Date: <b>12</b>	2/23/2019	5	SeqNo: 2	245452	Units: mg/K	(g		
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
- Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

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

Page 24 of 24



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 Nun	ber: 1912B48		. RcptNo:	1
Received By: Yazmine Garduno	12/21/2019 9:30:0	D AM	afaznion literaturi		
Completed By: Yazmine Garduno	12/21/2019 9:49:0	4 AM	afognin lithrauto		
Reviewed By: MA 12 41) 1			ų i		
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	e 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) prope	rly 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 🗹	1
10. Were any sample containers received broke	∍n?	Yes	No ☑ ┌		1
				# of preserved bottles checked	/
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗆	for pH:	12 unless noted)
12. Are matrices correctly identified on Chain of	Castody2	Yes 🗹	No □	Adjusted?	12 unless noted)
13, is it clear what analyses were requested?	outlody!	Yes 🗹	No 🗆	<i>f</i>	· \
14. Were all holding times able to be met?		Yes <b>⊻</b>	No 🗆	Checked by:	6 12/21/16
(If no, notify customer for authorization.)  Special Handling (if applicable)			<u> </u>		· · · · · · · · · · · · · · · · · · ·
15. Was client notified of all discrepancies with	المراجع وأواة	v 🗆	🗀		
	triis order?	Yes 🗌	No 🗌	NA 🗹	
Person Notified:	Date		Jacoba - 2000-100-100-100-100-100-100-100-100-100		
By Whom:	Via:	eMail P	hone 🔲 Fax	☐ In Person	
Regarding:		And the state of t			
Client Instructions:		Box 100 100 100 100 100 100 100 100 100 10	er en entre sente en la company en entre en en	33777 37777 12777 12777	
16. Additional remarks:					
17. Cooler Information					
	eal Intact - Seal No	√Seal Däte≒ 1819	Signed By 🥌		
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		Www.hallenvironmental.com	4901 Hawkins NE - Albuquerdue, NM 87109		Amaliysis	(*) (*)	no s	<b>(</b> G997)	Hq (1) (1) (1) (2,0) (2,0) (3,0) (1,	1 + T + T   1   1   1   1   1   1   1   1   1	3E - (GH d d G) (GH d G) (GH G) (GH G) (GH G)	ES orth orth Orte Iol; Iol; Ioli Ioli Ioli Ioli	BTEX + N BTEX + N TPH 801 TPH 801 PAH's (83 PAH's (83 PA	1	1	7	7	3	7	7	7			Remarks: 8 - 2 & 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.
Turn-Around Time: Sound Clay	Krush T	Project Name:	Deuse Weens Battan	Project #:	700794,297.01	Project Manager.	DAVID APKING		Sampler: A-ADKLNS	Tect	Sample Temperature: 59 +0.2-5.5		Preservative Type	16ths cod -013	· . hle- /	- S10 -	vi()-		-014	- 00	/ / / / / / / / / / / / / / / / / / /		2	Received by: Time Chall (My 102)	Received by:    Dete Time     Dete Time	Acted to other accredited laboratories. This serves as notice of this
Shain-of-Custody Record	Client 7ACOV/LPE	DAVID ADILLUS	Mailing Address: 408 W. Texas Ave.	Artesia, Ma 88210	Phone #. 575:441. 4835	- (pe.	in com	XStandard	no	□ NELAP □ Other	디 EDD (Type)		Date Time Matrix Sample Request ID	149/4 150p S 80-8 4.	155 5 62-8 51	15:5 B-10.3'		330 Sw-7 2'	340, 5W-8, 2'	350 Sw. 9 21	1 your Sw-10 2.	· ·		7 Time: Relinquished by:	1990 (980 Chaffee Supersisted by The Supersisted by	If necessary, samples submitted to Hall Environmental may be subconfr

## **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 Vermer

Project Assistant

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America



## **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.





## 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

MAB

Analyst:

MAB

% Moist:

Tech:

Seq Number: 3111866

Date Prep: 12.27.19 07.30

Prep seq: 7693247

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Dil Factor Flag
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

E300P

Analytical Method: Inorganic Anions by EPA 300/300.1

Analyst:

% Moist:

Prep Method:

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

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Dil Factor Flag
Chloride	16887-00-6	186	49.9	1.77	mg/kg	12.27.19 10:23	5





## 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	Uni	ts Analysis	Date	Flag
1-Chlorooctane		100		70 - 13	i5 %	1		
o-Terphenyl		101		70 - 13	i5 %	•		

Analytical Method: BTEX by EPA 8021

Analyst:

MAB

% Moist:

Prep Method:

Tech:

5030B

MAB

Seq Number: 3111623

Date Prep: 12.24.19 14.00

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	į
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	Uni	its Analysis	Date	Flag
1,4-Difluorobenzene		101		70 -	130 %	ó		
4-Bromofluorobenzene		97		70 -	130 %	, 0		





## 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:

Analyst:

MAB

% Moist:

Tech:

5030B

Date Prep: 12.24.19 08.07

MAB

Seq Number: 3111623

Prep seq: 7693185

Parameter	CAS Number	Result	MQL	SDL	Units	Analysis Date	Flag	Dil Facto
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	i
o-Xylene	95-47-6	<0.000403	0.00200	0.000403	mg/kg	12.24.19 08:55	U	i
Surrogate		% Recovery		Limits	Un	its Analysis	Date	Flag
1,4-Difluorobenzene		100		70 ~	130 %	6		
4-Bromofluorobenzene		99		70 -	130 %	6		

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

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	Uni	its Analysis	Date	Flag
1-Chlorooctane		95		<b>70</b> - 13	35 %			
o-Terphenyl		98		70 - 13	35 %	5		





## 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

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	I



## 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: 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	SURROGATE RECOVERY STUDY					
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags	
Analytes			[D]			
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:

Matrix: Solid

Units: mg/kg Date Analyzed: 12/24/19 08:29	SURROGATE RECOVERY STUDY						
BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes			[D]				
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:

Matrix: Solid

Units: mg/kg Date Analyzed: 12/24/19 08:55	SURROGATE RECOVERY STUDY				
BTEX by EPA 8021	Amount Found [A]	Truc Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0299	0.0300	100	70-130	
4-Bromofluorobenzenc	0.0296	0.0300	99	70-130	

Lab Batch #: 3111623

Sample: 7693185-1-BKS/BKS

Batch:

Matrix: Solid

Units: mg/kg Date Analyzed: 12/24/19 09:12	SURROGATE RECOVERY STUDY				
BTEX by EPA 8021	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes			[10]		
1,4-Difluorobenzene	0.0299	0.0300	100	70-130	
4-Bromofluorobenzene	0.0304	0.0300	101	70-130	

