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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. 4th 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.

Approx	cimate Depth to	Groundwater	105 feet bgs
∐Yes	⊠No	Within 300 feet of any continuously flowing water any other significant watercourse	rcourse or
∐Yes	⊠No	Within 200 feet of any lakebed, sinkhole or a pla	ya lake
∐Yes	⊠No	Within 300 feet from an occupied permanent resschool, hospital, institution or church	sidence,
∐Yes	⊠No	Within 500 feet of a spring or a private, domestic well used by less than five households for dome watering purposes	
∐Yes	⊠No	Within 1000 feet of any freshwater well or spring	ı
∐Yes	⊠No	Within incorporated municipal boundaries or with municipal freshwater well field covered under a ordinance adopted pursuant to Section 3-2703 N	municipal
∐Yes	⊠No	Within 300 feet of a wetland	
∐Yes	⊠No	Within the area overlying a subsurface mine	
∐Yes	⊠No	Within an unstable area	
∐Yes	⊠No	Within a 100-year floodplain	

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 be- low any point within the horizontal boundary of the re- lease to ground wa- ter less than 10,000 mg/l TDS	Constituent	Method	Limit
	Total Chlorides	EPA 300.0 or SM4500 CI B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
< 100'	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

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 titrartion 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
	Table 1 C		10 mg/kg	50 mg/kg	comb	+ GRO ined = 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
C-29	6/23/23	18'	ND	ND	ND	54.2	ND	54.2	1570
COCCIA	6/14/23	0-18'	ND	ND	ND	1010	313	1323	4520
C30SW	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

6.22	6/7/23	4.5'	ND	ND	ND	1170	328	1498	5280
C-32	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
COCCIA	6/14/23	0-18'	ND	ND	17.6	1070	335	1422	3600
C36SW	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
C403VV	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
C-43	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
300-2	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:

Below ground

surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocar-

bons

Highlighted cells indicate exceedance of NMOCD Table 1 Closure Criteria

GRO	Gasoline range organics		
DRO	Diesel range organics		
MRO	Motor oil range organics		
S	Sample		
С	Confirmation		
C	Sample		
SW	Sidewall Sample		
TT	Test Trench		
R	Refusal		
ND	Analyte Not De-		
ND	tected		
	Analyte Not		
NT	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 originally going to be floor samples, but due to finding additional contaminates in that area they were converted into sidewall samples to keep cronalogical 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.

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

Clad Howler

Attachments:

