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## Closure Report

Mitchell SWD #2  
Eddy County, New Mexico  
API ID # 30-015-22242  
**Incident #** nKMW0800235934, nSEB0813056099,  
nSEB0826247749, nAB1526132368, nAB1529255081

## Prepared For:

EOG Resources  
104 S. 4<sup>th</sup> St.  
Artesia, NM 88210

## Prepared By:

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

**June 28, 2023**

**NMOCD**

506 W. Texas Ave  
Artesia, NM 88210

Subject: **Closure Report**  
Mitchell SWD # 2  
Eddy County, New Mexico  
API # 30-015-22242  
Incident # nKMW0800235934, nSEB0813056099, nSEB0826247749,  
nAB1526132368, nAB1529255081

To Whom It May Concern,

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

### Site Information

The Mitchell SWD # 2 is located approximately 3.2 miles southwest of Artesia, New Mexico. The legal location for this release is Unit Letter I, Section 23, Township 17 South and Range 25 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.8191147 and -104.4493332. A Site Location Map is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is comprised of Pima silt loam with, 0 to 1 percent slopes. The referenced soil data is presented in [Appendix II](#). Per the New Mexico Bureau of Geology and Mineral Resources, the local geology consists of Piedmont alluvial deposits (Holocene to lower Pleistocene) Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits the Older alluvial deposits of upland plains and piedmont areas, and calcic soils and eolian cover sediments of High Plains region.

### Groundwater and Site Characterization

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 0.03 miles from the site and is recorded at 105 feet below ground surface (bgs). Further research of the Bureau of Land Management Karst data indicates that this site is situated within a low potential Karst area. The FEMA data base locates the site in a minimal flood hazard zone.

**Approximate Depth to Groundwater 105 feet bgs**

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

New Mexico Oil Conservation Division’s (NMOCD) criteria stated from the work order must adhere to the following conditions stated from the approved work plan. The following conditions are listed in the table below.

Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
< 100'	Total Chlorides	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

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### Incident Description

nKMW0800235934 - On August 23, 2007, a break in pipe connection on produced water tank, inside of berm. Approximately 5 barrels bbls. of produced water was released with 3 bbls recovered.

nSEB0813056099 - On April 19, 2008, a blown power pole fuse on transfer pump caused release from produced water tank. Approximately 5 barrels bbls. of crude oil was released with 0 bbls. recovered and 8 barrels bbls. of produced water was released with 0 bbls. recovered.

nSEB0826247749 - On September 3, 2008, an equipment failure caused the release of approximately 3 barrels bbls. of crude oil was released with 3 bbls. recovered and 60 barrels bbls. of produced water was released with 52 bbls. recovered.

nAB1526132368 - On July 27, 2015, a Nipple on well head failed, causing the release caused the release of approximately 5 barrels bbls. of produced water was released with 0 bbls. recovered.

nAB1529255081 - On September 23, 2015, Lightning struck the produced water tank which resulted in a fire, causing the release. Approximately 15 barrels bbls. of produced water was released with 14 bbls. recovered.

### Remedial Actions

On March 22, 2023, upon client authorization, Talon personnel and equipment mobilized to the site to begin excavating of the impacted area with backhoe and excavator. The majority of impacted soils were excavated to 4.5 feet bgs and areas around the original tank battery location were excavated to 18 bgs feet. Sidewalls were guided by titration to their final excavations as indicated by the locations shown on Figure 1, Confirmation map ([Appendix I](#)) and the analytical results from those efforts presented in table 1. All soil samples were properly collected, preserved and, transported to Cardinal Analytical for analysis of Total Chlorides (SM4500CL-B), Total Petroleum Hydrocarbons (TPH, EPA Method 8015B NM) and Volatile Organics (BTEX, EPA Method 8021B). The soil sample results from the laboratory are tabulated below in table 1 confirmations samples.



Table 1  
Confirmation Samples

Mitchell SWD #2									
Sample ID	Sample Date	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			10 mg/kg	50 mg/kg	DRO + GRO combined = 1,000 mg/kg			2,500 mg/kg	20,000 mg/kg
C-1	6/7/23	4.5'	ND	ND	ND	ND	ND	0	2200
C-2	6/7/23	4.5'	ND	ND	ND	ND	ND	0	2560
C-3	6/7/23	4.5'	ND	ND	ND	ND	ND	0	2280
C-4	6/7/23	4.5'	ND	ND	ND	ND	ND	0	1440
C-5	6/7/23	4.5'	ND	ND	ND	ND	ND	0	1570
C-6	6/7/23	4.5'	ND	ND	ND	21.7	11.5	33.2	1920
C-7	6/7/23	4.5'	ND	ND	ND	ND	ND	0	2240
C-8	6/7/23	4.5'	ND	ND	ND	ND	ND	0	400
C-9	6/7/23	4.5'	ND	ND	ND	ND	ND	0	1230
C-10	6/7/23	4.5'	ND	ND	ND	ND	ND	0	2560
C-11	6/7/23	4.5'	ND	ND	ND	ND	ND	0	1960
C-12	6/7/23	4.5'	ND	ND	ND	47.8	48.4	96.2	3760
C-13	6/7/23	4.5'	ND	ND	ND	ND	ND	0	736
C-14	6/7/23	4.5'	ND	ND	ND	28.2	10.6	38.8	6160
C-15	6/7/23	4.5'	ND	ND	ND	130	42.6	172.6	1490
C-16	6/7/23	4.5'	ND	ND	ND	341	122	463	3840
C-17	6/7/23	4.5'	ND	ND	ND	336	124	460	6160
C-18	6/7/23	4.5'	ND	ND	ND	67.2	18.9	86.1	760
C-19	6/7/23	4.5'	ND	ND	ND	ND	ND	0	1720
C-20	6/7/23	4.5'	ND	ND	ND	ND	ND	0	1800
C-21	6/7/23	4.5'	ND	ND	ND	907	333	1240	4440
C-22	6/7/23	4.5'	ND	ND	ND	138	42.9	180.9	3160
C-23	6/7/23	4.5'	ND	ND	ND	333	109	442	5120
C-24	6/7/23	4.5'	ND	ND	ND	389	159	548	4960
C-25	6/7/23	4.5'	ND	ND	ND	123	41.8	164.8	6720
C-26	6/7/23	4.5'	ND	ND	ND	107	49.6	156.6	3280
C-27	6/14/23	18'	ND	ND	ND	64.1	17.6	81.7	2000
C28SW	6/14/23	0-18'	ND	ND	ND	161	55.6	216.6	2200
C-29	6/14/23	18'	ND	ND	ND	4170	1420	5590	3360
	6/23/23	18'	ND	ND	ND	54.2	ND	54.2	1570
C30SW	6/14/23	0-18'	ND	ND	ND	1010	313	1323	4520
	6/23/23	0-18'	ND	ND	ND	ND	ND	0	2320
C-31	6/7/23	4.5'	ND	ND	ND	169	34.2	203.2	8240

C-32	6/7/23	4.5'	ND	ND	ND	1170	328	1498	5280
	6/29/23	4.5	ND	ND	ND	ND	ND	ND	1420
C33SW	6/14/23	0-18'	ND	ND	ND	ND	ND	0	4000
C-34	6/14/23	18'	ND	ND	ND	83.2	20.6	103.8	6240
C-35	6/14/23	18'	ND	ND	ND	223	55.1	278.1	4160
C36SW	6/14/23	0-18'	ND	ND	17.6	1070	335	1422	3600
	6/23/23	0-18'	ND	ND	ND	14.8	ND	14.8	4920
C-37	6/7/23	4.5'	ND	ND	ND	87.2	20.6	107.8	4080
C-38	6/7/23	4.5'	ND	ND	ND	23.8	ND	23.8	9860
C39SW	6/7/23	0-18'	ND	ND	ND	437	200	637	4640
C40SW	6/7/23	0-18'	ND	ND	ND	8480	3330	11810	4880
	6/20/23	0-18'	ND	ND	ND	13.5	13.3	26.8	560
C-41	6/7/23	4.5'	ND	ND	ND	301	117	418	4080
C-42	6/7/23	4.5'	ND	ND	ND	179	74.4	253.4	2680
C-43	6/7/23	4.5'	ND	ND	ND	446	205	651	4960
C-44	6/7/23	4.5'	ND	ND	ND	ND	ND	0	6240
C-45	6/7/23	4.5'	ND	ND	ND	349	142	491	32400
	6/20/23	6'	ND	ND	ND	ND	ND	0	1090
C-46	6/7/23	4.5'	ND	ND	ND	ND	ND	0	14000
C-47	6/7/23	4.5'	ND	ND	ND	ND	15.9	15.9	5760
C-48	6/7/23	4.5'	ND	ND	ND	149	52.7	201.7	4320
C-49	6/7/23	4.5'	ND	ND	ND	ND	ND	0	2040
C-50	6/7/23	4.5'	ND	ND	ND	ND	ND	0	1800
SW-1	6/7/23	0-4'	ND	ND	ND	ND	ND	0	128
SW-2	6/7/23	0-4'	ND	ND	ND	ND	ND	0	848
	6/14/23	0-4'	ND	ND	ND	ND	ND	0	320
SW-3	6/7/23	0-4'	ND	ND	ND	ND	ND	0	128
SW-4	6/7/23	0-4'	ND	ND	ND	ND	ND	0	128
SW-5	6/7/23	0-4'	ND	ND	ND	ND	ND	0	432
SW-6	6/7/23	0-4'	ND	ND	ND	ND	ND	0	384
SW-7	6/7/23	0-4'	ND	ND	ND	ND	ND	0	368
SW-8	6/7/23	0-4'	ND	ND	ND	ND	ND	0	112
SW-9	6/7/23	0-4'	ND	ND	ND	ND	ND	0	144
SW-10	6/7/23	0-4'	ND	ND	ND	ND	ND	0	320
SW-11	6/7/23	0-4'	ND	ND	ND	ND	ND	0	240
SW-12	6/7/23	0-4'	ND	ND	ND	ND	ND	0	64

## NOTES:

BGS Below ground surface  
mg/kg Milligrams per kilogram  
TPH Total Petroleum Hydrocarbons

Highlighted cells indicate exceedance of NMOCD Table 1 Closure Criteria

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<b>GRO</b>	Gasoline range organics
<b>DRO</b>	Diesel range organics
<b>MRO</b>	Motor oil range organics
<b>S</b>	Sample
<b>C</b>	Confirmation Sample
<b>SW</b>	Sidewall Sample
<b>TT</b>	Test Trench
<b>R</b>	Refusal
<b>ND</b>	Analyte Not De- tected
	Analyte Not
<b>NT</b>	Tested

### Excavation Summary

On June 7, 2023, Talon personnel return to location and collected confirmation samples. All soil samples were properly collected and preserved for transport to Cardinal Laboratories for analysis. The soil sample results from the laboratory are tabulated above in Table 1. Confirmation sample locations are illustrated on Figure 1, [Appendix I](#).