Lab Batch #: 3111623

Sample: 7693185-I-BSD / BSD

Batch: 1

Matrix: Solid

Units: mg/kg Date Analyzed: 12/24/19 09:29 SURROGATE RECOVERY STUDY					
BTEX by EPA 8021	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
Analytes			[D]		
1,4-Difluorobenzene	0.0303	0.0300	101	70-130	
4-Bromofluorobenzene	0.0312	0.0300	104	70-130	

<sup>\*</sup> Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

<sup>\*\*</sup> Surrogates outside limits; data and surrogates confirmed by reanalysis

<sup>\*\*\*</sup> Poor recoveries due to dilution



## 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	SURROGATE RECOVERY STUDY					
BTEX by EPA 8021	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags	
Analytes			[D]			
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	SURROGATE RECOVERY STUDY							
BTE	X by EPA 8021	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
	Analytes			[10]					
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:

Matrix: Solid

Units: mg/kg Date Analyzed: 12/24/19 11:57	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod  Analytes	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	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod  Analytes	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

SD Bate

Batch: 1 Matrix: Solid

Units: mg/kg Date Analyzed: 12/24/19 12:16	SURROGATE RECOVERY STUDY							
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	111	100	111	70-135				
o-Terphenyl	55.7	50,0	111	70-135				

<sup>\*</sup> Surrogate outside of Laboratory QC limits

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

<sup>\*\*</sup> Surrogates outside limits; data and surrogates confirmed by reanalysis

<sup>\*\*\*</sup> Poor recoveries due to dilution



## 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	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes			[D]				
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	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod  Analytes		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 Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

<sup>\*</sup> Surrogate outside of Laboratory QC limits

<sup>\*\*</sup> Surrogates outside limits; data and surrogates confirmed by reanalysis

<sup>\*\*\*</sup> Poor recoveries due to dilution



## **BS / BSD Recoveries**



Project Name: Devon Weems Battery

Work Order #: 647462

Analyst: MAB Lab Batch ID: 3111623

Sample: 7693185-1-BKS

Date Prepared: 12/24/2019 Batch #: 1

Project ID: 700794.297.01

Date Analyzed: 12/24/2019

Matrix: Solid

Units:

mg/kg	

BLANK /BLANK SPIKE	/BLANK SPIKE DUPLICATE	RECOVERY STUDY

BTEX by EPA 8021 Analytes	Biank Sample Result [A]	Spike Added [B]	Blank Spikc Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Bik, 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	

MAB Analyst:

Lab Batch ID: 3111866

Sample: 7693247-1-BKS

Date Prepared: 12/27/2019 Batch #: 1

Date Analyzed: 12/27/2019

Matrix: Solid

Units: mg/kg		BLAN	K/BLANK S	SPIKE/I	BLANK	SPIKE DUPI	LICATE	RECOV	ERY STUI	ĴΥ	]
Inorganic Anions by EPA 300/300.1	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes		[B]	[C]	[13]	[E]	Result [F]	[G]				
Chloride	< 0.354	250	257	103	250	256	102	0	90-110	20	[

Relative Percent Difference RPD =  $200^{\circ}[(C+F)/(C+F)]$ Blank Spike Recovery [D] =  $100^{\circ}(C)/[B]$ Blank Spike Duplicate Recovery [G] =  $100^{\circ}(F)/[E]$ All results are based on MDL and Validated for QC Purposes



## **BS/BSD Recoveries**

124

1000



Project Name: Devon Weems Battery

1240

Work Order #: 647462

Analyst: DTH

Lab Batch ID: 3111671

Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)

TPH by SW8015 Mod

Sample: 7693227-1-BKS

Date Prepared: 12/24/2019 Batch #: 1

1000

Project ID: 700794.297.01

Date Analyzed: 12/24/2019

Matrix: Solid

Units:	mg/kg
CILIL 3.	1112311

Analytes

	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
_	Blank Sample Result [A]	Spike Added [B]	Błank Spike Result [C]	Blank Spike %R [Dj	Spike Added [E]	Blank Spike Duplicate Resuit [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
	<13.9	1000	1220	122	1000	1230	123	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 #: Lab Batch ID:

647462

QC- Sample ID: 647387-036 S

Project ID: 700794.297.01

Matrix: Soil

Date Analyzed:

3111623

Batch #:

Date Prepared: 12/24/2019

Analyst: MAB

Reporting Units:

12/24/2019 mg/kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

				.,		112 201 21011		OILII	OI OD I		
BTEX by EPA 8021	Parent Sample	Spike	Spiked Sample Result	Sample		Duplicate Spiked Sample	Spiked Dup.	RPD	Control Limits	Control Limits	Flag
Analytes	Result [A]	Added [B]	[C]	%R [D]	Added [E]	Result [F]	%R [G]	%	%R	%RPD	
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	
nt,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 #:

Matrix: Soil

Date Analyzed: Reporting Units: 12/27/2019 mg/kg

Date Prepared: 12/27/2019

Analyst: MAB

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
Chłoride	17.9	199	223	103	200	224	103	0	90-110	20	

Lab Batch ID:

3111671

QC-Sample ID: 647387-035 S

Batch #:

Matrix: Soil

Date Analyzed:

12/24/2019

Date Prepared: 12/24/2019

Reporting Units:

mg/kg

Analyst: DTH

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

							_				
TPH by SW8015 Mod	Parent Sample Result	Spike	Spiked Sample Result	Sample		Duplicate Spiked Sample		RPD	Control Limits	Control Limits	Flag
Analytes	[A]	Added [B]	[C]	%R [D]	Added [E]	Result [F]	%R [G]	%	%R	%RPD	
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] =  $100^{\circ}(C-A)/B$ Relative Percent Difference RPD =  $200^{\circ}[(C-F)/(C+F)]$ 

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.