Appendix I Site Maps

Appendix II Groundwater Data, Soil Survey, FEMA Flood Map

Appendix III C-141 Forms, NMOCD Correspondence

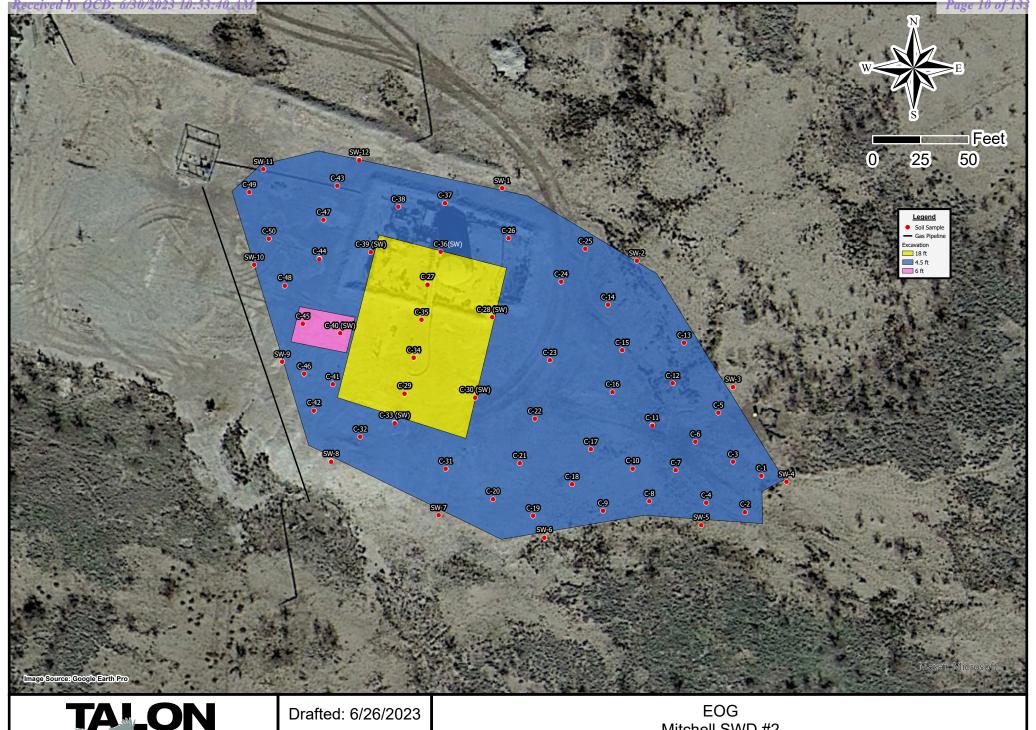
Appendix IV Photographic Documentation

Appendix V Laboratory Reports



Appendix I

Site Maps



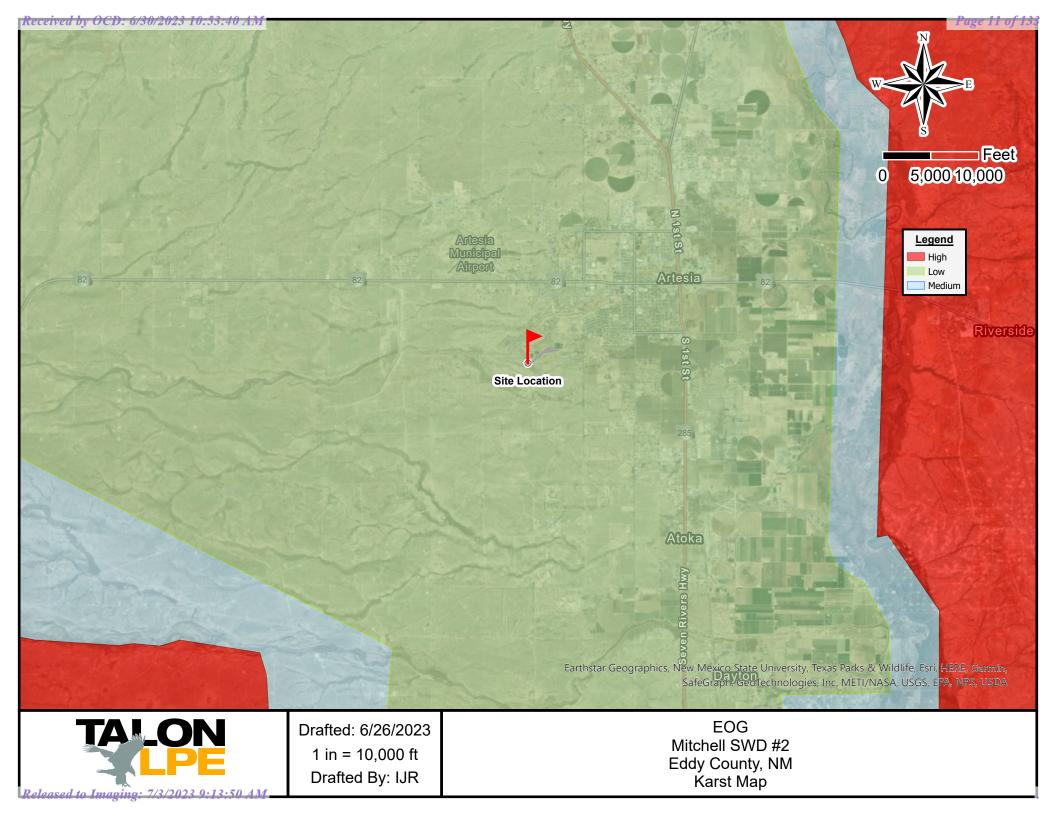
TALON LPE

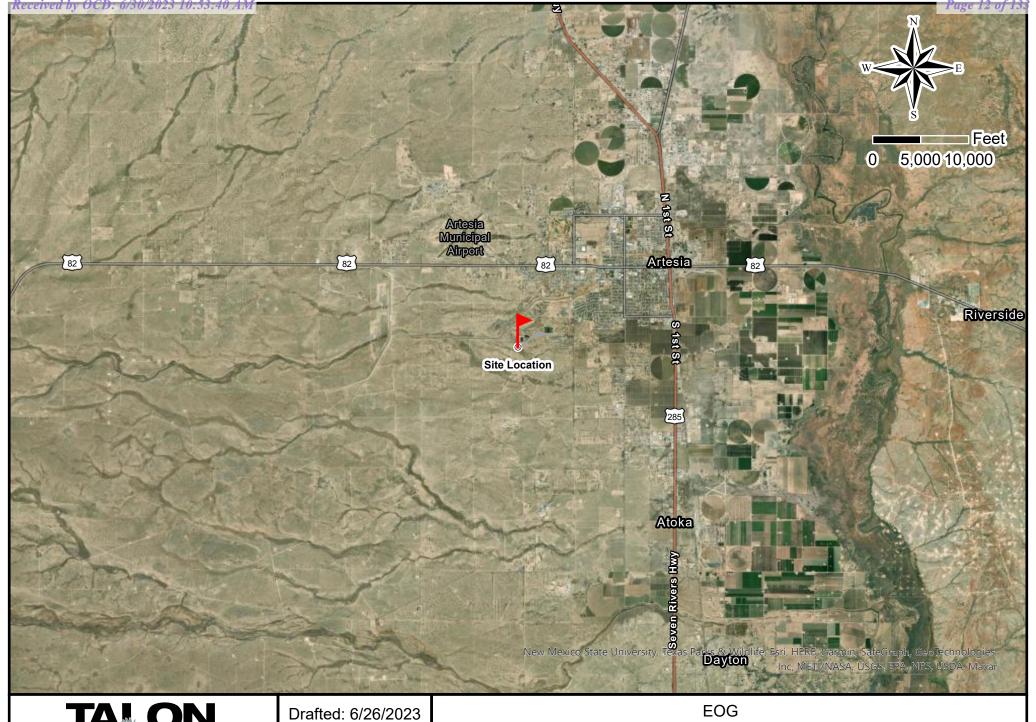
1 in = 50 ft

Drafted By: IJR

Figure 1

Mitchell SWD #2 Eddy County, NM Confirmation Map

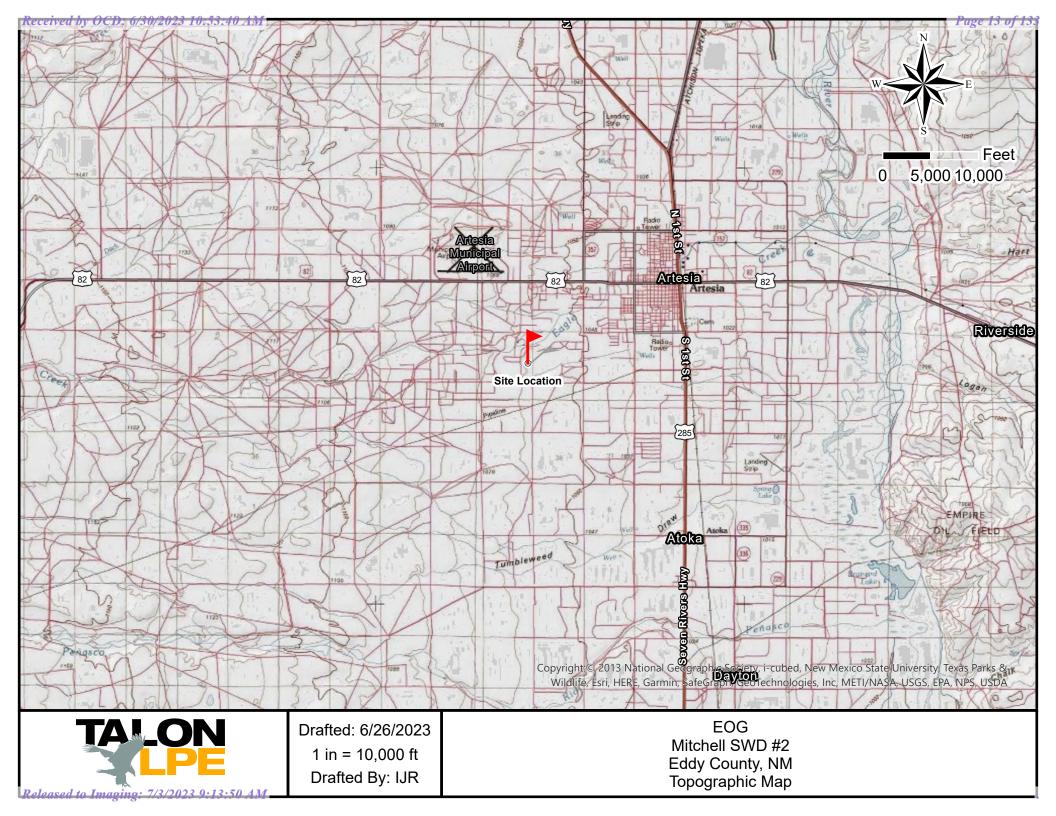




TALON

Released to Imaging: 7/3/2023 9:13:50 AM

Drafted: 6/26/2023 1 in = 10,000 ft Drafted By: IJR EOG Mitchell SWD #2 Eddy County, NM Location Map



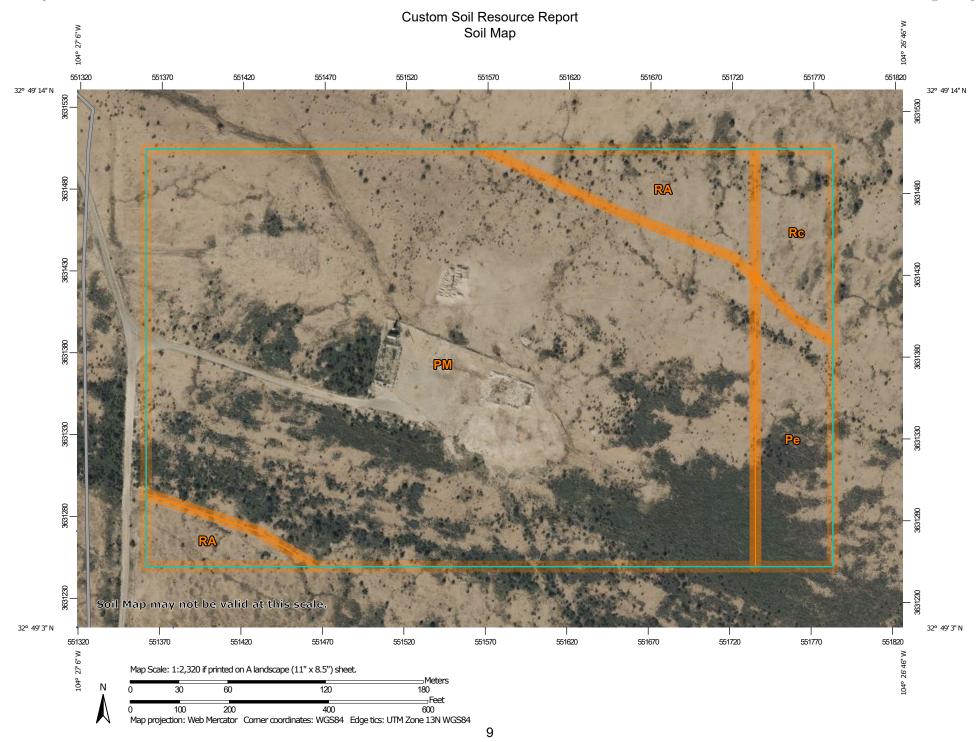


Appendix II

Groundwater Data
Soil Survey
FEMA Flood Map

Soil Map

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.



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

ဖ

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

å

Spoil Area Stony Spot

Very Stony Spot

Ŷ

Wet Spot Other

Δ

Special Line Features

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

00

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.

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

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