On June 14, 2023, talon personnel return to begin excavation around the old tank battery. Excavations reached a depth of 18 feet bgs to remove all containmates. Samples C-28, C-30, C-33, C-36, C-39, and C-40 were orginally going to be floor samples, but due to finding additional contaminates in that area they were converted into sidewall samples to keep cronological order. An SW was placed next to those samples to indicate a side wall. The soil sample results from the laboratory are tabulated above in Table 1. Confirmation sample locations are illustrated on Figure 1, [Appendix I](#).

On June 20, 23 and, 29, 2023, based on the laboratory results, Talon personnel return to location and collected additional samples confirmation samples at C-29, C-30SW, C-32, C-36SW, C-40SW and C-45. All soil samples were properly collected and preserved for transport to Cardinal Laboratories for analysis. The soil sample results from the laboratory are tabulated above in Table 1. Confirmation sample locations are illustrated on Figure 1, [Appendix I](#).

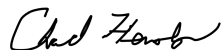
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### Closure

On behalf of EOG Resources, we respectfully request that no further actions be required and that closure of this incident be granted.

Respectfully submitted,

Talon/LPE



Chad Hensley  
Project Manager

#### Attachments:

- Appendix I Site Maps
- Appendix II Groundwater Data, Soil Survey, FEMA Flood Map
- Appendix III C-141 Forms, NMOCD Correspondence
- Appendix IV Photographic Documentation
- Appendix V Laboratory Reports



## Appendix I

### Site Maps





Image Source: Google Earth Pro

Maxar, Microsoft

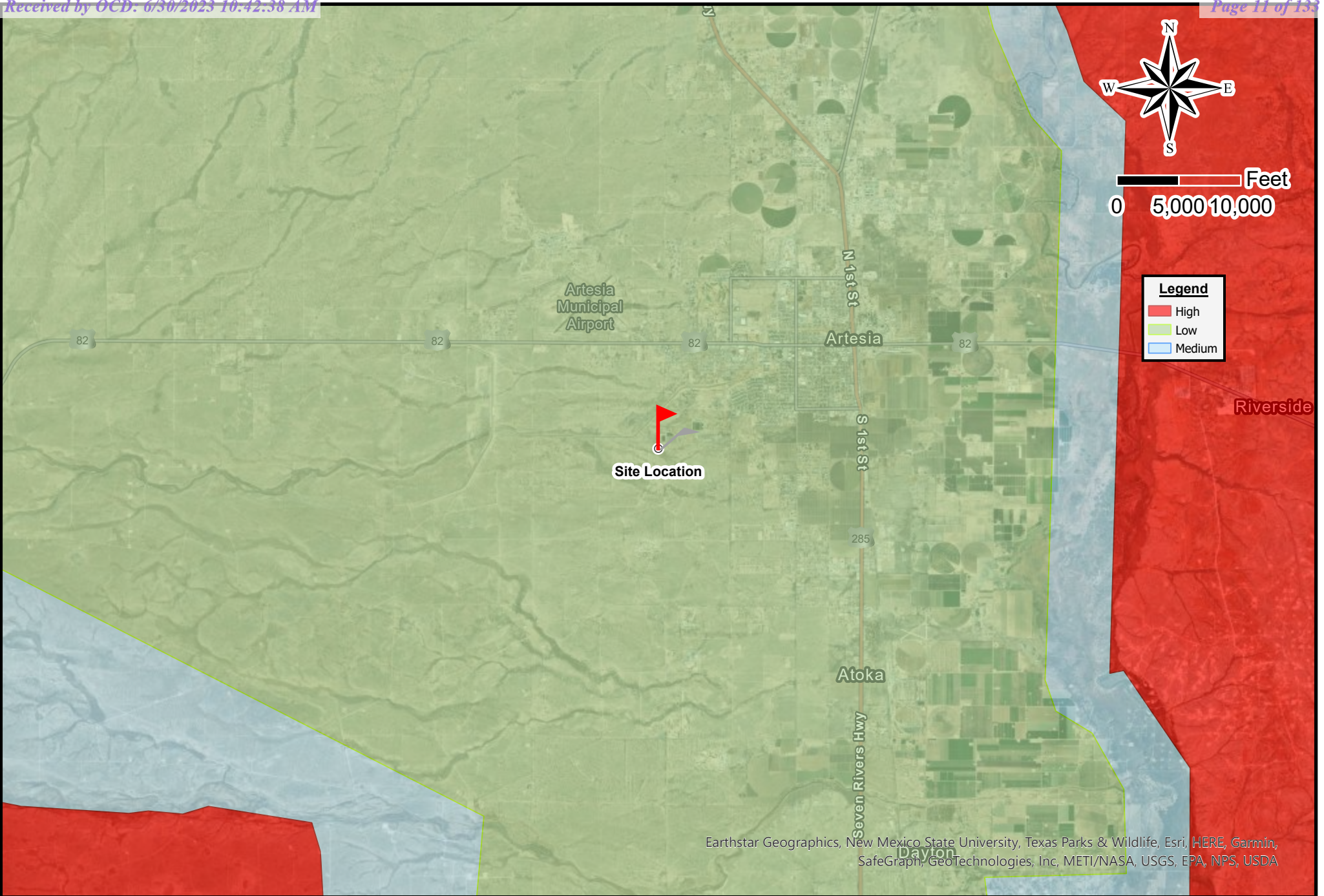


Drafted: 6/26/2023  
 1 in = 50 ft  
 Drafted By: IJR

Figure 1

EOG  
 Mitchell SWD #2  
 Eddy County, NM  
 Confirmation Map





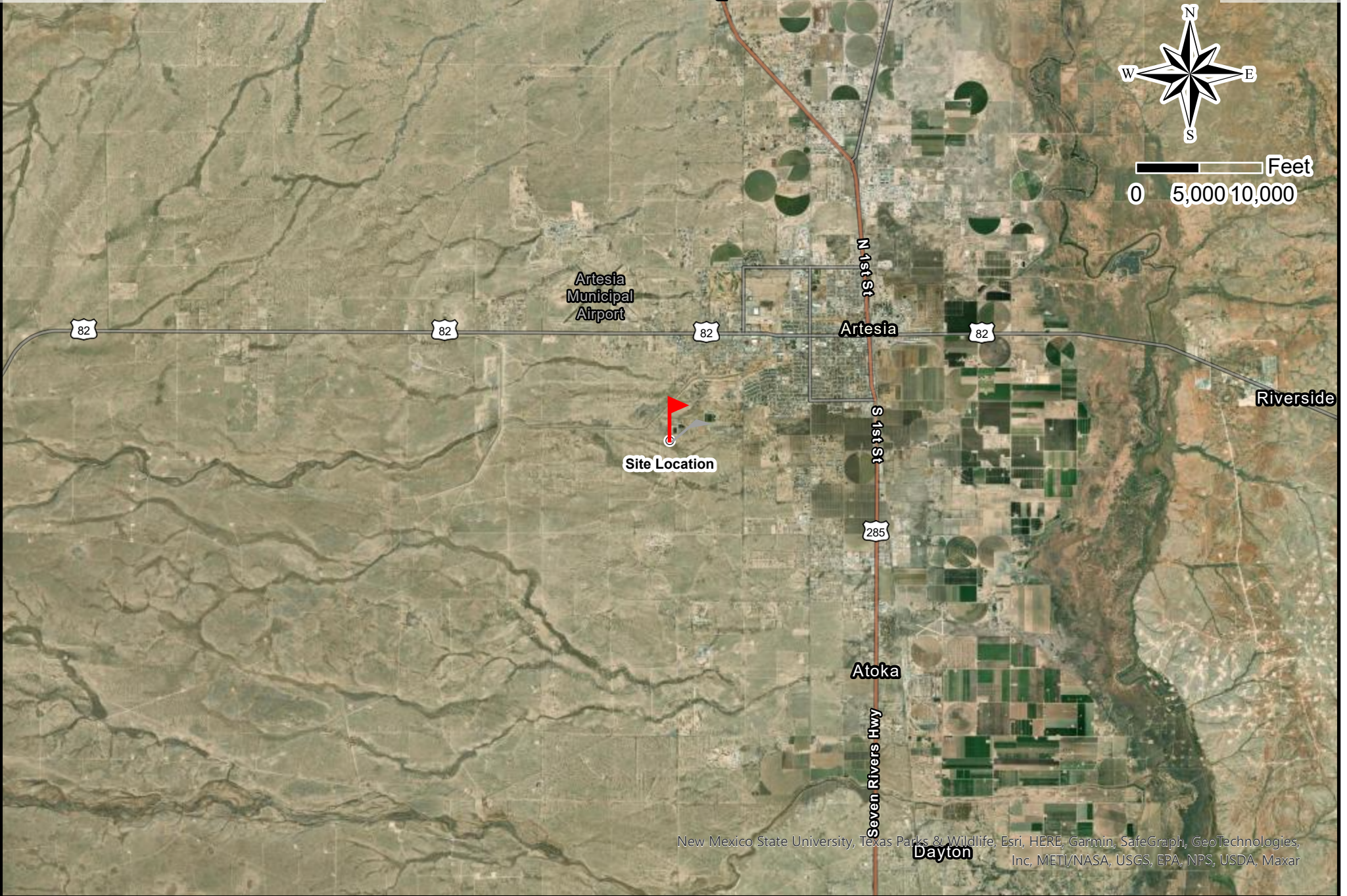
Earthstar Geographics, New Mexico State University, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA



Drafted: 6/26/2023  
 1 in = 10,000 ft  
 Drafted By: IJR

EOG  
 Mitchell SWD #2  
 Eddy County, NM  
 Karst Map





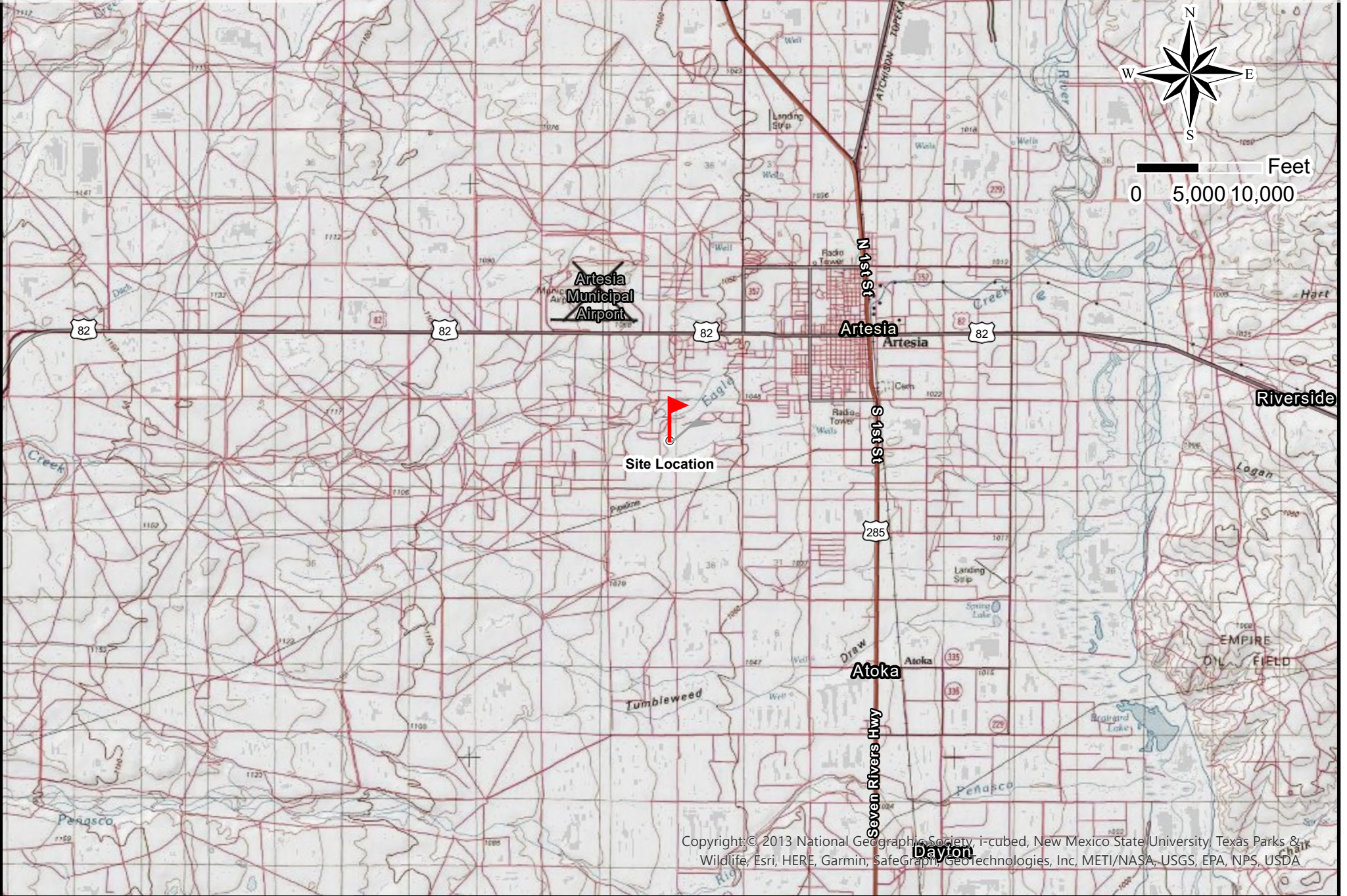
New Mexico State University, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar



Drafted: 6/26/2023  
 1 in = 10,000 ft  
 Drafted By: IJR

EOG  
 Mitchell SWD #2  
 Eddy County, NM  
 Location Map





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Drafted: 6/26/2023  
 1 in = 10,000 ft  
 Drafted By: IJR

EOG  
 Mitchell SWD #2  
 Eddy County, NM  
 Topographic Map





## **Appendix II**

Groundwater Data

Soil Survey

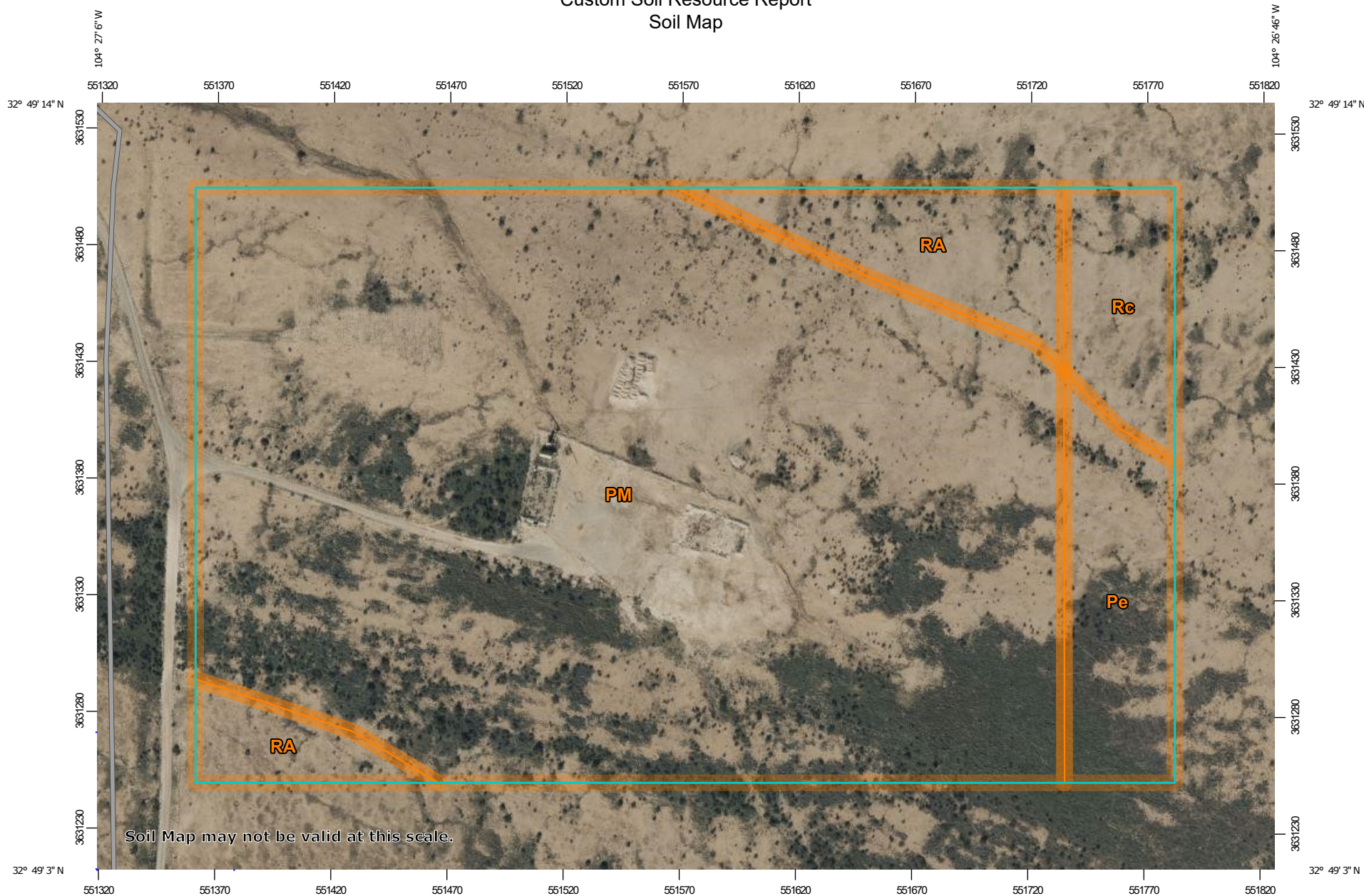
FEMA Flood Map

## Soil Map

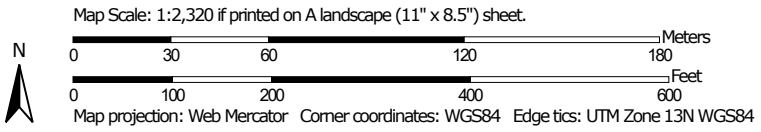
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The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

### Custom Soil Resource Report Soil Map




Soil Map may not be valid at this scale.



Custom Soil Resource Report


**MAP LEGEND**

**Area of Interest (AOI)**

 Area of Interest (AOI)




















**Soils**







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

**Special Point Features**






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


**Water Features**

 Streams and Canals

**Transportation**

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

**Background**

 Aerial Photography

**MAP INFORMATION**

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico  
 Survey Area Data: Version 18, Sep 8, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Custom Soil Resource Report

**Eddy Area, New Mexico****Pe—Pima silt loam, 0 to 1 percent slopes****Map Unit Setting**

*National map unit symbol:* 1w58  
*Elevation:* 600 to 4,200 feet  
*Mean annual precipitation:* 8 to 25 inches  
*Mean annual air temperature:* 60 to 70 degrees F  
*Frost-free period:* 195 to 290 days  
*Farmland classification:* Prime farmland if irrigated

**Map Unit Composition**

*Pima and similar soils:* 98 percent  
*Minor components:* 2 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

**Description of Pima****Setting**

*Landform:* Flood plains, alluvial flats, alluvial fans  
*Landform position (three-dimensional):* Talf, rise  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear, convex  
*Parent material:* Alluvium

**Typical profile**

*H1 - 0 to 3 inches:* silt loam  
*H2 - 3 to 60 inches:* silty clay loam

**Properties and qualities**

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high (0.20 to 0.60 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* RareNone  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 15 percent  
*Maximum salinity:* Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* High (about 11.9 inches)

**Interpretive groups**

*Land capability classification (irrigated):* 1  
*Land capability classification (nonirrigated):* 7c  
*Hydrologic Soil Group:* C  
*Ecological site:* R070BC017NM - Bottomland  
*Hydric soil rating:* No

**Minor Components****Reagan**

*Percent of map unit:* 1 percent



## Custom Soil Resource Report

*Ecological site:* R070BC007NM - Loamy

*Hydric soil rating:* No

**Dev**

*Percent of map unit:* 1 percent

*Ecological site:* R070BC017NM - Bottomland

*Hydric soil rating:* No

**PM—Pima silt loam, 0 to 1 percent slopes****Map Unit Setting**

*National map unit symbol:* 1w56

*Elevation:* 600 to 4,200 feet

*Mean annual precipitation:* 8 to 25 inches

*Mean annual air temperature:* 60 to 70 degrees F

*Frost-free period:* 195 to 290 days

*Farmland classification:* Farmland of statewide importance

**Map Unit Composition**

*Pima and similar soils:* 98 percent

*Minor components:* 2 percent

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

**Description of Pima****Setting**

*Landform:* Flood plains, alluvial flats, alluvial fans

*Landform position (three-dimensional):* Talf, rise

*Down-slope shape:* Convex, linear

*Across-slope shape:* Linear, convex

*Parent material:* Alluvium

**Typical profile**

*H1 - 0 to 3 inches:* silt loam

*H2 - 3 to 60 inches:* silty clay loam

**Properties and qualities**

*Slope:* 0 to 1 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Medium

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high (0.20 to 0.60 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* RareNone

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 15 percent

*Maximum salinity:* Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* High (about 11.9 inches)