Page 16 of 18

1.001

## Chain of Custody

Work Order No: 647462

Houszon,TX (281) 240-4200 Dellas,TX (214) 902-0300 San Antonio,TX (210) 509-3334 Midland,TX (432) 704-5440 EL Paso,TX (915) 585-3443 Lubbock,TX (686) 794-1296 Crasbad, NM (432) 704-5440

6	2 (25.21 18 12.20)	Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature)	ubcontractors. If such losses at tornis will be er	Oircle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn			SW-10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10'00	Soil 12-24-19 0930 2, 1	Sample Identification Matrix Sampled Sampled Depth 5	Sample Custody Seals:   Yes (No) N/A   Total Containers:   C	Yes (NO N/A Correction Factor: - 0-2 cells	7	Temp Blank: Yes No Wet loe: Yes No	7.0/ Quote#	nn 204 Sincleir Due Date:	Elder County Routine River	Battery	146-8/6X Em	Hr 1831a, NM 88210	408 W Texas	Company Name: To On LPE Company Name:	Project Manager: David Adkins Bill to: (Ir different)	Phoenix.AZ (480) 355-0900 Atlanta GA [770] 449-8800 Tampa.FL (813) 620-2000 West Palm Beach, FL (551) 689-6701
		(Signature) Received by: (Signature)	ns standard terms and conditions concurred terms beyond the control unless previously regoldated.	Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SIO2 Na Sr Ti Sn U V Zn Mn Mo Ni Se Ag Ti U 1631/245.1/7470/7471:Hg				The state of the s		Sample Comments	i AT starts the day received by the lab, if received by 4:00pm	Zn Acetate+ NaOH: Zn	NaOH: Ma	HO: #	H2504: H2	None: NO	MeOff: Me	YSIS REQUEST Preservative Codes	Deliverables: EDD	Reporting:Level II Level III PST/UST TRAP Level IV	State of Project:	Program: UST/PST PRP Brownfields RRC Superfund	Work Order Comments	Beach, FL (581) 689-6701 www.xenco.com Page of

## **XENCO Laboratories**

## Prelogin/Nonconformance Report- Sample Log-In

Client: Talon LPE-Artesia

Date/ Time Received: 12.24.2019 12.30.00 PM

Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient

Work Order #: 647462

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 contain	ner/ 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 relinquish	ned/ received?	Yes	
#10 Chain of Custody agrees with sample la	abels/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 headsp	ace?	N/A	

<sup>\*</sup> Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:
----------

PH Device/Lot#:

Checklist completed by:	petials	Date: 12.24.2019
	Martha Castro	
Checklist reviewed by:	Jessica Vramer  Jessica Kramer	Date: <u>12,26,2019</u>



## **APPENDIX VII**

## **DISPOSAL MANIFESTS**

# Received by OCD: 4/14/2020 8:06:10 AM

## LEA LAND DISPOSAL SITE NEW MEXICO

***************************************	The state of the s			der Arte de la	terminate and the second	AND THE PROPERTY OF THE PARTY O		
	1300 WEST MAIN S		ND, LLC IA CITY, OK 73106 • F	PHONE (4	105) 236-4	1257	M	annu
NOI	N-HAZARDOUS WASTE MANIF		133471	I. PAG	GEOF	2. TRAI	LER NO.	297
G	3. COMPANY NAME Devon Energy Corp	4. ADDRESS 6488 Seven R	ivers Highway	tooksaanaantaana	5, I	PICK-UP DATE 12/12/201	ig	
E	PHONE NO	CITY Artesia 2000	STATE	88	21Po 6. 7	NRCC I.D. NO	).	
w?* ·	7. NAME OR DESCRIPTION OF WASTE SHIPPI Non-Regulated, Non-Hazardous Was			8. CONT No.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#
N	b.							
E	C.	***************************************				<del></del>		
R	WI: 47.780 35.8	(1.1)	10/10					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 700794:	29701	1 Capt Cell			13. WASTE P		). <b>580</b>
A	14. IN CA	ASE OF EMERG	ENCY OR SPILE	. <u>50</u> L. CON	/) ]	TOTAL CONTRACTOR CONTR		AUCUS MURITISTIC SERVICES
T	NOE ONTIVEROS	PHONE NO 575-887-4048		,		24-HOUR	EMERGEN	NCY NO.
o	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	id labeled, and are in al	ll respects in proper cor	idition for	fransport	hy biohway ace	ording to an	inficable
R	PRINTED/TYPED NAME		SIGNATURE	the franchise consequences	****			DATE
T	16. TRANSPORTER (1)	THE PARTY OF THE P	17.	TR	ANSPO	RTER (2)		***************************************
R A	NAME: TALON LPE		NAME:					
N	TEXAS I.D. NO.		TEXAS LD. NO.					
S P	LIN CASE OF EMERGENCY CONTACT:	)AVID ADKINS:: ).441-4835	IN CASE OF EMEI	RGENCY	CONTAC	T:		
0	EMERGENCY PHONE: 5-12		EMERGENCY PHO	ONE:				
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt of material	19. TRANSPOR	TER (2	:): Acknow	wledgment of re	eceipt of ma	terial
E R	PRINTED/TYPED NAME / April 30	1 Garcio 12/12/	PRINTED/TYPED	NAME_		****		<del></del>
S	SIGNATURE Apply	DATE	SIGNATURE			D <sub>i</sub>	ATE	<del></del>
		ADDRESS:		AMERICAN CONTRACTOR OF THE PROPERTY OF THE PRO	000 PHTS 8007790 PHOC 600 BY A	PHONE:	*********	PUREYAR COMMUNICATION
n 15	Lea Land, LLC	Mile	Marker 64, U.S	S. Hwy	62/180	),	575-887	7-4048
D F I A		30 N	files East of Car	rlsbad,	NM		······································	
S C P I O L	PERMIT NO. WM-01-035 - New Mex	ico	20. COMMENTS					
S I A T	21.DISPOSAL FACILITY'S CERTIFIC. facility is authorized and permitted to receive such w	ATION: 1 Hereby c	ertify that the above de	scribed w	astes were	delivered to thi	s facility, th	at the
LY	AUTIORIZED SIGNATURE	$\wedge$	CELL NO.	-	DATE	12/12/2019	TIM	E, D
را	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11/1-				i and it and an in the	1 16	