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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

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

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

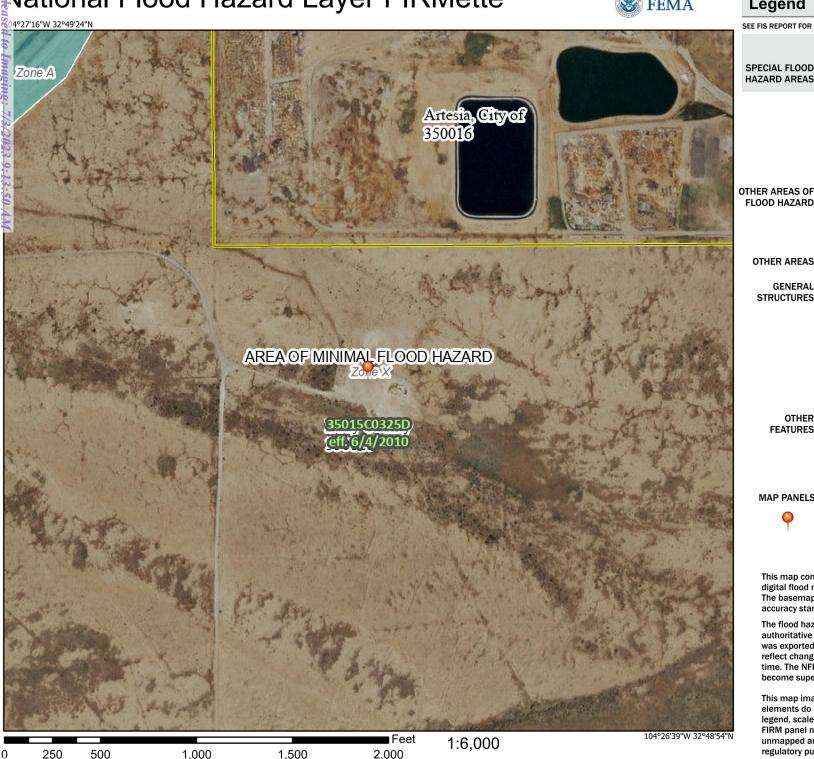
Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

National Flood Hazard Layer FIRMette





Legend

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

Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AF SPECIAL FLOOD **HAZARD AREAS Regulatory Floodway**

> 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drain e areas of less than one square mile Zor **Future Conditions 1% Annual**

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

Area with Flood Risk due to Levee Zon FLOOD HAZARD

> NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs

OTHER AREAS Area of Undetermined Flood Hazard Zone D

- - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLI Levee, Dike, or Floodwall

> 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER

FEATURES Hydrographic Feature Digital Data Available

No Digital Data Available

Profile Baseline

Unmapped

MAP PANELS

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

This map 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.