## Custom Soil Resource Report

**Interpretive groups**

*Land capability classification (irrigated): 1*  
*Land capability classification (nonirrigated): 7c*  
*Hydrologic Soil Group: C*  
*Ecological site: R070BC017NM - Bottomland*  
*Hydric soil rating: No*

**Minor Components****Reagan**

*Percent of map unit: 1 percent*  
*Ecological site: R070BC007NM - Loamy*  
*Hydric soil rating: No*

**Dev**

*Percent of map unit: 1 percent*  
*Ecological site: R070BC017NM - Bottomland*  
*Hydric soil rating: No*

**RA—Reagan loam, 0 to 3 percent slopes****Map Unit Setting**

*National map unit symbol: 1w5c*  
*Elevation: 1,100 to 4,400 feet*  
*Mean annual precipitation: 7 to 14 inches*  
*Mean annual air temperature: 60 to 70 degrees F*  
*Frost-free period: 200 to 240 days*  
*Farmland classification: Farmland of statewide importance*

**Map Unit Composition**

*Reagan and similar soils: 98 percent*  
*Minor components: 2 percent*  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

**Description of Reagan****Setting**

*Landform: Fan remnants, alluvial fans*  
*Landform position (three-dimensional): Rise*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Linear*  
*Parent material: Alluvium and/or eolian deposits*

**Typical profile**

*H1 - 0 to 8 inches: loam*  
*H2 - 8 to 60 inches: loam*

**Properties and qualities**

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: More than 80 inches*  
*Drainage class: Well drained*

## Custom Soil Resource Report

*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 content:* 40 percent

*Maximum salinity:* Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.2 inches)

**Interpretive groups**

*Land capability classification (irrigated):* 2e

*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* B

*Ecological site:* R070BC007NM - Loamy

*Hydric soil rating:* No

**Minor Components****Atoka**

*Percent of map unit:* 1 percent

*Ecological site:* R070BC007NM - Loamy

*Hydric soil rating:* No

**Upton**

*Percent of map unit:* 1 percent

*Ecological site:* R070BC025NM - Shallow

*Hydric soil rating:* No

**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:* 97 percent

*Minor components:* 3 percent

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

**Description of Reagan****Setting**

*Landform:* Fan remnants, alluvial fans

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Convex, linear

## Custom Soil Resource Report

*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  
*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 content:* 40 percent  
*Maximum salinity:* Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Moderate (about 8.2 inches)

### Interpretive groups

*Land capability classification (irrigated):* 2e  
*Land capability classification (nonirrigated):* 6c  
*Hydrologic Soil Group:* B  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

### Minor Components

#### Reagan

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### Upton

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC025NM - Shallow  
*Hydric soil rating:* No

#### Reeves

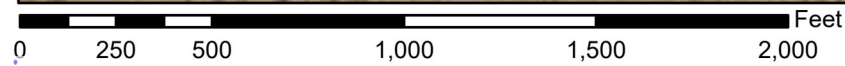
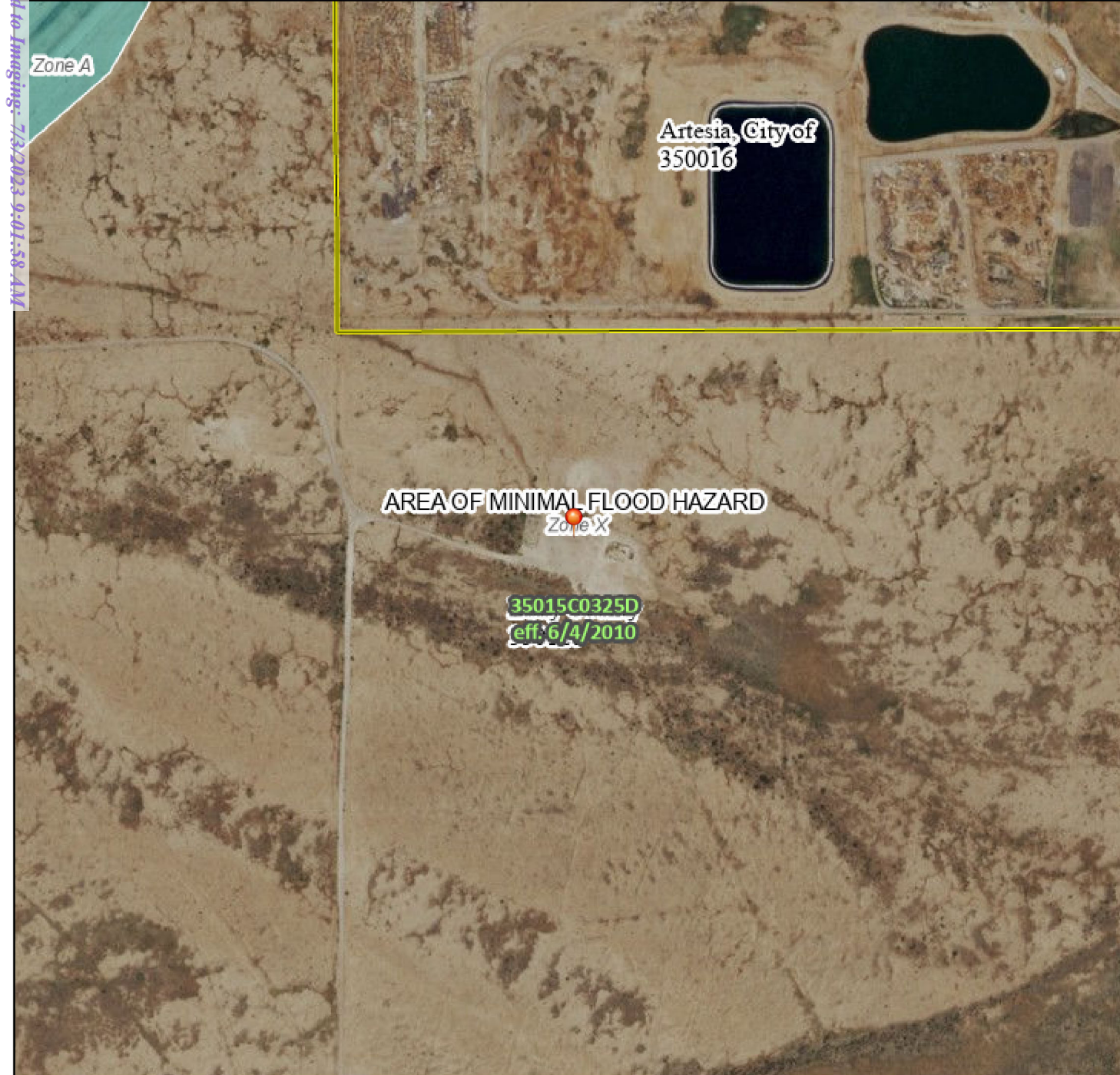
*Percent of map unit:* 1 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No



# National Flood Hazard Layer FIRMette



104°27'16"W 32°49'24"N



1:6,000

104°26'39"W 32°48'54"N

Basemap Imagery Source: USGS National Map 2023

### Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone B</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **6/28/2023 at 10:34 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Retrieved to Imagery: 7/3/2023 9:01:58 AM

Received by OCD: 6/28/2023 10:42:38 AM

Page 23 of 133



## Appendix III

C-141 Forms

NMOCD Correspondence

Incident ID	nAB1526132368
District RP	
Facility ID	
Application ID	

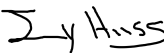
## Closure

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

**Closure Report Attachment Checklist: Each of the following items must be included in the closure report.**

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

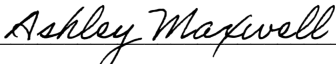
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public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

Printed Name: Jerme y Haass Title: Sr. Safety & Enviromental Specialist  
 Signature:  Date: 6/30/2023  
 email: jeremy\_Haass@eogresources.com Telephone: 575-748-4311

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by:  Date: 7/03/2023  
 Printed Name: Ashley Maxwell Title: Environmental Specialist



Incident ID	nAB1529255081
District RP	
Facility ID	
Application ID	

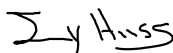
## Closure

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- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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Printed Name: Jerme y Haass Title: Sr. Safety & Enviromental Specialist  
 Signature:  Date: 6/30/2023  
 email: jeremy\_Haass@eogresources.com Telephone: 575-748-4311

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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Closure Approved by:  Date: 7/03/2023  
 Printed Name: Ashley Maxwell Title: Environmental Specialist

Incident ID	nKMW0800235934
District RP	
Facility ID	
Application ID	

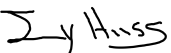
## Closure

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Printed Name: Jermey Haass Title: Sr. Safety & Enviromental Specialist  
 Signature:  Date: 6/30/2023  
 email: jeremy\_Haass@eogresources.com Telephone: 575-748-4311

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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Closure Approved by:  Date: 7/03/2023  
 Printed Name: Ashley Maxwell Title: Environmental Specialist

Incident ID	nSEB0813056099
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.

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- Description of remediation activities

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Printed Name: Jerme y Haass Title: Sr. Safety & Enviromental Specialist  
 Signature: *Jerme y Haass* Date: 6/30/2023  
 email: jeremy\_Haass@eogresources.com Telephone: 575-748-4311

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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Closure Approved by: *Ashley Maxwell* Date: 7/03/2023  
 Printed Name: Ashley Maxwell Title: Environmental Specialist

Incident ID	nSEB0826247749
District RP	
Facility ID	
Application ID	

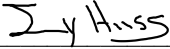
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Printed Name: JermeY Haass Title: Sr. Safety & Environmental Specialist  
 Signature:  Date: 6/30/2023  
 email: jeremy\_Haass@eogresources.com Telephone: 575-748-4311

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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Closure Approved by:  Date: 7/03/2023  
 Printed Name: Ashley Maxwell Title: Environmental Specialist

**From:** [Hamlet, Robert, EMNRD](#)  
**To:** [Chad Hensley](#)  
**Cc:** [Jeremy\\_Haass@eogresources.com](mailto:Jeremy_Haass@eogresources.com); [Chase Settle](#); [David J. Adkins](#)  
**Subject:** RE: [EXTERNAL] Variance Request for NSEB0826247749  
**Date:** Monday, May 8, 2023 7:53:29 AM  
**Attachments:** [image002.png](#)  
[image003.png](#)

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

Chad,

A variance is approved for collecting 5-point composite confirmation samples to represent each 500 square foot area. Please include this e-mail correspondence in the remediation and/or closure report.