	MILE MARKER #64 US HWY 62/180 • 30 MILE	S EAST OF CARLSBA	D, NM • P	HONE (57:	5) 887-4048		
	LEA LA	AND, LLC MA CITY, OK 73106 •	PHONE (4	105) 236-42	57	Ph	15
NOI	I-HAZARDOUS WASTE MANIFEST NO	133472	L. PAC	DEOF_	_ 2. TRAIL	ER NO.	9-00
G	COMPANY NAME Devon Energy Corp. 4-ADDRESS 9488 Seven	Rivers Highway		5. PI	95/42/284	β	uccoden and the second
<b>E</b>	PHONE NO Artesia	STATE	882	21Po 6. Tr	NRCC I.D. NO		
E.	7. NAME OR DESCRIPTION OF WASTE SHIPPED: Non-Regulated, Non Hazardous Waste		8. CONT	TAINERS TypeM	9, TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#
N	a. The first second sec						
E	b.						
	Wite a						
R	" 40,180 34,340	38740		1			
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1. BATTERY job: 70079429701	-0 115	100	$\overline{}$	13. WASTE PI		0. 8 <b>580</b> .
1.	14. IN CASE OF EMER	CENCY OR SPIL	L CON	TACT		***************************************	
T	NOE ONTIVEROS 379887904		ob, con	17101	24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: 1 Hereby declare the shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable in the same of the same o	all respects in proper co	ondition for	r transport b	y highway acco	ording to ap	pplicable
R	PRINTED/TYPED NAME	SIGNATURE				N	DATE
T	16. TRANSPORTER (I)	17.	TR	ANSPO	RTER (2)		
R A	NAME: IALON LPE	NAME:					
N S	TEXAS LD. NO DAVID.ADKINS	TEXAS I.D. NO.					
P	IN CASE OF EMERGENCY CONTACT: (575) 441-4835	IN CASE OF EME	ERGENCY	CONTAC	<b>r</b> :		
O R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of receipt of material	EMERGENCY PH		2): Acknov	vledgment of ro	eceipt of m	aterial
T E R	PRINTED/TYPED NAME TOTAL	PRINTED/TYPEC <b>2/2019</b> :	NAME_		· · · · · · · · · · · · · · · · · · ·		
S	SIGNATURE JUST GASTOS DATE	SIGNATURE			D.	ATE	
CO-JANAS TATAL	ADDRESS:				PHONE:		
D F	· · · · · · · · · · · · · · · · · · ·	lle Marker 64, U.			),	575-88	7-4048
l A		Miles East of Ca	arisbad,	IVIVI			
S C P I	WM-01-035 - New Mexico	20, COMMENTS					
O L S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: 1 Hereb facility is authorized and permitted to receive such wastes.	y certify that the above of	described w	vastes were	delivered to the	is facility, t	hat the
LY	AUTAORIZED SIGNATURE	CELL NO.		DATE		TIN	1E 15
	$M_{\rm b} = M_{\rm b} = M_{\rm$	and committee and	$\alpha = -i  \Delta \Psi \sim \Omega$	2,000	12/12/2019	116	~ " " "

	1300 WEST MAIN ST		ND, LLC 1A CITY, OK 73106 • 1	PHONE (	(405) 236-4	257 🛆 -	-PI	lis
NO	N-HAZARDOUS WASTE MANIF	EST NO	133473	I. PA	.GEOF_	2. TRAII	LER NO.	1-48
G	DGVORPENERGY Corp.	<sup>4</sup> 6488 Seven R	ivers Highway		5. F	PICK-UP DATE	9	and a second and a
E	210NE NO. 575-748-3374 - Albandon III - III	crry Artesia	STATE STATE	88	ZIP 6. T	NRCC I.D. NO	),	
	7. NAME OR DESCRIPTION OF WASTE SHIPPE Non Regulated, Non Hazardous Wast			8. CON No.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	b.							
E	c.	<del></del>				· · · · · · · · · · · · · · · · · · ·		
R	d 40180 37!	520	40880					**************************************
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS #18BATTERY job: 7007842	9701	m 1185	SRD		13. WASTE P	ROFILE NO	
Т	IA. IN CAS	SE OF EMERG PHONE NO 575-887-4048	ENCY OR SPIL	L, CON	TACT	24-HOUR	EMERGEN	VCY NO.
0	15.GENERATOR'S CERTIFICATION: I shipping name and are classified, packed, marked, and international and national government regulations, inc	I labeled and are in al	respects in proper cor	ndition for	r transport l	w highway ace	arding to an	plicable
R	PRINTED/TYPED NAME		SIGNATURE	·			· · · · · · · · · · · · · · · · · · ·	DATE.
T R	16. TRANSPORTER (1)	(NET-SCIENTER) AND LESS SELECTION AND AND AND AND AND AND AND AND AND AN	l 7.	TR	ANSPO	RTER (2)	<del></del>	<del>er en </del>
A	NAME: TALON LPE		NAME:					
N S	TEXAS LD. NO.	AVID ADKINS.	TEXAS I.D. NO.	•	÷			
P	IN CASE OF EMERGENCY CONTACT: (57.5)	441-4835	IN CASE OF EMEI	RGENCY	CONTAC	Γ:		
R T	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of		EMERGENCY PHO 19. TRANSPOR		2): Acknow	vledgment of re	ceipt of ma	terial
E	PRINTED/TYPED NAME TIME SOME	Ho 2	PRINTED/TYPED		,	3	· · ·	
R S	V		2019	1414117	······································			
<del>AT MATTE CONTRACTOR</del>	SIGNATURE	DATE	SIGNATURE	7770000 Walabas	CACCOUNTY OF THE PARTY OF THE P	D.A	ATE.	
D F	Lea Land, LLC		Marker 64, U.S liles East of Car	-		PHONE:	575-887	′-4048
I A S C P I	PERMIT NO. WM-01-035 - New Mexic		20. COMMENTS					
O L S I A T	21.DISPOSAL FACILITY'S CERTIFICA facility is authorized and permitted to receive such was	TION:   Hereby costes.	ertify that the above de	scribed w	astes were	delivered to this	s facility, th	at the
LY	AUTORIZED SIGNATURE	$(\widehat{C}(\widehat{A}))$	CELL NO.		DATE	12/12/2019	TIMI	E. 20

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

					to the contract of the contrac			
	1300 WEST MAIN ST		ND, LLC a city, ok 73106 • 1	PHONE (4	105) 236-4:	<sup>257</sup> G	M	annu
NON	N-HAZARDOUS WASTE MANIF	EST NO	133509	1. PAC	GEOF_	2. TRAIL	ER NO.	29
·G	3. COMPANY NAME Devon Energy Corp.	4. ADDRESS 8488 Seven Ri	vers Highway		5, P	PICK-UP DATE 12/13/201		and the second s
E	PHONE NO. 575-748-3374	CITY Artesia	STATE NM		ZIP 6. T	NRCC I,D. NO	I.	<del></del>
	7. NAME OR DESCRIPTION OF WASTE SHIPPE Non-Regulated, Non Hazardous Wash			8. CONT	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	b.		<b>V</b>					
E	c. Wr.		***************************************		h-m-and An-an-an-an-an-an-an-an-an-an-an-an-an-an			
R	* 38,31D					OWIG D		
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 7007942					13. WASTE PÎ		o. 3580 :
Т	14. IN CA NAME JOE ONTIVEROS	ASE OF EMERG PHONE NO 575-887-4048	EENCY OR SPIL	L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, inc	id labeled, and are in a)	Il respects in proper co	ondition for	r transport l	by highway acco	ording to ap	pplicable
R	PRINTED/TYPED NAME	and the second s	SIGNATURE			<u> </u>		DATE
T	16. TRANSPORTER (1)	PARTITION OF THE PARTIT	17.	TR	ANSPO	RTER (2)	***************************************	The same of the sa
R A	NAME: TALON LPE	1	NAME:					
N	TEXAS I.D. NO.		TEXAS I.D. NO.					
S P O	IN CASE OF EMERGENCY CONTACT:	DAVID ADKINS i) 441-4835	IN CASE OF EME	ERGENCY	CONTAC	T:		
R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment o	·····	EMERGENCY PH 19. TRANSPOI		2): Ackno	wledgment of r	eceipt of m	aterial
T E R	PRINTED/TYPED NAME LANGE 201 SIGNATURE AMY	Garein	PRINTED/TYPED	,	•		Marie Carlos Car	
S	SIGNATURE AMY	DATE 12/13/	SIGNATURE			<u>D</u>	DATE	
	Lea Land, LLC	ADDRESS:	e Marker 64, U.	.S. Hwy	y 62/18	PHONE:	575-88	7-4048
D F I A		30 N	Miles East of Ca	arlsbad,	, NM			
S C P 1	PERMIT NO. WM-01-035 - New Mex	ico	20. COMMENTS					
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC. facility is authorized and permitted to receive such w		ertify that the above d	lescribed w	vastes were	delivered to the	is facility, t	hat the
L Y	AUTHORIZED SIGNATURE	~ / N	CELL NO.		DATE	40/40/004	TIM	4.5D