Appendix III

C-141 Forms

NMOCD Correspondence

Page 25 of 133

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 N	MAC
Photographs of the remediated site prior to backfill or photos of the must be notified 2 days prior to liner inspection)	ne liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC Dis	strict 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 and regulations all operators are required to report and/or file certain relemany endanger public health or the environment. The acceptance of a C-should their operations have failed to adequately investigate and remedia human health or the environment. In addition, OCD acceptance of a C-scompliance with any other federal, state, or local laws and/or regulations restore, reclaim, and re-vegetate the impacted surface area to the conditionaccordance with 19.15.29.13 NMAC including notification to the OCD verified Name: Jermey Haass	ease notifications and perform corrective actions for releases which e141 report by the OCD does not relieve the operator of liability are contamination that pose a threat to groundwater, surface water, 141 report does not relieve the operator of responsibility for s. The responsible party acknowledges they must substantially ons that existed prior to the release or their final land use in when reclamation and re-vegetation are complete. Sr. Safety & Enviromental Specialist
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party of lia remediate contamination that poses a threat to groundwater, surface water party of compliance with any other federal, state, or local laws and/or re-	r, human health, or the environment nor does not relieve the responsible
Closure Approved by: Ashley Maxwell	_{Date:} 7/03/2023
Closure Approved by: Ashley Maxwell Printed Name: Ashley Maxwell	Title: Environmental Specialist

Page 26 of 133

Incident ID	nAB1529255081
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 it	items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
Printed Name: Jermey Haass	Title: Sr. Safety & Enviromental Specialist
Signature: Ty Huss	Date: 6/30/2023
email: jeremy_Haass@eogresources.com	Telephone:575-748-4311
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Ashley Maxwell	Date:
Closure Approved by: Ashley Maxwell Printed Name: Ashley Maxwell	Title: Environmental Specialist

Page 27 of 133

Incident ID	nKMW0800235934
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 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
✓ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
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:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Ashley Maxwell	Date:
Closure Approved by: Printed Name: Ashley Maxwell	Title: Environmental Specialist

New Mexico

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.

Closure Report Attachment Checklist: Each of the following ite	ems 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 must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office			
☐ Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)			
Description of remediation activities				
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and rem human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulativestore, reclaim, and re-vegetate the impacted surface area to the con accordance with 19.15.29.13 NMAC including notification to the OC	ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ions. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.			
Printed Name: Jermey Haass	Title: Sr. Safety & Enviromental Specialist			
	Date: 6/30/2023			
email: jeremy_Haass@eogresources.com	Telephone: 575-748-4311			
OCD Only				
Received by:	Date:			
	of liability should their operations have failed to adequately investigate and rater, human health, or the environment nor does not relieve the responsible r regulations.			
Closure Approved by: Ashley Maxwell	Date: _7/03/2023			
Closure Approved by: Ashley Maxwell Printed Name: Ashley Maxwell	Environmental Specialist			

Page 29 of 133

Incident ID	nSEB0826247749
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 must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance o should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
OCD Only	
Received by:	Date:
	y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations.
Closure Approved by: Ashley Maxwell Printed Name:	7/03/2023 Date:
Printed Name: Ashley Maxwell	Title: Environmental Specialist

From: Hamlet, Robert, EMNRD

To: <u>Chad Hensley</u>

Cc: 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: <u>image002.png</u>

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





From: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Sent: Friday, May 5, 2023 12:02 PM

To: Hamlet, Robert, EMNRD < 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 | <u>Jocelyn.Harimon@emnrd.nm.gov</u>

http://www.emnrd.nm.gov



From: Chad Hensley < chensley@talonlpe.com>

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

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Jeremy Haass < <u>Jeremy Haass@eogresources.com</u>>; Chase Settle

<<u>Chase Settle@eogresources.com</u>>; David J. Adkins <<u>dadkins@talonlpe.com</u>>

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



At Talon/LPE, we are quality in all things, including communication. Have a question? Need a quote? Send an email to <u>clientrelations@talonlpe.com</u>.

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

http://www.emnrd.state.nm.us/OCD/



From: Chad Hensley < chensley@talonlpe.com>

Sent: Wednesday, June 28, 2023 1:11 PM

To: Hamlet, Robert, EMNRD < <u>Robert.Hamlet@emnrd.nm.gov</u>>

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 '



Page 1 of 3





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



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

Analyzed By: JH/

Project Location: EDDY COUNTY.RE.CEH

mg/kg

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

BTEX 8021B

	9/	9	71.14.1, = 0	7. 5,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

Analyzed By: JH/

Project Location: EDDY COUNTY.RE.CEH

mg/kg

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

BTEX 8021B

	9/	9	71.14.1, = 0	,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

Analyzed By: JH/

Project Location: EDDY COUNTY.RE.CEH

mg/kg

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

BTEX 8021B

	9,	9	7	7: 5::.,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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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

Analyzed By: 1H /

Project Location: EDDY COUNTY.RE.CEH

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

RTFY 8021R

2.00 2.00	RPD Qualifi 0.426 1.11 0.0263 0.0931
2.00 2.00	1.11 0.0263
2.00	0.0263
6.00	0.0931
True Value QC	RPD Qualifi
400	3.92
/ True Value QC	RPD Qualifi
200	0.208
200	1.61
_	200

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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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134 9	% 49.1-14	8						

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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

Analyzed By: JH/

Project Location: EDDY COUNTY.RE.CEH

mg/kg

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

BTEX 8021B

	9/	9	7111411720	,					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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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	Analyze	d 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 9	% 71.5-13	4						
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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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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 - 10 (0-4) FT (H232906-10)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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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