**Robert Hamlet** • Environmental Specialist - Advanced  
Environmental Bureau  
EMNRD - Oil Conservation Division  
506 W. Texas Ave. | Artesia, NM 88210  
575.909.0302 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>



**From:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Sent:** Friday, May 5, 2023 12:02 PM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>  
**Subject:** FW: [EXTERNAL] Variance Request for NSEB0826247749

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
<http://www.emnrd.nm.gov>



**From:** Chad Hensley <[chensley@talonlpe.com](mailto:chensley@talonlpe.com)>

**Sent:** Friday, May 5, 2023 11:58 AM

**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>

**Cc:** Jeremy Haass <[Jeremy\\_Haass@eogresources.com](mailto:Jeremy_Haass@eogresources.com)>; Chase Settle <[Chase\\_Settle@eogresources.com](mailto:Chase_Settle@eogresources.com)>; David J. Adkins <[dadkins@talonlpe.com](mailto:dadkins@talonlpe.com)>

**Subject:** [EXTERNAL] Variance Request for NSEB0826247749

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

To whom it may concern.

On behalf of EOG, Talon would like to request an allowable variance for confirmation sampling to 500 sq/ft. from 200 sq/ft.

Thank you for your time,

**Chad Hensley**

**Environmental Project Manager**

Office: 575.746.8768 x708

Direct: 575.616.4023

Cell: 575.246.0032

Fax: 575.746.8905

Emergency: 866.742.0742

Web: [www.talonlpe.com](http://www.talonlpe.com)



At Talon/LPE, we are quality in all things, including communication. Have a question? Need a quote? Send an email to [clientrelations@talonlpe.com](mailto:clientrelations@talonlpe.com).

**From:** Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>  
**Sent:** Wednesday, June 28, 2023 1:29 PM  
**To:** Chad Hensley  
**Subject:** (Variance Approval) Mitchell SWD # 2 - NKMW0800235934, NSEB0813056099, NAB1526132368, NAB1529255081

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

Re: Incident #[NKMW0800235934](#), [NSEB0813056099](#), [NAB1526132368](#), [NAB1529255081](#)

-  
**Chad**

The variance request for 500 ft2 composite confirmation sample size is approved. Please include this e-mail correspondence in the remediation and/or closure report.

**Robert Hamlet** • Environmental Specialist - Advanced  
Environmental Bureau  
EMNRD - Oil Conservation Division  
506 W. Texas Ave. | Artesia, NM 88210  
575.909.0302 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Chad Hensley <[chensley@talonpe.com](mailto:chensley@talonpe.com)>  
**Sent:** Wednesday, June 28, 2023 1:11 PM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>  
**Subject:** RE: [EXTERNAL] Mitchell SWD # 2

Yes same location, same tank battery.

Sent from [Mail](#) for Windows

---

**From:** [Hamlet, Robert, EMNRD](#)  
**Sent:** Wednesday, June 28, 2023 1:10 PM  
**To:** [Chad Hensley](#)  
**Subject:** RE: [EXTERNAL] Mitchell SWD # 2

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

Chad,

Are all the spills on the same location? I'm guessing your asking for 500 ft2 confirmation samples.

**Robert Hamlet** • Environmental Specialist - Advanced  
Environmental Bureau





## Appendix IV

### Photographic Documentation



**Photograph No.1 Description:**

Initial excavation of site to 4.5 ‘



**Photograph No.2 Description:**

Initial excavation of site to 4.5 ‘



**Photograph No.3 Description:**

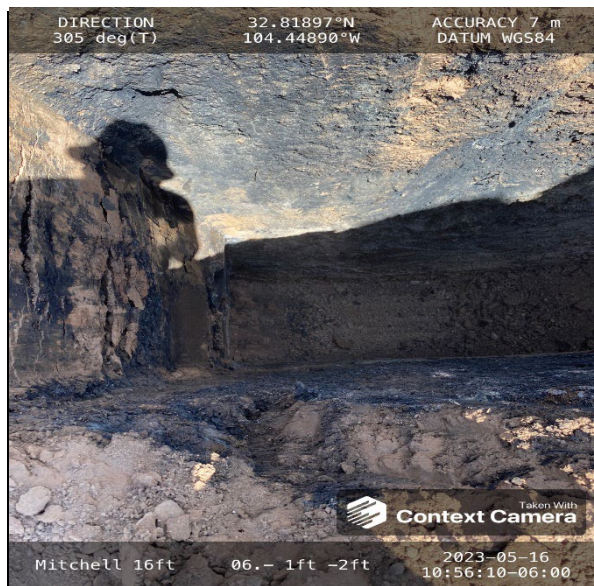
Initial excavation of site to 4.5 ‘



**Photograph No.4 Description:**

Initial excavation of site to 4.5 ‘





**Photograph No.5 Description:**

Discovery of contaminates to 18'



**Photograph No.6 Description:**

Discovery of contaminates to 18'



**Photograph No.7 Description:**

Excavation to 18' under tank battery area.



**Photograph No.8 Description:**

Excavation to 18' under tank battery area.





**Photograph No.9 Description:**

Excavation to 18' under tank battery area.



**Photograph No.10 Description:**

Excavation to 18' under tank battery area.



**Photograph No.11 Description:**

Excavation to 18' under tank battery area.



**Photograph No.12 Description:**

Excavation to 18' under tank battery area.



## Appendix V

### Laboratory Analytical Reports



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

---

June 12, 2023

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: EOG MITCHELL SWD

Enclosed are the results of analyses for samples received by the laboratory on 06/07/23 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 1 (0-4) FT (H232906-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.19	110	2.00	6.15	
Toluene*	<0.050	0.050	06/09/2023	ND	2.26	113	2.00	5.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	4.65	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.65	111	6.00	4.62	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	177	88.3	200	4.58	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	175	87.6	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 2 (0-4) FT (H232906-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.19	110	2.00	6.15	
Toluene*	<0.050	0.050	06/09/2023	ND	2.26	113	2.00	5.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	4.65	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.65	111	6.00	4.62	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	177	88.3	200	4.58	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	175	87.6	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 3 (0-4) FT (H232906-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2023	ND	2.19	110	2.00	6.15		
Toluene*	<0.050	0.050	06/09/2023	ND	2.26	113	2.00	5.87		
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	4.65		
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.65	111	6.00	4.62		
Total BTEX	<0.300	0.300	06/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/08/2023	ND	400	100	400	3.92		

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	06/08/2023	ND	177	88.3	200	4.58		
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	175	87.6	200	5.37		
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 4 (0-4) FT (H232906-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.19	110	2.00	6.15	
Toluene*	<0.050	0.050	06/09/2023	ND	2.26	113	2.00	5.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	4.65	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.65	111	6.00	4.62	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	177	88.3	200	4.58	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	175	87.6	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 5 (0-4) FT (H232906-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 6 (0-4) FT (H232906-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 7 (0-4) FT (H232906-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 8 (0-4) FT (H232906-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 9 (0-4) FT (H232906-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 10 (0-4) FT (H232906-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 11 (0-4) FT (H232906-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/05/2023
Reported:	06/12/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: SW - 12 (0-4) FT (H232906-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/08/2023	ND	400	100	400	3.92	

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	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

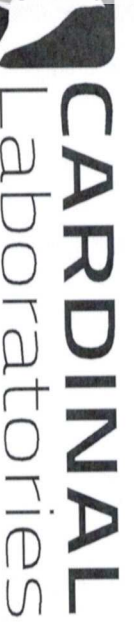
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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: Talon LPE Project Manager: CHAD HENSLEY Address: 408 W. Texas Ave City: Artesia Phone #: 575.746.8768 Project #: 700438.307.01 Project Name: EOGMitchellSWD Project Location: EddyCounty Sampler Name: N.Rose		State: NM Zip: 88210 P.O. #: EOG Company: EOG Attn: J. Haass Address: City: State: Zip: Phone #: Fax #:									
<b>BILL TO</b>											
<b>ANALYSIS REQUEST</b>											
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH
1	SW-1	C	1	SOIL	✓	✓	6/5/23	1140	✓	✓	✓
2	SW-2	C	1	SOIL	✓	✓		1145	✓	✓	✓
3	SW-3	C	1	SOIL	✓	✓		1207	✓	✓	✓
4	SW-4	C	1	SOIL	✓	✓		1214	✓	✓	✓
5	SW-5	C	1	SOIL	✓	✓		1219	✓	✓	✓
6	SW-6	C	1	SOIL	✓	✓		1230	✓	✓	✓
7	SW-7	C	1	SOIL	✓	✓		1252	✓	✓	✓
8	SW-8	C	1	SOIL	✓	✓		1258	✓	✓	✓
9	SW-9	C	1	SOIL	✓	✓		1423	✓	✓	✓
10	SW-10	C	1	SOIL	✓	✓		1431	✓	✓	✓

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Relinquished By: *[Signature]* Date: 6/1/23 Received By: *[Signature]* Date: 6/1/23  
 Relinquished By: *[Signature]* Date: 6/1/23 Received By: *[Signature]* Date: 6/1/23

Delivered By: (Circle One) *2410000* Sample Condition Cool Intact  Yes  No  
 Sampler - UPS - Bus - Other: *1.8: #113*  Yes  No

Checked By: *[Signature]*

Phone Result:  Yes  No Add'l Phone #:   
 Fax Result:  Yes  No Add'l Fax #:   
 REMARKS:







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

---

June 13, 2023

CHAD HENSLEY

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MITCHELLSWD

Enclosed are the results of analyses for samples received by the laboratory on 06/07/23 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 1 4 1/2' (H232907-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	06/08/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 2 4 1/2' (H232907-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	06/08/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 3 4 1/2' (H232907-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	06/08/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 4 4 1/2' (H232907-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	06/08/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 5 4 1/2' (H232907-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	06/08/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 6 4 1/2' (H232907-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1920</b>	16.0	06/08/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	190	95.2	200	0.208	
<b>DRO &gt;C10-C28*</b>	<b>21.7</b>	10.0	06/08/2023	ND	177	88.6	200	1.61	
<b>EXT DRO &gt;C28-C36</b>	<b>11.5</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 7 4 1/2' (H232907-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	06/08/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2023	ND	201	101	200	4.85	
DRO >C10-C28*	<10.0	10.0	06/12/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	<10.0	10.0	06/12/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 8 4 1/2' (H232907-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/08/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 64.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 9 4 1/2' (H232907-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	06/08/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 65.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 10 4 1/2' (H232907-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 67.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 11 4 1/2' (H232907-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 51.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 12 4 1/2' (H232907-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.09	104	2.00	0.426	
Toluene*	<0.050	0.050	06/09/2023	ND	2.08	104	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	47.8	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	48.4	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 62.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 13 4 1/2' (H232907-13)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 55.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.4 % 49.1-148