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

	1300 WEST MAIN ST		LAND, LL HOMA CITY. OK 73		(405) 236-4	257 A -	Pl	150
NON	I-HAZARDOUS WASTE MANIF	EST NO	13351	. <b>0</b> 1. PA	GEOF_	2. TRAIL	ER NO.	1-1002
G	3. COMPANY NAME Devon Energy Corp.	4. ADDRESS 6488 Seve	n Rivers Highwa	3y	5. P	1CK-UP DATE 12/13/201		
E	PHONE NO. 575-748-3371	CITY Artesia	STATE NM	88	ZIP 6. T	NRCC LD. NO	),	
E.	7. NAME OR DESCRIPTION OF WASTE SHIPPE Non-Regulated, Non-Hazardous Wast			8. CON No.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	tb.							
E	c.							
R	39,42D		<u> </u>					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 7007942			***************************************		13. WASTE P		o. 8 <b>580</b> .
т	IA. IN CANAME JOE ONTIVEROS	PHONE NO	ERGENCY OR S	SPILL, CO	NTACT	24-HOUR	EMERGE	NCY NO.
o	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, and ar	e in all respects in pro	per condition f	or transport	by highway acc	ording to a	pplicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T	16. TRANSPORTER (1)		17.	T	RANSPO	RTER (2)		
R A	NAME: TALON LPE	٠.	NAME:					
N S	TEXAS I.D. NO.	AVID ADKII	TEXAS LD.	NO.				
P	I IN CASE OF EMERGENCY CONTACT:	) 441-4835	I IN CASE OF	EMERGENC	Y CONTAC	T:		
O R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment		EMERGENO	***************************************	(2): Ackno	wiedgment of r	eceint of m	atorial
T E	PRINTED/TYPED NAME THIS	91C=						
R S	SIGNATURE V JOBA LAGTES		//13/2019 SIGNATURI	Ē		D	ATE	
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D F	Lea Land, LLC	Į.	Mile Marker 64 30 Miles East c	•	-	0,	575-88	7-4048
I A S C P I	PERMIT NO. WM-01-035 - New Mex	ico	20. COMMEN	TS	*			
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w		reby certify that the a	bove described	wastes wen	e delivered to th	is facility, (	that the
LY	AUTAORIZED SIGNATURE	2007	CELL NO.		DATE	12/13/201	9 \ \rightarrow \( \frac{\tau_1 \tau_2}{\tau_1 \tau_2 \tau_2 \} \)	1E 10

# Received by OCD: 4/14/2020 8:06:10 AM

## LEA LAND DISPOSAL SITE NEW MEXICO

	LEA LA 1300 WEST MAIN STREET • OKLAHOMA	ND, LLC A CITY, OK 73106 • 1	PHONE (405	5) 236-42	57	DI	5
NON	N-HAZARDOUS WASTE MANIFEST NO	133511	1. PAGE	OF	2. TRAIL	ER NO.	7-48
Ġ	COMPANY NAME orp. 46488 Seven Ri	vers Highway	#IREARCOCHERDOOC	5. PI	CK-UP DATE 12/13/201	<del></del>	nesseconomical de la companya de la
ret in a	PHONE NO. 575-748-3371	STATE	8821	0 6. Tr	RCC I.D. NO	,	<del></del>
E	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAI		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#
N	Non-Regulated, Non Hazardous Waste	**************************************	100	**************************************	QOMITTI	170 101.	4701121121
E	b.						
e.	c. WT::						
R	d. 41340 12. COMMENTS OR SPECIAL INSTRUCTIONS:				12 MACUEL DE	MACH IS AL	
A	WEEMS#1 BATTERY job: 70079429704			e sta e l'	13. WASTE PI		o. 3580
T	14. IN CASE OF EMERG NAME PHONE NO JOE ONTIVEROS 575-887-4048		L, CONT	ACT	24-HOUR	EMERGE	NCY NO.
О	15.GENERATOR'S CERTIFICATION: 1 Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable states.	respects in proper con	ndition for tra	ansport b	y highway acco	ording to an	oplicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
T R	16. TRANSPORTER (1)	17.	TRA	NSPOF	RTER (2)	Personal residence de la constante de la const	and the state of t
A N	NAME: TALON LPE	NAME:					
S P	TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT:  DAVID ADKINS	TEXAS I.D. NO. IN CASE OF EME	RGENCY CO	ONTACI	·.		
o	(575) 441-4835 EMERGENCY PHONE:	EMERGENCY PHONE:					
R T	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPOI	RTER (2):	Acknow	ledgment of re	ceipt of ma	aterial
E R	PRINTED/TYPED NAMES TVON SOM GYEZ	PRINTED/TYPED	NAME				************
S	SIGNATURE DATE	SIGNATURE			D/	ATE .	······································
	ADDRESS:	Maul	O II (	~ /1 O A	PHONE:	ETE 00'	7 4040
D F	, , , , , , , , , , , , , , , , , , ,	Marker 64, U.S files East of Ca	-		,	575-887	7-4048
I A S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS					
	21.DISPOSAL FACILITY'S CERTIFICATION: 1 Hereby of facility is authorized and permitted to receive such wastes.	ertify that the above de	escribed wast	tes were o	delivered to this	s facility, th	nat the
L Y	AUTHORIZED SIGNATURE  ONTOLOGICAL  ONTOLogic	CELL NO.		DATE	12/13/2019	l D	15 (5 ),