Analyzed By: JH/

Project Location: EDDY COUNTY.RE.CEH

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

BTEX 8021B

	9,	9	7	7: 5::.,					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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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

Analyzed By: JH/

Project Location: EDDY COUNTY.RE.CEH

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

BTEX 8021B

	9,	9	7	7: 5::.,					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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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. Keine

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 393-2326 FAX (575) 393-2476	6				١	ANI		DECLIEST	
Company Name: Talon	:Talon LPE		BILL 10		+	+	AW	ANALISIS NE	- COLO	
Project Manage	\cup		P.O. #:							
Address: 408	Address: 408 W. Texas Ave		Company: EUG			_				
city: Artesia	a state: NM	zip: 88210	Attn:J.Haass							
Phone #: 575.746.8768	.746.8768 Fax #:		Address:							
Project #: 700438.307.01	438.307.01 Project Owner:		City:					_		
Project Name:	Project Name: EOGMitchelISWD		State: Zip:						_	
Project Locatio	Project Location: EddyCounty		Phone #:						_	
Sampler Name:	N.Rose		1			_				
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	G						
Lab I.D.	Sample I.D.	AB OR (C)OMP ONTAINERS DUNDWATER STEWATER	IER: D/BASE: / COOL HER:			PH				
MASSAM	Depth	# CC GRC WAS SOIL	ACII ICE OTH DATE	TIME CL	<u> </u>	}				
-	SW-1 (\$-4)\$+	-	07/0/0	1		1				
رو	SW-2	C .		1145	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1	5			
w	SW-3			104	1		1			
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S	SW-5			1020	1		\ \ \			
10	SW-2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1000	/		۲			
47	OVV-/			1050	\ <u>\</u>		!			
:40	S	\ \ \		1/23	? ! ?	Ì	!!			
0:53	SW-10	∩ (1		\exists	Ë	2			
PLEASE NOTE: Liability 23 analyses. All claims inclu 25 service. In no event shall	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the public 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 the applications. 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 the applications. 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 completions that are the properties of the propert	rany claim arising whether based in contract e deemed waived unless made in writing and ng without limitation, business interruptions,	or tort, shall be limited to the amount paid dreceived by Cardinal within 30 days after loss of use, or loss of profits incurred by cli	amount paid by the client for the a 30 days after completion of the a curred by client, its subsidiaries	pplicable					
	rs arising out of or related to the performance of services hereunder by Cardinal, regarded by: Date: Services hereunder by Cardinal, regarded by: Received	Received By:	3y:	Phone Result:	. 	Yes	□ No Ad	Add'l Phone #: Add'l Fax #:		
	Time:// Date:	Received By:	gney	REMARKS:						
d by	Time:									
Delivered B	: (Circle One) 24 CO	Sample Condition Cool Intact	ion CHECKED BY: (Initials)							
Red Sampler - UPS	- Bus - outer 1.85 #	No Cl								
		Dianea for written changes to IETE1 202_2226	[E7E] 202_2226							

Page 15 of 16

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		
Company Name: Talon LPE	BILL TO	ANALYSIS REQUEST
Project Manager: C. Hensley	P.O.#:	
Ve	Company: EOG	
city: Artesia state: NM zip: 88210		
Phone #: 575.746.8768 Fax #:	Address:	
Project #: 700438.307.01 Project Owner:	City:	
Project Name: EOGMitchellSWD	State: Zip:	
Project Location: EDDY County	Phone #:	
Sampler Name: N. Rose	Fax #:	
	MATRIX PRESERV. SAMPLING	
(C)OMP	ΓER	
Lab I.D. Sample I.D.	ROUNDW/ ASTEWAT DIL L UDGE THER: CID/BASE E / COOL THER:	BTEX TPH
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2:53:40		
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	rdinal, regardless of whether such claim is based upon any of the above stated reasons or unerwise. Received By: Fax Result: Fax Result:	Yes No Add'l Phone #:
Relinquished By:	Received By:	
eceived Delivered By: (Circle One) 1.4:) (-0.02 Sampler - UPS - Bus - Other: 2.4:(5		
Sallipici - O. O. Dao	□ No □ No □ V	

Page 16 of 16

1 Paradiant annual account worked channes Blooce for written channes to IETE 202-229E



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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE
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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celeg & Freene



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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

EOG - EDDY COUNTY Project Location:

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

BTEX 8021B	mg/	'kg	Analyze	ed 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celey D. Keine



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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

Result <0.050 <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 06/09/2023 06/09/2023	Method Blank	BS 2.09	% Recovery	True Value QC	RPD	Qualifier
<0.050 <0.050	0.050			2.09	104	2.00		
<0.050		06/09/2023			101	2.00	0.426	
	0.050		ND	2.08	104	2.00	1.11	
-0.150	0.050	06/09/2023	ND	2.18	109	2.00	0.0263	
<0.150	0.150	06/09/2023	ND	6.45	108	6.00	0.0931	
<0.300	0.300	06/09/2023	ND					
110 9	% 71.5-13	4						
mg/	/kg	Analyze	ed By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1440	16.0	06/08/2023	ND	432	108	400	0.00	
mg/	'kg	Analyze	ed By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	06/08/2023	ND	190	95.2	200	0.208	
<10.0	10.0	06/08/2023	ND	177	88.6	200	1.61	
<10.0	10.0	06/08/2023	ND					
109 5	% 48.2-13	4						
121 9	% 49.1-14	8						
	<0.150 <0.300 110 9 mg/ Result 1440 mg/ Result <10.0 <10.0 <10.0	<0.150 0.150 <0.300 0.300 110 % 71.5-13 mg/kg Result Reporting Limit 1440 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0	<0.150	<0.150 06/09/2023 ND 110 % 71.5-134 71.5-134 Analyzed By: AC Result Reporting Limit Analyzed Method Blank 1440 16.0 06/08/2023 ND Result Reporting Limit Analyzed Method Blank <10.0	<0.150	<0.150	<0.150	<0.150

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Celeg D. Freene



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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

EOG - EDDY COUNTY Project Location:

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

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Celey D. Keine



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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

EOG - EDDY COUNTY Project Location:

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

BTEX 8021B	mg/	kg	Analyze	d 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 %	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	06/08/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	190	95.2	200	0.208	
DRO >C10-C28*	21.7	10.0	06/08/2023	ND	177	88.6	200	1.61	
EXT DRO >C28-C36	11.5	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

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Celey D. Keine



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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

EOG - EDDY COUNTY Project Location:

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

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

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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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.6	% 49.1-14	8						

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Analytical Results For:

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

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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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.7	% 49.1-14	8						

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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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.6	% 49.1-14	8						

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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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	53.7	% 49.1-14	8						

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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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.8	% 49.1-14	8						

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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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

Project Location: **EOG - EDDY COUNTY**

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	57.4	% 49.1-14	8						

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Celey D. Keine



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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea 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	% 71.5-13	4						
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	Analyze	ed 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*	28.2	10.0	06/09/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	10.6	10.0	06/09/2023	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	06/08/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	130	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	42.6	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	49.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.4	% 49.1-14	8						

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Celey D. Keine



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 - 16 4 1/2' (H232907-16)

BTEX 8021B	mg,	/kg	Analyze	d 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 5	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celeg D. Freene



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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.6	% 49.1-14	8						

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Celey D. Keene



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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

Project Location: **EOG - EDDY COUNTY**

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

BTEX 8021B	mg/	/kg	Analyze	d 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 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	06/08/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	67.2	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	18.9	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	48.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	52.9	% 49.1-14	8						

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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

Analyzed By: JH/

Project Location: EOG - EDDY COUNTY

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

BTEX 8021B

	9,	9	7	7: 5::.,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.4	% 49.1-14	8						

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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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	52.6	% 49.1-14	8						

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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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	06/08/2023	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed 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*	138	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	42.9	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	53.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.3	% 49.1-14	8						

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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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

B1EX 8021B	mg	кg	Anaiyze	ea 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.8	% 49.1-14	8						

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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 - 24 4 1/2' (H232907-24)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	06/08/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	389	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	159	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	53.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6720	16.0	06/08/2023	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	123	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	41.8	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	63.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.5	% 49.1-14	8						

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06/06/2023

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:

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 - 26 4 1/2' (H232907-26)

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	06/08/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	201	101	200	4.85	
DRO >C10-C28*	107	10.0	06/08/2023	ND	197	98.3	200	7.30	
EXT DRO >C28-C36	49.6	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	48.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	55.6	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	06/08/2023	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	1170	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	328	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

Project Location: **EOG - EDDY COUNTY**

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	06/08/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	87.2	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	20.6	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	06/08/2023	ND	416	104	400	3.77	QM-07
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	179	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	74.4	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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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 - 38 4 1/2' (H232907-31)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	06/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	437	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	200	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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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

Applyzod By: MC

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
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
Ethylbenzene*	0.088	0.050	06/12/2023	ND	2.20	110	2.00	1.81	NC1, QM-07, Q
Total Xylenes*	0.701	0.150	06/12/2023	ND	6.55	109	6.00	1.90	NC1, QM-07, Q
Total BTEX	0.789	0.300	06/12/2023	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	06/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed 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	
DRO >C10-C28*	8480	100	06/09/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	3330	100	06/09/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	212	% 49.1-14	8						

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Celey D. Keine



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

Analyzed By: MC

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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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	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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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

Applyzod By: MC

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

B1EX 8021B	mg	кg	Апануге	а ву: мѕ					
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	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

Project Location: **EOG - EDDY COUNTY**

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

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32400	16.0	06/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	349	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	142	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	111 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	140 9	% 49.1-14	8						

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Celey D. Keine



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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

Project Location: **EOG - EDDY COUNTY**

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

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 %	% 49.1-14	8						

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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

Applyzod By: MC

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	06/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	15.9	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.9	% 49.1-14	8						

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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

Analyzed By: MC

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	06/08/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2023	ND	182	91.1	200	8.88	
DRO >C10-C28*	149	10.0	06/08/2023	ND	184	92.2	200	7.38	
EXT DRO >C28-C36	52.7	10.0	06/08/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

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Celey D. Keine



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

Analyzed By: MS

Project Location: EOG - EDDY COUNTY

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

BTEX 8021B

DIEX OUZID	11197	ng .	Andryzo	u by. 1-15					
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	% 71.5-13	4						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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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

Analyzed By: MS

Project Location: EOG - EDDY COUNTY

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

BTEX 8021B

	<u> </u>	<u> </u>		• •					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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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Celeg D. Freene



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

Company Name: Tolor DC			
Project Manager:	BO #:		ANALYSIS REQUEST
Address: 408 W. Texas Ave	Company: EOG		
rtesia state: NM	zip: 88210 Attn-J.Haass		
t Owner:	EOG city:		
Project Location: EddyCounty	#:		
Sampler Name: N.ROSE	Fax #:		
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C)OMP.	TER		
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(575) 393-2326 FAX (575) 393-2476 101 East Marland, Hobbs, NM 88240

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		diaries,	client, its subsidiarie easons or otherwise.	ed by Cardinal within 30 days at itse, or loss of profits incurred by upon any of the above stated r	ause whatsoever shall be deemed waived unless made in writing and received by Caronia winn. 30 ags atter quental damages, rothoriding without affinitation, business interruptions, loss of use, or loss of positions or of services hereunder by Cartinal repartiless of whether such claim is based upon any of the above stated reas	use whatsoever shall be deemed w vental damages, including without lir f services hereunder by Cardinal, re	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Jedicina within 30 days after competion or experience. Support of the s	2 analyses. All claims includin Oservice. In no event shall Ca
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	_				(City:	Project Owner:	00438,307,01	Project #: 70
				Address:	Add	Fax #:	575.746.8768	Phone #: 575.
				Attn:J.Haass	zip: 88210 Attn	State: NM zip: 8	ш	city: Artesia
				Company: EOG	Con		Address: 408 W. Texas Ave	Address: 408
				#	P.O.		C. Hensley	Project Manager: C.
ANALYSIS REQUEST				BILL TO			Talon LPE	Company Name: Talon LPE
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(575) 393-2326 FAX (575) 393-2476 101 East Marland, Hobbs, NM 88240