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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 14 4 1/2' (H232907-14)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6160</b>	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	201	101	200	4.85	
<b>DRO &gt;C10-C28*</b>	<b>28.2</b>	10.0	06/09/2023	ND	197	98.3	200	7.30	
<b>EXT DRO &gt;C28-C36</b>	<b>10.6</b>	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 15 4 1/2' (H232907-15)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1490</b>	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
<b>DRO &gt;C10-C28*</b>	<b>130</b>	10.0	06/08/2023	ND	197	98.3	200	7.30	
<b>EXT DRO &gt;C28-C36</b>	<b>42.6</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 49.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 16 4 1/2' (H232907-16)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2023	ND	201	101	200	4.85	
DRO >C10-C28*	341	10.0	06/09/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	122	10.0	06/09/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 17 4 1/2' (H232907-17)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21		
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87		
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00		
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478		
Total BTEX	<0.300	0.300	06/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6160	16.0	06/08/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85		
DRO >C10-C28*	336	10.0	06/08/2023	ND	197	98.3	200	7.30		
EXT DRO >C28-C36	124	10.0	06/08/2023	ND						

Surrogate: 1-Chlorooctane 60.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 18 4 1/2' (H232907-18)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>7600</b>	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
<b>DRO &gt;C10-C28*</b>	<b>67.2</b>	10.0	06/08/2023	ND	197	98.3	200	7.30	
<b>EXT DRO &gt;C28-C36</b>	<b>18.9</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 48.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 52.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 19 4 1/2' (H232907-19)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 60.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 20 4 1/2' (H232907-20)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 50.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 52.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 21 4 1/2' (H232907-21)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4440	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	907	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	333	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 69.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 22 4 1/2' (H232907-22)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3160</b>	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
<b>DRO &gt;C10-C28*</b>	<b>138</b>	10.0	06/08/2023	ND	197	98.3	200	7.30	
<b>EXT DRO &gt;C28-C36</b>	<b>42.9</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 53.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 23 4 1/2' (H232907-23)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	333	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	109	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 54.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 24 4 1/2' (H232907-24)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4960</b>	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
<b>DRO &gt;C10-C28*</b>	<b>389</b>	10.0	06/08/2023	ND	197	98.3	200	7.30	
<b>EXT DRO &gt;C28-C36</b>	<b>159</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 53.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 25 4 1/2' (H232907-25)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6720</b>	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
<b>DRO &gt;C10-C28*</b>	<b>123</b>	10.0	06/08/2023	ND	197	98.3	200	7.30	
<b>EXT DRO &gt;C28-C36</b>	<b>41.8</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 63.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 26 4 1/2' (H232907-26)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3280</b>	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
<b>DRO &gt;C10-C28*</b>	<b>107</b>	10.0	06/08/2023	ND	197	98.3	200	7.30	
<b>EXT DRO &gt;C28-C36</b>	<b>49.6</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 48.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 31 4 1/2' (H232907-27)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8240	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	169	10.0	06/08/2023	ND	184	92.2	200	7.38	QM-07
EXT DRO >C28-C36	34.2	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 32 4 1/2' (H232907-28)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>5280</b>	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
<b>DRO &gt;C10-C28*</b>	<b>1170</b>	10.0	06/08/2023	ND	184	92.2	200	7.38	
<b>EXT DRO &gt;C28-C36</b>	<b>328</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 37 4 1/2' (H232907-29)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4080</b>	16.0	06/08/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
<b>DRO &gt;C10-C28*</b>	<b>87.2</b>	10.0	06/08/2023	ND	184	92.2	200	7.38	
<b>EXT DRO &gt;C28-C36</b>	<b>20.6</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 42 4 1/2' (H232907-30)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2680</b>	16.0	06/08/2023	ND	416	104	400	3.77	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
<b>DRO &gt;C10-C28*</b>	<b>179</b>	10.0	06/08/2023	ND	184	92.2	200	7.38	
<b>EXT DRO &gt;C28-C36</b>	<b>74.4</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 38 4 1/2' (H232907-31)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9860	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	23.8	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 39 4 1/2' (H232907-32)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2023	ND	2.02	101	2.00	2.21	
Toluene*	<0.050	0.050	06/09/2023	ND	2.06	103	2.00	1.87	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.14	107	2.00	1.00	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.33	105	6.00	0.0478	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4640</b>	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
<b>DRO &gt;C10-C28*</b>	<b>437</b>	10.0	06/08/2023	ND	184	92.2	200	7.38	
<b>EXT DRO &gt;C28-C36</b>	<b>200</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 40 4 1/2' (H232907-33)**

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	06/12/2023	ND	2.32	116	2.00	4.27	QR-03
Toluene*	<0.050	0.050	06/12/2023	ND	2.19	109	2.00	2.49	QR-03
<b>Ethylbenzene*</b>	<b>0.088</b>	0.050	06/12/2023	ND	2.20	110	2.00	1.81	VC1, QM-07, Q
<b>Total Xylenes*</b>	<b>0.701</b>	0.150	06/12/2023	ND	6.55	109	6.00	1.90	VC1, QM-07, Q
<b>Total BTEX</b>	<b>0.789</b>	0.300	06/12/2023	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4880</b>	16.0	06/08/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<100	100	06/09/2023	ND	182	91.1	200	8.88		
<b>DRO &gt;C10-C28*</b>	<b>8480</b>	100	06/09/2023	ND	184	92.2	200	7.38		
<b>EXT DRO &gt;C28-C36</b>	<b>3330</b>	100	06/09/2023	ND						

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 212 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 41 4 1/2' (H232907-34)**

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	06/09/2023	ND	2.32	116	2.00	4.27	
Toluene*	<0.050	0.050	06/09/2023	ND	2.19	109	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.20	110	2.00	1.81	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.55	109	6.00	1.90	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	301	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	117	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 43 4 1/2' (H232907-35)**

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	06/09/2023	ND	2.32	116	2.00	4.27	
Toluene*	<0.050	0.050	06/09/2023	ND	2.19	109	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.20	110	2.00	1.81	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.55	109	6.00	1.90	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	446	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	205	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 44 4 1/2' (H232907-36)**

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	06/09/2023	ND	2.32	116	2.00	4.27	
Toluene*	<0.050	0.050	06/09/2023	ND	2.19	109	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.20	110	2.00	1.81	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.55	109	6.00	1.90	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 45 4 1/2' (H232907-37)**

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	06/09/2023	ND	2.32	116	2.00	4.27	
Toluene*	<0.050	0.050	06/09/2023	ND	2.19	109	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.20	110	2.00	1.81	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.55	109	6.00	1.90	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32400</b>	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
<b>DRO &gt;C10-C28*</b>	<b>349</b>	10.0	06/08/2023	ND	184	92.2	200	7.38	
<b>EXT DRO &gt;C28-C36</b>	<b>142</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 46 4 1/2' (H232907-38)**

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	06/09/2023	ND	2.32	116	2.00	4.27	
Toluene*	<0.050	0.050	06/09/2023	ND	2.19	109	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.20	110	2.00	1.81	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.55	109	6.00	1.90	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 47 4 1/2' (H232907-39)**

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	06/09/2023	ND	2.32	116	2.00	4.27	
Toluene*	<0.050	0.050	06/09/2023	ND	2.19	109	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.20	110	2.00	1.81	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.55	109	6.00	1.90	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>5760</b>	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
<b>DRO &gt;C10-C28*</b>	<b>15.9</b>	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 48 4 1/2' (H232907-40)**

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	06/09/2023	ND	2.32	116	2.00	4.27	
Toluene*	<0.050	0.050	06/09/2023	ND	2.19	109	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.20	110	2.00	1.81	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.55	109	6.00	1.90	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4320</b>	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
<b>DRO &gt;C10-C28*</b>	<b>149</b>	10.0	06/08/2023	ND	184	92.2	200	7.38	
<b>EXT DRO &gt;C28-C36</b>	<b>52.7</b>	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/07/2023	Sampling Date:	06/06/2023
Reported:	06/13/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 49 4 1/2' (H232907-41)**

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	06/09/2023	ND	2.32	116	2.00	4.27	
Toluene*	<0.050	0.050	06/09/2023	ND	2.19	109	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.20	110	2.00	1.81	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.55	109	6.00	1.90	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/07/2023  
 Reported: 06/13/2023  
 Project Name: MITCHELLSWD  
 Project Number: 700438.307.01  
 Project Location: EOG - EDDY COUNTY

Sampling Date: 06/06/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: C - 50 4 1/2' (H232907-42)**

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	06/09/2023	ND	2.32	116	2.00	4.27	
Toluene*	<0.050	0.050	06/09/2023	ND	2.19	109	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/09/2023	ND	2.20	110	2.00	1.81	
Total Xylenes*	<0.150	0.150	06/09/2023	ND	6.55	109	6.00	1.90	
Total BTEX	<0.300	0.300	06/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	06/08/2023	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	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	<10.0	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	06/08/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

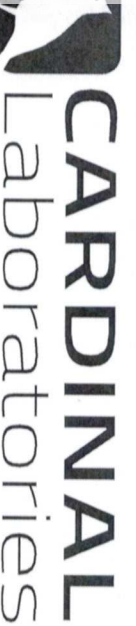
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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Talon LPE  
 Project Manager:  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #:  
 Project #: 700438.307.01 Project Owner: EOG  
 Project Name: MitchellSWD  
 Project Location: EddyCounty  
 Sampler Name: N.ROSE  
 P.O. #: Company: EOG  
 Attn: J. Haass  
 Address:  
 City:  
 State: Zip:  
 Phone #:  
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
HA33907	Depth 4 1/2'	C	1			<input checked="" type="checkbox"/>						6/6/23	0842	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2		C	1			<input checked="" type="checkbox"/>							0846	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
3		C	1			<input checked="" type="checkbox"/>							0849	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
4		C	1			<input checked="" type="checkbox"/>							0853	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
5		C	1			<input checked="" type="checkbox"/>							0856	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
6		C	1			<input checked="" type="checkbox"/>							0900	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
7		C	1			<input checked="" type="checkbox"/>							0912	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
8		C	1			<input checked="" type="checkbox"/>							0914	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
9		C	1			<input checked="" type="checkbox"/>							0923	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
10		C	1			<input checked="" type="checkbox"/>							0926	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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Abandoned By: [Signature]  
 Date: 6/6/23  
 Time: 14:30  
 Received By: [Signature]  
 Date: [Blank]  
 Time: [Blank]

Delivered By: (Circle One) 2.4.21 C-O-U  
 Sample Condition:  Cool  Intact  
 Yes  No  
 Checked By: [Signature] (Initials)  
 Remarks: \* customer added analysis. Spec returned 6-7-23



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

2/5

Company Name: Talon LPE		<b>BILL TO</b>	
Project Manager: C. Hensley		P.O. #:	
Address: 408 W. Texas Ave		Company:	EOG
City: Artesia	State: NM zip: 88210	Attn: J. Haass	
Phone #: 575.746.8768	Fax #:	Address:	
Project #: 70093830701	Project Owner: EOG	City:	
Project Name: Mitchell SWD		State:	
Project Location: Eddy County		Phone #:	
Sampler Name: N. Rose		Fax #:	