## Received by OCD: 4/14/2020 8:06:10 AM

## LEA LAND DISPOSAL SITE NEW MEXICO

	1300 WEST MAIN ST		ND, LLC a city, ok 73106 • 1	PHONE (405) 2:	36-4257		Ma	nnU
NOP	N-HAZARĐOUS WASTE MANIF	THE PARTY OF THE P	133548	I. PAGE		2. TRAIL		29
G	3 COMPANY NAME Devon Energy Corp	4 ADDRESS 6488 Seven Riv	vers Highway		5. PICK	2/4/8/28/Fe	}	
 <b>E</b>	975 88-3371 · · · · · · · · · · · · · · · · · · ·	CITY Ariesia	STATE	982 <sup>1</sup> 0	6. TNRC	CC I.D. NO.	<del></del>	P-17-11-00-00-00-00-00-00-00-00-00-00-00-00-
e Signa of a	7. NAME OR DESCRIPTION OF WASTE SHIPPE Non-Regulated, Non-Hazardous Waste	(		8. CONTAINE	1	TOTAL JANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#
N	b.			-				
Е	c.		75					
R	33,080 34/L'	20 E	34,120					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 7007942		-70 10	(K)	13.	WASTE PR	0708 708	
T	14. IN CA	SE OF EMERG 575-887-4048	ENCY OR SPIL	L, CONTAC		24-HOUR I	EMERGET	NCY NO.
o	15.GENERATOR'S CERTIFICATION: Is shipping name and are classified, packed, marked, and international and national government regulations, inc	d labeled, and are in all	ll respects in proper cor	ndition for transp	port by hi	ighway acco	rding to ap	plicable
R	PRINTED/TYPED NAME		SIGNATURE	MARKET AND	<del></del>	Action the Contraction of the Co		DATE
T R	16. TRANSPORTER (1)	Manhanin kandiga dika dikinda dan panjangan pangan pangan pangan pangan pangan pangan pangan pangan pangan pan Pangan pangan panga	17.	TRANS	PORTI	ER (2)	CHICASTO-CONTURE	Charles de missa en la infantación de la Carles
A	NAME: TALON LEE	A. A	NAME:					
N S	TEXAS I.D. NO.	AVID ADKINS	TEXAS I.D. NO.					
P O	IN CASE OF EMERGENCY CONTACT: (575)	) 441-4835	IN CASE OF EMEI	RGENCY CON	TACT:			
R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of		EMERGENCY PHO 19. TRANSPOR		-leandad		-in alm	
T E	11	, i			AHON ICU	gmen or rec	жик от та	Retrai
R	PRINTED/TYPED NAME JUSE M	12/18/	PRINTED/TYPED 2019	NAME				<u></u>
S	SIGNATUREY AMULY	DATE	SIGNATURE		<del></del>	DA'	TE	
		ADDRESS:	androndwise betretteredereder de de en en en en	December on the control of the contr		PHONE:		EMPTORIO MARCOLLO DE PARA DE LA COLLO DE PARA DE C
D F	Lea Land, LLC		Marker 64, U.S	*		5	575-887	7-4048
I A	Toron un vo		Ailes East of Ca	ırlsbad, NM	<u> </u>	Particular (1971)	···	
S C P I O L	WM-01-035 - New Mexi	ico	20. COMMENTS					
S I A T	21.DISPOSAL FACILITY'S CERTIFICATACILITY is authorized and permitted to receive such was		ertify that the above de	escribed wastes v	were deliv	vered to this	facility, th	nat the
LY	AUTHORIZED SIGNATURE	0	CELL NO.	D/	ATE 12/	/16/2019	TM	FU5

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

		1
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (4)	05\ 236 <u>-</u> 4257 - 7	1
1500 WEST WITH STREET SKEWINGER OF IT ONE 15100 THORES	001200-1001	

	1300 WEST MAIN STREET • OKLAHOM	A CITY, OK 73106 • F	PHONE (405) 236	5-4257 A - J	Plus	
NON	J-HAZARDOUS WASTE MANIFEST NO	133549	1. PAGEC	DF2, TRAILEI	NO. A-00	
G	3. COMPANY NAME Devon Energy Corp. 4. ADDRESS 6488 Seven Ri	vers Highway		5. PICK-UP DATE 12/16/2019	·	
887 s		STATE	88210 G	5, TNRCC I.D. NO.		
N	7. NAME OR DESCRIPTION OF WASTE SHIPPED: Non-Regulated, Non Hazardous Waste		8. CONTAINER No. Type		), UNIT 11. TEXAS Vt/Vol. WASTE ID#	
	ь.					
E	c. Wtts-					
R	134,380 34,420 34	1440				
A	12, COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 70079429701	-10 M	05.76	13. WASTE PRO	FILE NO. <b>709580</b>	
Т	IA. IN CASE OF EMERG NAME PHONE NO JOE ONTIVEROS 575-887-4048		L, CONTACT		MERGENCY NO.	
o	15.GENERATOR'S CERTIFICATION: 1 Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable states.	l respects in proper con	ndition for transpo	ort by highway accord	ing to applicable	
R	PRINTED/TYPED NAME	SIGNATURE			DATE	
T R	16. TRANSPORTER (1) NAME: TALON LPE	17.	TRANSF	ORTER (2)		
A N	TEXAS I.D. NO.	NAME: TEXAS I.D. NO.				
S P	IN CASE OF EMERGENCY CONTACT: DAVID ADKINS (575) 441-4935 (575)	IN CASE OF EMERGENCY CONTACT:				
O R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgmon of receipt of material	EMERGENCY PHO 19. TRANSPOI		mowledgment of rece	ipt of material	
T E	PRINTED/TYPED NAME / STAD CANT EE 12/15/	PRINTED/TYPED	NAME			
R S	SIGNATURE Y JUPY ANTE DATE 12/16/	2019 SIGNATURE		DAT	13	
D F	l	Marker 64, U. 1iles East of Ca	•	80, PHONE: 57	75-887-4048	
I A S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS				
O L S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby of facility is authorized and permitted to receive such wastes.	ertify that the above d	escribed wastes w	rere delivered to this f	acility, that the	
L Y	AUTHURIZED SIGNATURE	CELL NO.	DA	TE -12/18/2019	TIME 50	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