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	able	ter completion of the applic client, its subsidiaries, easons or otherwise.	malyses. 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 effer completion of the policable service. In no event shall Cardinal be liable for incidental or consequential damages, including without finitiation, business interruptions, base of use, or loss of profits incurred by client, its substitiates, substitiates, in no event shall Cardinal be liable for incidental or consequential damages, including without finitiations, business interruptions, base of use, or loss of profits incurred by client, its substitiates, and the profit of the profits of t	emed waived unless made in writing ithout limitation, business interruption of whether such of	other cause whatsoever shall be de consequental damages, including v	ling those for negligence and any Cardinal be liable for incidental or	2023 analyses. All claims includ
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			City:		Project Owner:	438.307.01	Project #: 700438.307.01
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	* 1		AttnJ.Haass	Zip: 88210	State: NM	а	
			Company: EOG		е	408 W. Texas Ave	Address: 408
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ANALYSIS REQUEST			BILL TO			Talon LPE	Company Name:
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101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (FAX (575) 393-2476		
		BILL TO	ANALYSIS REQUEST
Project Manager: C. Hensley	P.O. #:		
Address: 408 W. Texas Ave	Company	Company: EUG	
city: Artesia	State: NM zip: 88210 AttnJ.Haass	laass	
e#: 575.746.8768	Fax #: Address:		
Project #: 700438.307.01	Project Owner: EOG city:		
Project Name: MitchellSWD	State:	Zip:	
Project Location: EddyCounty	Phone #:	7.5	
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101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	ANALYCIC
Company Name: Talon LPE	BILL 10
Project Manager: C. Hensley	P.O.#:
Ve	Company: EUG
city: Artesia state: NM zip: 88210	Attn-J. Haass
e#: 575.746.8768	Address:
Project #: 700438.307.01 Project Owner: EOG	City:
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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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE
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

Analyzed By MC

Project Location: EOG - EDDY COUNTY

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

DTEV 0021D

BTEX 8021B	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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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Celeg D. Freene

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(575) 393-2326 FAX (575) 393-2476		
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 #: 700438.307.01 Project Owner: E047	City:	
E E	State: Zip:	
Project Location: Eddy County	Phone #:	
	Fax #:	
	PRESERV. SAMPLING	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE TIME	BTEX TPH
1 SW-2 4.5" CI X	X 6-0-30	X X
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatever held 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 label for incidental or consequental damages, including which inflation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be label for incidental or consequence of services becaused the manufacture of whether such claim is besed turn on any of the above stated reasons or otherwise.	ect or tort, shall be limited to the amount paid by the client for the not received by Cardinal within 30 days after completion of the app to tose, or loss of profits incurred by client, its subsidiaries, is based unon any of the above stated reasons or otherwise, in a based unon any of the above stated reasons or otherwise.	plicable
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Page 4 of 4



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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



06/12/2023

Soil

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:

Sampling Type: Project Name: MITCHELL SWD Sampling Condition: Cool & Intact Project Number: 700438.307.01 Sample Received By: Shalyn Rodriguez

Analyzed By MC

Project Location: **EOG - EDDY COUNTY**

06/20/2023

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

Reported:

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	06/14/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	207	104	200	14.3	QM-07
DRO >C10-C28*	64.1	10.0	06/15/2023	ND	188	94.1	200	13.4	
EXT DRO >C28-C36	17.6	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keene



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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

EOG - EDDY COUNTY Project Location:

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

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

,

ma/ka

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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

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

RTFY 8021R

B1EX 8021B	mg/kg		Anaiyze	ea 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	06/14/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed 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*	4170	10.0	06/15/2023	ND	188	94.1	200	13.4	
EXT DRO >C28-C36	1420	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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Celey D. Keine



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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

ma/ka

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

RTFY 8021R

B1EX 8021B	mg	кg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4520	16.0	06/14/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	207	104	200	14.3	
DRO >C10-C28*	1010	10.0	06/15/2023	ND	188	94.1	200	13.4	
EXT DRO >C28-C36	313	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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Celey D. Keine



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

Analyzed By: JH/

Project Location: EOG - EDDY COUNTY

mg/kg

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

BTEX 8021B

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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

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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 Sample Received By: Project Number: 700438.307.01 Shalyn Rodriguez

EOG - EDDY COUNTY Project Location:

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	06/14/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	207	104	200	14.3	
DRO >C10-C28*	83.2	10.0	06/15/2023	ND	188	94.1	200	13.4	
EXT DRO >C28-C36	20.6	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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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: Coo

EOG - EDDY COUNTY

Project Name: MITCHELL SWD Sampling Condition: Cool & Intact
Project Number: 700438.307.01 Sample Received By: Shalyn Rodriguez

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	06/14/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed 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*	223	10.0	06/15/2023	ND	188	94.1	200	13.4	
EXT DRO >C28-C36	55.1	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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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

Analyzed By: 1H /

Project Location: EOG - EDDY COUNTY

ma/ka

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

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	06/14/2023	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	17.6	10.0	06/15/2023	ND	207	104	200	14.3	
DRO >C10-C28*	1070	10.0	06/15/2023	ND	188	94.1	200	13.4	
EXT DRO >C28-C36	335	10.0	06/15/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene



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

ecovery.

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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Celeg D. Freene

Sampler - UPS - Bus - Other:

Cardinal cannot account workel channes. Bleace fav written channes to IETE) 202_222E

CHECKED BY:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manager C 11	BILL TO ANALYSIS REQUEST	
rioject Manager: C. Hensley		
Address: 408 W. Texas Ave	Company: EOG	
city: Artesia state: NM zip: 88210	Attn: Haacc	
Fax #:	Address:	
	City:	
Project Name: SWD Mitchell		
Project Location: Eddy County	ordite: Z/p:	
Sampler Name: N. ROSA	Phone #:	
ENDIABLISE MILV	Fax #:	_
MATRIX D.	X PRESERV. SAMPLING	
Lab I.D. Sample I.D. OR (C)OME AINERS DWATER WATER		
CONT		
18 ¹	6/12/2:1301	
VC-28	?	
C-30	9	
	1322	
	9	
	?	
	1351	
	1358	
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether head is		
Inalyses. 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 arrives. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, the consequent of the applicable of consequents and the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ract or rort, shall be limited to the amount paid by the client for the rand received by Cardinal within 30 days after completion of the applicable ris, loss of use, or loss of profits incurred by client, its substitiaries, im is based upon any of the above stated treatment or or herovice.	
4	Phone Result:	
Retinquished By: Date: Received By:		
i i		
Sample Condition	ition CHECKED RV.	