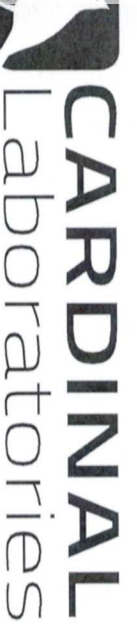
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
H832907	Depth 4 1/2'	C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	6/6/23	0939	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
11		C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			0941	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
12		C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			0948	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
13		C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			0950	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
14		C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			0956	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
15		C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
16		C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
17		C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1018	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
18		C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1021	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
19		C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1021	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
20		C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1021	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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

Relinquished By: *[Signature]* Date: 6/7/23 Time: 1430  
 Received By: *[Signature]* Date: \_\_\_\_\_ Time: \_\_\_\_\_

Delivered By: (Circle One) *2.419 E.O.U.* Sample Condition:  Intact  Cool  Yes  No  
 Sampler - UPS - Bus - Other: *1.8: #113* CHECKED BY: *[Signature]*





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3/9

Company Name: **Talon LPE**  
 Project Manager: **Chad Hensley**  
 Address: **408 W. Texas Ave**  
 City: **Artesia** State: **NM** Zip: **88210**  
 Phone #: **575.746.8768** Fax #: \_\_\_\_\_  
 Project #: **700438.307.01** Project Owner: \_\_\_\_\_  
 Project Name: **EOGMitchell**  
 Project Location: **EddyCounty**  
 Sampler Name: **N.ROSE**

---

**BILL TO**  
 P.O. #: \_\_\_\_\_  
 Company: **EOG**  
 Attn: **J. Haass**  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

---

**ANALYSIS REQUEST**

Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX	TPH
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:				
1033907		4 1/2'	C	1			X					6/6/23	1032	X	X
21			C	1			X						1038	X	X
22			C	1			X							X	X
23			C	1			X						1042	X	X
24			C	1			X						11:10	X	X
25			C	1			X						11:13	X	X
26			C	1			X						11:16	X	X
27			C	1			X						11:21	X	X
28			C	1			X						11:24	X	X
29			C	1			X						11:31	X	X
30			C	1			X						11:37	X	X

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Relinquished By: \_\_\_\_\_  
 Date: **6/1/23**  
 Time: **1430**

Received By: **Stodigmer**  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One) **2.4: UPS - 0.0.0.0**  
 Sampler - UPS - Bus - Other: **1.8: #113**

Sample Condition:  
 Cool  Intact   
 Yes  No  Yes  No

CHECKED BY: **SR** (Initials)

Phone Result:  Yes  No  No  No  No  No  
 Fax Result:  Yes  No  No  No  No  No  
 Add'l Phone #: \_\_\_\_\_  
 Add'l Fax #: \_\_\_\_\_

REMARKS:



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: Talon LPE

Project Manager: C. Hensley

Address: 408 W. Texas Ave

City: Artesia State: NM Zip: 88210

Phone #: 575.746.8768 Fax #:

Project #: 700438.307.01 Project Owner: EOG

Project Name: MitchellSWD

Project Location: EddyCounty

Sampler Name: N. Rose

FOR LAB USE ONLY

**BILL TO**

**ANALYSIS REQUEST**

P.O. #: EOG

Company: EOG

Attn: J. Haass

Address:

City:

State: Zip:

Phone #:

Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
1833907	Depth										6/6/23	1141				
31	4 1/2'											1144				
32												1146				
33												1150				
34												1153				
35												1155				
36												1158				
37												1201				
38												1209				
39												1220				
40																

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Relinquished By: *[Signature]* Date: 6/17/23 Received By: *[Signature]* Date: 6/17/23

Relinquished By: *[Signature]* Date: Time: Received By: *[Signature]* Date: Time:

Delivered By: (Circle One) 2.4: UPS - Bus - Other: 1.8: #113

Sample Condition: Cool Intact Yes  No  Checked By: *[Signature]*

REMARKS:

4/5





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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Talon LPE  
 Project Manager: C. Hensley  
 Address: 408 W. Texas Ave  
 City: Artesia  
 State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #: \_\_\_\_\_  
 Project #: 700438.307.01 Project Owner: EOG  
 Project Name: MitchellSWD  
 Project Location: EddyCounty  
 Sampler Name: N. Rose  
 P.O. #: \_\_\_\_\_  
 Company: EOG  
 Attn: J. Haass  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
H032907	C-49	C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	6/6/23	1302	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
41	C-50	C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	6/6/23	1315	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
42				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

Relinquished By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Received By: *Stodrigues*  
 Date: 6/1/23  
 Time: 1430

Delivered By: (Circle One) *2.4.1) C @ U*  
 Sampler - UPS - Bus - Other: *1.8 - #113*

Sample Condition: Cool  Intact   
 Yes  No

CHECKED BY: *SR* (Initials)

REMARKS:

Phone Result:  Yes  No  
 Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No  
 Add'l Fax #: \_\_\_\_\_

5/5



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

---

June 19, 2023

CHAD HENSLEY

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MITCHELLSWD

Enclosed are the results of analyses for samples received by the laboratory on 06/14/23 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/14/2023	Sampling Date:	06/13/2023
Reported:	06/19/2023	Sampling Type:	Soil
Project Name:	MITCHELLSWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: SW - 2 4.5' (H233055-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	1.89	94.4	2.00	23.7	
Toluene*	<0.050	0.050	06/15/2023	ND	1.99	99.4	2.00	8.79	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.09	104	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	6.23	104	6.00	2.82	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/14/2023	ND	416	104	400	7.41	

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	06/15/2023	ND	228	114	200	7.26	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	233	116	200	5.54	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: Talon LPE **BILL TO** ANALYSIS REQUEST

Project Manager: C. Hensley P.O. #:

Address: 408 W. Texas Ave Company: EOG

City: Artesia State: NM zip: 88210 Attn: J. Haass

Phone #: 575.746.8768 Fax #: Address:

Project #: 700438307.01 Project Owner: EOG City:

Project Name: Mitchell SWD State: Zip:

Project Location: Eddy County Phone #: Fax #:

Sampler Name: N. Rose

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:								
<u>H333055</u>	<u>SW-2</u>	<u>4.5'</u>	<u>1</u>			<u>X</u>						<u>X</u>	<u>6-30-23</u>	<u>1040</u>	<u>X</u>	<u>X</u>	<u>X</u>	

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Relinquished By: [Signature] Date: 6-14-23 Time: 1345 Received By: [Signature] Date: 6-14-23 Time: 1345

Delivered By: (Circle One) #113 Sample Condition:  Cool  Intact  Yes  No  Yes  No CHECKED BY: [Signature]

Sampler - UPS - Bus - Other: -0.8c/-1.4c

Phone Result:  Yes  No Add'l Phone #:   
 Fax Result:  Yes  No Add'l Fax #:   
 REMARKS:





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

---

June 20, 2023

CHAD HENSLEY  
TALON LPE  
408 W. TEXAS AVE.  
ARTESIA, NM 88210

RE: MITCHELL SWD

Enclosed are the results of analyses for samples received by the laboratory on 06/14/23 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/14/2023	Sampling Date:	06/12/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 27 18' (H233058-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	1.89	94.4	2.00	23.7	
Toluene*	<0.050	0.050	06/15/2023	ND	1.99	99.4	2.00	8.79	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.09	104	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	6.23	104	6.00	2.82	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	06/14/2023	ND	416	104	400	7.41	

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	06/15/2023	ND	207	104	200	14.3	QM-07
<b>DRO &gt;C10-C28*</b>	<b>64.1</b>	10.0	06/15/2023	ND	188	94.1	200	13.4	
<b>EXT DRO &gt;C28-C36</b>	<b>17.6</b>	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/14/2023	Sampling Date:	06/12/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 28 18' (H233058-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	1.89	94.4	2.00	23.7	
Toluene*	<0.050	0.050	06/15/2023	ND	1.99	99.4	2.00	8.79	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.09	104	2.00	3.19	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	6.23	104	6.00	2.82	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	06/14/2023	ND	416	104	400	7.41	

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	06/15/2023	ND	207	104	200	14.3	
DRO >C10-C28*	161	10.0	06/15/2023	ND	188	94.1	200	13.4	
EXT DRO >C28-C36	55.6	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/14/2023	Sampling Date:	06/12/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 29 18' (H233058-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.24	112	2.00	1.59	
Toluene*	<0.050	0.050	06/16/2023	ND	2.18	109	2.00	0.199	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.22	111	2.00	1.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.54	109	6.00	1.26	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3360</b>	16.0	06/14/2023	ND	416	104	400	7.41	

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	06/15/2023	ND	207	104	200	14.3	
<b>DRO &gt;C10-C28*</b>	<b>4170</b>	10.0	06/15/2023	ND	188	94.1	200	13.4	
<b>EXT DRO &gt;C28-C36</b>	<b>1420</b>	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/14/2023	Sampling Date:	06/12/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 30 18' (H233058-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.24	112	2.00	1.59	
Toluene*	<0.050	0.050	06/16/2023	ND	2.18	109	2.00	0.199	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.22	111	2.00	1.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.54	109	6.00	1.26	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4520</b>	16.0	06/14/2023	ND	416	104	400	7.41	

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	06/15/2023	ND	207	104	200	14.3	
<b>DRO &gt;C10-C28*</b>	<b>1010</b>	10.0	06/15/2023	ND	188	94.1	200	13.4	
<b>EXT DRO &gt;C28-C36</b>	<b>313</b>	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	06/14/2023	Sampling Date:	06/12/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 33 18' (H233058-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.24	112	2.00	1.59	
Toluene*	<0.050	0.050	06/16/2023	ND	2.18	109	2.00	0.199	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.22	111	2.00	1.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.54	109	6.00	1.26	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	06/14/2023	ND	416	104	400	7.41	

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	06/15/2023	ND	207	104	200	14.3	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	188	94.1	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/14/2023	Sampling Date:	06/12/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 34 18' (H233058-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.24	112	2.00	1.59	
Toluene*	<0.050	0.050	06/16/2023	ND	2.18	109	2.00	0.199	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.22	111	2.00	1.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.54	109	6.00	1.26	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6240</b>	16.0	06/14/2023	ND	416	104	400	7.41	

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	06/15/2023	ND	207	104	200	14.3	
<b>DRO &gt;C10-C28*</b>	<b>83.2</b>	10.0	06/15/2023	ND	188	94.1	200	13.4	
<b>EXT DRO &gt;C28-C36</b>	<b>20.6</b>	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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**Analytical Results For:**

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

Received:	06/14/2023	Sampling Date:	06/12/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 35 18' (H233058-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.24	112	2.00	1.59	
Toluene*	<0.050	0.050	06/16/2023	ND	2.18	109	2.00	0.199	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.22	111	2.00	1.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.54	109	6.00	1.26	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4160</b>	16.0	06/14/2023	ND	416	104	400	7.41	