## Received by OCD: 4/14/2020 8:06:10 AM

GENERATOR: COPIES 1 & 6

## LEA LAND DISPOSAL SITE NEW MEXICO

	1300 WEST MAIN S		ND, LLC	PHONE (405	) 236-4257	A-	PI	US .
NOI	N-HAZARDOUS WASTE MANIF	EST NO	133550	1. PAGE	OF	2. TRAIL	ER NO.	9-48
G	DSVMP2HENAVE orp.	46488 Seven Ri	vers Highway		5. PIC	12/1/8/2014	9	
T.	PHONE 3371	CITY Artesia	STATE	8821	0 6. TNR	RCC I.D. NO.		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE			8. CONTAI		O. TOTAL UANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#
N	Non-Regulated, Non Hazardous Wasta.	( <del>Q</del>		1.00	SICM X		770 701.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
E	b.							
٠. :	WI:		~					
R	34,140 36,14	40 3	DYU_					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 700794:		TO 1	o53(	(T)	J. WASTE PE		o. 1 <b>580</b> :
		SE OF EMERG	ENCÝ OR SPIL	L, CONT	ACT	*******	****	
Т	JOE ONTIVEROS	PHONE NO 575-887-4048				24-HOUR	EMERGEI	NCY NO.
O	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, ar international and national government regulations, in	id labeled, and are in al	l respects in proper con	ndition for tra	insport by	highway acco	ording to ap	plicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T	16. TRANSPORTER (1)	ACTIVIOCENSIA DI CONTRACTORIO DE ESTADO COMO CONTRACTORIO DE CONTRACTORIO DE CONTRACTORIO DE CONTRACTORIO DE C	17.	TRA	NSPORT	TER (2)		A-6
R A	NAME: TALON LPE		NAME:					
N S	TEXAS LD. NO.	\	TEXAS I.D. NO.					
₽	1 IN CASE OF EMERGENCY CONTACT:	)AVID ADKINS ) 444-4835	IN ÇASE OF EME	RGENCY CO	ONTACT:			
O R	EMERGENCY PHONE: 18. TRANSPORTER (I): Acknowledgment	distriction of the second	EMERGENCY PHO		A almanda	dansani af na		
T E	2 12 1		19. TRANSPOI	(L):	Acknowle	agnient of re	ceipt of m	ateriai
R	PRINTED/TYPED NAME & ALDER	Layake 12/18/	PRINTED/TYPED	NAME				
S	SIGNATURE	DATE	SIGNATURE			D/	\TE	
*******		ADDRESS:	THE RESERVE THE PROPERTY OF THE PERSON OF TH	**************************************	N EMPLOS CONTRACTOS EN	PHONE:	Ostornaranaeko:	2041MK 5770WK557F-06406
D F	Lea Land, LLC	1	Marker 64, U.	•		:	575-88′	7-4048
I A		30 N	Iiles East of Ca	irisbad, N	IM	<u> </u>	**************************************	
S C P I	WM-01-035 - New Mex	tico	20. COMMENTS					TO STATE OF THE ST
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		ertify that the above d	escribed wast	es were de	livered to thi	s facility, tl	hat the
L Y	AUTI ORIZED SIGNATURE	$\wedge$	CELL NO.	<u> </u>	DATE			1E. 00
	1/ north / Mary	1/10			1	2/16/2019	3   10	), [

	1300 WEST MAIN STREET		<b>ND, LLC</b> . CITY, OK 73106 • P	PHONE (4	405) 236-42	57	M	O MM LA
NOP	-HAZARDOUS WASTE MANIFEST	. NO	133603	1. PAG	GEOF_	2, TRAIL	ER NO.	29
G		DRESS 8 Seven Riv	vers Highway		5, P1	CK-UP DATE 12/17/201		
2000 - 21 1870	PHONE NO. CITY	sia -	STATE NM		ZIP 6. TI 210	NRCC I.D. NO	·	
E	7. NAME OR DESCRIPTION OF WASTE SHIPPED:  Nor-Regulated, Wort Hazardous Waste			8. CON No.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#
N					7.16			
E	ь.		<u> </u>			***************************************		
R	W 381,8D 3498	)						
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 70078429701		TO 421	· . / .	~	13. WASTE P		0.   <b>580</b>
A	14. IN CASE C	F EMERG	ENCY OR SPIL	L, CON	VTACT			
T	NAME PHO	NE NO -887-4048	-		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	24-HOUR	EMERGE	NCY NO.
o	15.GENERATOR'S CERTIFICATION: 1 Here shipping name and are classified, packed, marked, and label international and national government regulations, including	ed, and are in all	respects in proper co	ndition fo	r transport l	y highway acc	ording to a	pplicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T	16. TRANSPORTER (1)	IS-COCKEC-ACCE OF CONCERNIZATE	17.	TF	RANSPO	RTER (2)	CHOOCH, DOWN DO RESTRE	
R A	NAME: TALON LPE		NAME:					
N S	TEXAS I.D. NO.		TEXAS I.D. NO.					
P	IN CASE OF EMERGENCY CONTACT: DAVICE (575) 441	ADKINS   -4835	IN CASE OF EME	RGENCY	Y CONTAC	Т:		
O R	EMERGENCY PHONE:		EMERGENCY PH 19. TRANSPOI		(2)			
T	18. TRANSPORTER (1): Acknowledgment of recei	bi or materiat	19. I KARSFOI	KIEK (	ZJ: Ackno	wieuginem of i	eccipi or m	aichai
E R	PRINTED/TYPED NAMEX TOPSIE TO G	20000 12/17/	PRINTED/TYPED	NAME .				taling and the state of the sta
S	SIGNATURE AME DATE	1	SIGNATURE		~~~	D	ATE	
(CARTICIPATION	AE	DRESS:	THE PARTY OF THE P	<del>00122 (42040) H</del>	<u> </u>	PHONE:		
Ð F	Lea Land, LLC		Marker 64, U.		-	),	575-88	7-4048
I A		30 N	files East of Ca	arisbad	l, NM			
S C P I	WM-01-035 - New Mexico		20. COMMENTS					
O L S I A T	21.DISPOSAL FACILITY'S CERTIFICATION facility is authorized and permitted to receive such wastes.	N: 1 Hereby c	ertify that the above d	escribed	wastes were	delivered to th	is facility, t	that the
L Y	AUTHORIZED SIGNATURE	7	CELL NO.	······································	DATE	12/17/201		WE 30