Page 11 of 11



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE
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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.3	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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 Sample Received By: Project Number: 700438.307.01 Tamara Oldaker

EOG - EDDY COUNTY Project Location:

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

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

_																					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By:	Relinquished By:	PLEASE NOTE: Liability and Damages. Cardinal's liability and parages. Cardinal's liability analyses. All claims including those for negligence and a sandayses. All claims hall Cardinal be liable for incidental feliation.			2 C-45	1 (-40	H233190		lah ID	FOR LAB USE ONLY	Sampler Name:	Project Location: Eddy	Project Name: Mitchel	Project #: 700438.307.01	Phone #: 575-706-8768 Fax #:	city: Artesion	Address: 408 W. Te.	Project Manager: C. He	Company Name: 79 107	(575) 393-2326
Observed Temp. °C \nearrow , \nearrow Sample Condition Cool_Intact_Corrected Temp. °C \nearrow , \nwarrow Cool_Intact_Corrected Temp. °C \nearrow , \nwarrow Corrected Temp. °C \nearrow , \nwarrow Cool_Intact_Corrected Temp. °C \nearrow Cool_Intact_Corrected Te	Date: Received By:	ice of	clie ler c			61	-	# CO GRO	UNDV	R (C)ON NERS WATER	MA RIX	8.6 "	County		7.01 Project Owner: EOL7		State: N MZip: 88210	exas ove	costey	347	26 FAX (575) 393-2476
CHECKED BY:	IN Alliaby REMA	salm is based upon any of the above stated reasons or other. Verbal R All Resul	tract or tort, shall be limited to the amount paid by the cli g and received by Cardinal within 30 days after completions, loss of use, or loss of profits incurred by client, its su				×	OTHE DATE	ER:		PRESERV. SAMPLING	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn: J. Hears	Company: EOG	P.O. #:	BILL TO	
Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.6°C Thermometer ID #10 Corrected Temp. °C	REMARKS: 24 har Rush	Verbal Result:	client for the explicable subsidiaries,			XXX		TIME	CL BTG P	TX H										ANALYSIS REQUEST	
, ,,	*																				



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE
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

4 .. . l. d D. .. MC

Project Location: EDDY COUNTY.RE.CEH

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

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	06/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2023	ND	153	76.7	200	26.0	
DRO >C10-C28*	54.2	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

Analyzed By: MC

Project Location: EDDY COUNTY.RE.CEH

ma/ka

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

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4920	16.0	06/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2023	ND	153	76.7	200	26.0	
DRO >C10-C28*	14.8	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	18						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	The state of the s	
Project Manager: C. Hensley	P.O. #:	ANALTSIS REQUEST
Address: 408 W. Texas Ave	Company: EOG	
City: Artesia state: NM zip: 88210	AttnJ.Haass	
	Address:	
Project #: 700438.307.01 Project Owner: EOG	City:	
	State: Zin:	
Project Location: Eddy County	#	
Sampler Name: N. Rose	Fov #	
	1	
DMP.	PRESERV. SAMPLING	
Lab I.D. Sample I.D. Signal or (C) of CONTAINERS ROUNDWATER ASTEWATER DIL L UDGE		
C-29 8' C 1 V	06232 1018 / E	
C-30 4'	\.	
3 C-36 18' C 1	1051	
analyses. All claims including those for negligence and any other 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 affiliates or successors arising out of or related to the performance of services hereunder by Cardinal implicions, loss of use, or loss of profits incurred by client, its subsidiaries, if Refinquis for the state of the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.	tort, shall be limited to the amount paid by the client for the coeried by Cardinal within 30 days after completion of the applicable so fixes, or loss of profits incurred by client, its subsidiaries, seed upon any of the above stated reasons or otherwise.	
Ime; 300	Phone Result: Yes No REMARKS: No REMARKS: No No No No No No No N	o Add'I Phone #: o Add'I Fax #:
Time:		
0 –	CHECKED BY: 24 HOUR RUSH	
es t	75) 393-2326	



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE
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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/29/2023	ND	164	82.1	200	3.17	
DRO >C10-C28*	15.5	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keine



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

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:Talon LPE	****	BILL TO		
Project Manager: C. Hensley		P.O. #:		ANALTSIS REQUEST
Address: 408 W. Texas Ave		Company: EOG		
State: NM	zip: 88210	Attn: J.Haass		
Phone #: 575.746.8768 Fax #:		Address:		
Project #: 700438.307.01 Project Owner: EOG		City:		
Project Name: Mitchell		State: Zip:		
Project Location: Eddy County		#		
Sampler Name: N. Rose		Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV SAMPLING		
Lab I.D. Sample I.D.	G)RAB OR (C)OMP. CONTAINERS CROUNDWATER WASTEWATER OIL LUDGE	DATE	BTEX	
C-32 4.5'		× 10		
LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim anising whether beset in contrast as test while the cont	claim arising whether based in contract art			
nalyses. 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 envice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, filliates 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 researce or otherwise.	med waived unless made in writing and rec thout limitation, business interruptions, loss linal, regardless of whether such claim is ba	obever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the ages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated resonance or observies.	applicable	
Time	Received By:	Phone Result: Fax Result: REMARKS:	ult: Yes No	Add'l Phone #: Add'l Fax #:
Relinquished By: Date: Time:	ceived By:	REMARKS:		
Delivered By: (Circle One) 3.15) C.O.C.	Sample Condition Cool Intact Pres Pres	CHECKED BY: 24 Hour	ir.	

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

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 234913

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	234913
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwel	I None	7/3/2023