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	06/15/2023	ND	207	104	200	14.3	
<b>DRO &gt;C10-C28*</b>	<b>223</b>	10.0	06/15/2023	ND	188	94.1	200	13.4	
<b>EXT DRO &gt;C28-C36</b>	<b>55.1</b>	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/14/2023	Sampling Date:	06/12/2023
Reported:	06/20/2023	Sampling Type:	Soil
Project Name:	MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 36 18' (H233058-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/17/2023	ND	2.24	112	2.00	1.59	
Toluene*	<0.050	0.050	06/17/2023	ND	2.18	109	2.00	0.199	
Ethylbenzene*	<0.050	0.050	06/17/2023	ND	2.22	111	2.00	1.25	
Total Xylenes*	<0.150	0.150	06/17/2023	ND	6.54	109	6.00	1.26	
Total BTEX	<0.300	0.300	06/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3600</b>	16.0	06/14/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>17.6</b>	10.0	06/15/2023	ND	207	104	200	14.3	
<b>DRO &gt;C10-C28*</b>	<b>1070</b>	10.0	06/15/2023	ND	188	94.1	200	13.4	
<b>EXT DRO &gt;C28-C36</b>	<b>335</b>	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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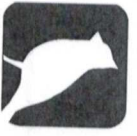
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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Talon LPE

Project Manager: C. Hensley

Address: 408 W. Texas Ave

City: Artesia

Phone #: 575.746.8768

Project #: 700438.307.01

Project Name: SWD Mitchell

Project Location: Eddy County

Sampler Name: N. Rose

**BILL TO**

P.O. #: Company: EOG

Attn: J. Haass

Address:

City:

State:

Phone #:

**ANALYSIS REQUEST**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						
H233658	Depth		1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		6/12/23	1301	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	C-27 18'			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	C-28			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	C-29			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	C-30			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	C-33			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	C-34			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	C-35			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	C-36			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

Relinquished By: *[Signature]*

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Time: 1345

Retrieved By: *[Signature]*

Date: 6-14-23

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Received By: *[Signature]*



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

---

June 21, 2023

CHAD HENSLEY  
TALON LPE  
408 W. TEXAS AVE.  
ARTESIA, NM 88210

RE: MITCHELL SWD

Enclosed are the results of analyses for samples received by the laboratory on 06/20/23 12:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/20/2023	Sampling Date:	06/19/2023
Reported:	06/21/2023	Sampling Type:	Soil
Project Name:	MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 40 6' (H233190-01)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	2.04	102	2.00	0.594	GC-NC	
Toluene*	<0.050	0.050	06/20/2023	ND	2.33	117	2.00	0.177		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.33	116	2.00	0.770		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	7.21	120	6.00	0.708		
Total BTEX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	06/21/2023	ND	400	100	400	3.92		

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	06/20/2023	ND	212	106	200	8.41		
DRO >C10-C28*	13.5	10.0	06/20/2023	ND	194	96.9	200	11.1		
EXT DRO >C28-C36	13.3	10.0	06/20/2023	ND						

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/20/2023	Sampling Date:	06/19/2023
Reported:	06/21/2023	Sampling Type:	Soil
Project Name:	MITCHELL SWD	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 45 6' (H233190-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	2.04	102	2.00	0.594	
Toluene*	<0.050	0.050	06/20/2023	ND	2.33	117	2.00	0.177	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	2.33	116	2.00	0.770	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	7.21	120	6.00	0.708	
Total BTEX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	06/21/2023	ND	400	100	400	3.92	

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	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>Talon CPE</b> Project Manager: <b>C. Henstey</b>		P.O. #: _____ Company: <b>EOG</b>															
Address: <b>408 W. Texas ave</b> City: <b>Artesia</b>		Attn: <b>J. Haass</b> Address: _____ City: _____															
State: <b>NM</b> Zip: <b>88210</b> Phone #: <b>575-766-8768</b> Fax #: _____		State: _____ Zip: _____ City: _____ Phone #: _____															
Project #: <b>700438830701</b> Project Owner: <b>EOG</b>		Project Name: <b>Mitchell</b>															
Project Location: <b>Eddy County</b>		Project Name: <b>N. Rose</b>															
Sampler Name: _____ FOR LAB USE ONLY		Fax #: _____ Phone #: _____															
<b>BILL TO</b>																	
<b>ANALYSIS REQUEST</b>																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH						
H233190	C-40 6'		1	GROUNDWATER			1111	6-19-23	X	X	X						
	C-45 6'		1	WASTEWATER			1214		X	X	X						
				SOIL													
				OIL													
				SLUDGE													
				OTHER :													
				ACID/BASE:													
				ICE / COOL													
				OTHER :													

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Relinquished By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Received By: \_\_\_\_\_  
 Date: **6-30-23**  
 Time: **1:58**

REMARKS: **24 hr Rush**

Delivered By: (Circle One)  UPS  Bus  Other: \_\_\_\_\_  
 Observed Temp. °C: **2.3** Corrected Temp. °C: **1.6**  
 Sample Condition:  Cool  Intact  Yes  No  Yes  No  
 CHECKED BY: (Initials) **AD**  
 Turnaround Time: \_\_\_\_\_ Standard  Rush   
 Thermometer ID #113 Correction Factor -0.5°C Bacteria (only)  Cool  Intact  Yes  No  Yes  No  
 Sample Condition: \_\_\_\_\_ Observed Temp. °C: \_\_\_\_\_ Corrected Temp. °C: \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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June 26, 2023

CHAD HENSLEY  
TALON LPE  
408 W. TEXAS AVE.  
ARTESIA, NM 88210

RE: EOG MITCHELL SWD

Enclosed are the results of analyses for samples received by the laboratory on 06/23/23 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/23/2023	Sampling Date:	06/23/2023
Reported:	06/26/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	** (See Notes)
Project Number:	700438.307.01	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: C - 29 8' (H233281-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.13	106	2.00	0.00568	
Toluene*	<0.050	0.050	06/23/2023	ND	2.10	105	2.00	0.577	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.06	103	2.00	0.139	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.26	104	6.00	0.0488	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1570</b>	16.0	06/26/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2023	ND	153	76.7	200	26.0	
<b>DRO &gt;C10-C28*</b>	<b>54.2</b>	10.0	06/24/2023	ND	152	76.2	200	26.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/23/2023	Sampling Date:	06/23/2023
Reported:	06/26/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	** (See Notes)
Project Number:	700438.307.01	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: C - 30 4' (H233281-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.13	106	2.00	0.00568	
Toluene*	<0.050	0.050	06/23/2023	ND	2.10	105	2.00	0.577	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.06	103	2.00	0.139	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.26	104	6.00	0.0488	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	06/26/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2023	ND	153	76.7	200	26.0	
DRO >C10-C28*	<10.0	10.0	06/24/2023	ND	152	76.2	200	26.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/23/2023	Sampling Date:	06/23/2023
Reported:	06/26/2023	Sampling Type:	Soil
Project Name:	EOG MITCHELL SWD	Sampling Condition:	** (See Notes)
Project Number:	700438.307.01	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY.RE.CEH		

**Sample ID: C - 36 8' (H233281-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.13	106	2.00	0.00568	
Toluene*	<0.050	0.050	06/23/2023	ND	2.10	105	2.00	0.577	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.06	103	2.00	0.139	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.26	104	6.00	0.0488	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4920</b>	16.0	06/26/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2023	ND	153	76.7	200	26.0	
<b>DRO &gt;C10-C28*</b>	<b>14.8</b>	10.0	06/24/2023	ND	152	76.2	200	26.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: Talon LPE  
 Project Manager: C. Hensley  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #:  
 Project #: 700438.307.01 Project Owner: EOG  
 Project Name: EOG Mitchell  
 Project Location: Eddy County  
 Sampler Name: N. Rose  
 P.O. #: Company: EOG  
 Attn: J. Haass  
 Address:  
 City:  
 State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
H233281	1 C-29 8'	C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0623	1018	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	2 C-30 4'	C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		1027	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	3 C-36 18'	C	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		1051	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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Relinquished By: *[Signature]* Date: 6/30/23 Received By: *[Signature]* Date: 6/30/23  
 Relinquished By: *[Signature]* Date: 7/30/23 Received By: *[Signature]* Date: 7/30/23  
 Delivered By: (Circle One) Sampler - UPS - Bus - Other: #113  
 Sample Condition: Cool  Intact  Yes  No   
 CHECKED BY: (Initials) Y.P.  
 24 HOUR RUSH

Phone Result:  Yes  No Add'l Phone #:   
 Fax Result:  Yes  No Add'l Fax #:   
 REMARKS:   
 † Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

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June 29, 2023

CHAD HENSLEY  
TALON LPE  
408 W. TEXAS AVE.  
ARTESIA, NM 88210

RE: MITCHELL

Enclosed are the results of analyses for samples received by the laboratory on 06/29/23 8:09.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/29/2023	Sampling Date:	06/28/2023
Reported:	06/29/2023	Sampling Type:	Soil
Project Name:	MITCHELL	Sampling Condition:	Cool & Intact
Project Number:	700438.307.01	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - EDDY COUNTY		

**Sample ID: C - 32 4.5' (H233355-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/29/2023	ND	2.25	112	2.00	3.93	
Toluene*	<0.050	0.050	06/29/2023	ND	2.26	113	2.00	4.52	
Ethylbenzene*	<0.050	0.050	06/29/2023	ND	2.12	106	2.00	1.67	
Total Xylenes*	<0.150	0.150	06/29/2023	ND	6.55	109	6.00	1.06	
Total BTEX	<0.300	0.300	06/29/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	06/29/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2023	ND	164	82.1	200	3.17	
<b>DRO &gt;C10-C28*</b>	<b>15.5</b>	10.0	06/29/2023	ND	169	84.3	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	06/29/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager





**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Talon LPE  
 Project Manager: C. Hensley  
 Address: 408 W. Texas Ave  
 City: Artesia State: NM zip: 88210  
 Phone #: 575.746.8768 Fax #: \_\_\_\_\_  
 Project #: 700438.307.01 Project Owner: EOG  
 Project Name: Mitchell  
 Project Location: Eddy County  
 Sampler Name: N. Rose  
 P.O. #: \_\_\_\_\_  
 Company: EOG  
 Attn: J. Haass  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	CL	BTEX	TPH	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						ICE / COOL
H233355	C-32 4.5'	C	1			<input checked="" type="checkbox"/>						6/28/23	1600	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Relinquished By: \_\_\_\_\_ Date: 6/28/23 Time: 0809  
 Received By: Spoolingery  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_  
 Delivered By: (Circle One) 3.1c) C.O.L.  
 Sampler - UPS - Bus - Other: 2.5c) #113  
 Sample Condition:  Cool  Intact  
 Checked By: [Signature]  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS: 24 Hour  
 † Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 234901

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 234901
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	None	7/3/2023