	LEA LA 1300 WEST MAIN STREET • OKLAHOMA	ND, LLC A CITY, OK 73106 • P	HONE (405	i) 236-42:	57	$\sim$	0 0 0 1
NON	-HAZARDOUS WASTE MANIFEST NO	133648	1. PAGE	OF_	_ 2. TRAIL	ER NO.	29
G	3. COMPANY NAME Devan Energy Corp.  4. ADDRESS 6488 Seven Riv			5. PI	CK-UP DATE 12/19/201	9	and the second s
167	PHONE NO. 575-748-3371 The CITY Artesia	STATE NIVI	8821	0 6. Th	NRCC I.D. NO		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPED: Non-Regulated, Non Hazardous Waste		8. CONTAI		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	II. TEXAS WASTE ID#
N	b. 2162.00						
E	34,320						
R	37320 4298D	384/1	7		**************************************		
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS#1BATTERY_job: 70079429701	70 152	\\ \D\\ \\ \\ \D\\ \\ \\ \\ \\ \\ \\ \\	7	13. WASTE P		o. 1580
Т.	IN CASE OF EMERG NAME JOE ONTIVEROS PHONE NO 575-987-4048	ENCY OR SPILI	L, CONT.	ACT	24-HOUR	EMERGE	NCY NO.
o	15.GENERATOR'S CERTIFICATION: 1 Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable star	I respects in proper con	idition for tr	ansport b	y highway acc	ording to ap	opticable `
R	PRINTED/TYPED NAME	SIGNATURE					DATE
T R	16. TRANSPORTER (1) NAME: TALON LPE	17.	TRA	NSPOI	RTER (2)	<del>*************</del>	
A N	NAME: LALOW LTTE TEXAS I.D. NO.	NAME: TEXAS LD. NO.					
S P	IN CASE OF EMERGENCY CONTACT: DAVID ADKINS: (575) 444-4835	IN CASE OF EMEI	RGENCY C	ONTACT	Γ:		
O R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of receipt of material	EMERGENCY PHO 19. TRANSPOR		• Acknow	eledoment of r	eceint of m	aterial
T E R	PRINTED/TYPED NAME LAOSE on GOYCIC	PRINTED/TYPED	, ,	¥ 110A/21(VIII			
S	signature AMMq DATE	ZU18 SIGNATURE			D	ATE	
	i <b>'</b>	Marker 64, U.S	-		PHONE:	575-88	7-4048
D F I A		files East of Ca	rlsbad, N	<u>IM</u>			
S C P I O L	WM-01-035 - New Mexico	20. COMMEN'TS					
S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: 1 Hereby c facility is authorized and permitted to receive such wastes.	ertify that the above de	escribed was	stes were	delivered to th	is facility, t	hat the
LY	AUNIORIZED SIGNATURE	CELL NO.		DATE	12/18/201	e (	5.35

	1300 WEST MAIN ST	LEA LA	•	PHONE (40.	5) 236-42:	57	$\Omega$	annu
NON	-HAZARDOUS WASTE MANIF	EST NO	133692	1. PAGE	OF	2. TRAIL	ER NO.	2010
G	3. COMPANY NAME Devon Energy Corp	4. ADDRESS 6488 Seven Ri	vers Highway		5. PI	CK-UP DATE 12/20/2019	9	
E	PHONE NO. 575-748-3371	CITY Artesia	STATE NM	882'	P 6. TN	RCC I.D. NO.		
N	7. NAME OR DESCRIPTION OF WASTE SHIPPE Non-Regulated, Non Hazardous Wast a.	1		8. CONTA		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#
E	b. c.							
R	MT: 33,54D 394	120						
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: WEEMS # 1 BATTERY job: 700784		TO 720	180		13. WASTE PI		o. 1580
Т	14. IN CASE OF EMERGENCY OR SPILL, CONTACT  NAME PHONE NO 24-HOUR EMERGENCY NO. 575-887-4048  24-HOUR EMERGENCY NO. 24-HOUR EMERGENC							
О	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	id labeled, and are in al	I respects in proper co.	ndition for t	ransport b	y highway acco	ording to an	oplicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T R	16. TRANSPORTER (1)		17.	TRA	NSPOI	RTER (2)		
Α	NAME: TALON LPE		NAME;		•			
N S	TEXAS I.D. NO.	DAVID ADKINS	TEXAS I.D. NO.					
P O R	EMERGENCY PHONE:	) 441-4835	EMERGENCY PH	CASE OF EMERGENCY CONTACT: ERGENCY PHONE:				
T E	18. TRANSPORTER (1): Acknowledgment		19. TRANSPOI			J	eceipt of m	aterial
R S	SIGNATURE V Anne	9000000 12/20/ DATE	PRINTED/TYPED  2019 SIGNATURE				ATE	
		ADDRESS:		4		PHONE:		
D F	Lea Land, LLC	1	e Marker 64, U. Ailes East of Ca	-		),	575-88	7-4048
I A S C P I O L	PERMIT NO. WM-01-035 - New Mex	кico	20. COMMENTS					
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such		certify that the above d	lescribed wa	istes were	delivered to th	is facility, t	hat the
L Y	AUTAORIZED SIGNATURE	On7a (47	CELL NO.		DATE	12/20/2010	∃ (	1.55

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 <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ⊠ No
Attach a comprehensive report (electronic submittals in .ndf format are preferred) demonstrating the lateral and ver	tical aveants of soil

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

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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: 70m Bynum Date: 4/6/2020			
email: tom.bynum@dvn.com Telephone: 575-748-0176			
OCD Only	_		
Received by: Date:			

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## **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.			
<ul> <li>☑ Detailed description of proposed remediation technique</li> <li>☑ Scaled sitemap with GPS coordinates showing delineation poir</li> <li>☑ Estimated volume of material to be remediated</li> <li>☑ Closure criteria is to Table 1 specifications subject to 19.15.29</li> <li>☑ Proposed schedule for remediation (note if remediation plan tires)</li> </ul>	12(C)(4) NMAC		
Deferral Requests Only: Each of the following items must be co	nfirmed 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 healt	h, 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	Approval Denied Deferral Approved		
Signature:	Date:		

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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 clasure report		
Ciosure report Attachment Checkist. Each of the Jouowing dems must be	тешиси т те сизиге героп.		
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	ce 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 and regulations all operators are required to report and/or file certain release notify may endanger public health or the environment. The acceptance of a C-141 report should their operations have failed to adequately investigate and remediate contain human health or the environment. In addition, OCD acceptance of a C-141 report compliance with any other federal, state, or local laws and/or regulations. The restore, reclaim, and re-vegetate the impacted surface area to the conditions that accordance with 19.15.29.13 NMAC including notification to the OCD when recompliance.  Printed Name: Tom Bynum Title:  Signature: Tom Bynum Date:  Telephone:	rications and perform corrective actions for releases which ret by the OCD does not relieve the operator of liability mination that pose a threat to groundwater, surface water, at does not relieve the operator of responsibility for sponsible party acknowledges they must substantially existed prior to the release or their final land use in lamation and re-vegetation are complete.  EHS Consultant		
OCD Only			
Received by: Date	:		
Closure approval by the OCD does not relieve the responsible party of liability sh remediate contamination that poses a threat to groundwater, surface water, human party of compliance with any other federal, state, or local laws and/or regulations	health, or the environment nor does not relieve the responsible		
Closure Approved by: Da	tte:		
Printed Name: Ti	tle:		