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# **Closure Report**

Tenneco SWD #1 Lea County, New Mexico API # 30-025-25762 nAPP2222440612

# **Prepared For:**

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

# **Prepared By:**

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

September 8, 2022



Mike Bratcher **NMOCD** 506 W. Texas Artesia, NM 88210

Subject:

**Closure Report** 

Tenneco SWD #1

Lea County, New Mexico API # 30-025-25762 nAPP2222440612

Dear Mr. Bratcher,

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 is presented herein.

# **Site Information**

The Tenneco SWD #1 is located approximately sixty-one (61) miles east of Artesia, New Mexico. The legal location for this release is Unit Letter P, Section 02, Township 11 South and Range 34 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 33.38845 and -103.47599. 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 Portales and Gomez loamy fine sand, with 0 to 3 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 the Ogallala Formation, lower Pliocene to Middle Miocene in age, and comprised of Calcareous loamy eolian deposits. Drainage courses in this area are typically well drained.

# **Ground Water and Site Characterization**

The New Mexico Office of the State Engineer Database indicates the nearest reported depth to groundwater is 24 feet below ground surface (bgs). See Appendix II for the referenced groundwater depth. Further research of the Bureau of Land Management Karst data indicates that this site is not situated within a Karst area.

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

<b>Approximate Depth to</b>	Groundwater	24	Feet/bgs
□Yes ⊠No	Within 300 feet of any continuously flowing watercourse any other significant watercourse	e or	
□Yes ⊠No	Within 200 feet of any lakebed, sinkhole or a playa lake	)	
□Yes ⊠No	Within 300 feet from an occupied permanent residence school, hospital, institution or church	,	
∐Yes ⊠No	Within 500 feet of a spring or a private, domestic fresh well used by less than five households for domestic or watering purposes		
∐Yes ⊠No	Within 1000 feet of any freshwater well or spring		
□Yes ⊠No	Within incorporated municipal boundaries or within a demunicipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA	oal	
□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		

Because the release occurred on a location where the well is plugged, location is to be reclaimed and is situated in an area with referenced shallow depths to groundwater, the cleanup criteria for the upper 4 feet of this site per NMAC 19.15.29.13.D is as follows:

	Tab	ole I	
	Closure Criteria for Soils	Impacted by a Release	
Depth below horizontal extents of release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 50 feet	Total Chlorides	EPA 300.0 or SM4500 CI B	600 mg/kg
	TPH	EPA SW-846 Method 8015M	100 mg/kg
	(GRO+DRO+MRO)		
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

# **Incident Description**

During routine site clean-up activities and decommissioning of the facility, EOG personnel noted historical staining in the containment area. EOG contracted Talon LPE to assess the area of impact. Due to the size of the impacted area and soil volume calculations, the NMOCD was notified of an incident. The NMOCD issued an incident number of **nAPP2222440612**. The site map is presented in Appendix I.

### Site Assessment

On August 05, 2022 Talon mobilized personnel to the site to conduct an initial site assessment. The impacted area was mapped utilizing a Trimble GEO XH 6000, photographed and soil sampled utilizing a hand auger. All soil samples were properly packaged, preserved, and transported to Cardinal laboratories via chain of custody for analysis of Total Chlorides (Method SM4500Cl-B), TPH (EPA Method 8015M), and BTEX (EPA Method 8021B). Sample locations are shown on the attached Figure 2 (Appendix I) and the results of our sampling event are presented on the following data table.

**Table I**08/10/2022 Soil Sample Laboratory Results

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg			
NMOCD Tab	le 1 Closure Crito NMAC	eria 19.15.29	50 mg/kg	10 mg/kg	DRO + GRO + MRO 100 mg/l		mbined =	100 mg/kg	600 mg/kg			
	8/5/2022	0-1'	ND	ND	ND	ND	ND	0	352			
6.1	8/5/2022	2'	ND	ND	ND	ND	11.2	11.2	368			
S-1	8/5/2022	3'	ND	ND	ND	ND	ND	0	752			
	8/5/2022	4'	ND	ND	ND	ND	ND	0	1070			
6.2	8/5/2022	0-1'	ND	ND	ND	ND	ND	0	64			
S-2	8/5/2022	2' R	ND	ND	ND	ND	ND	0	48			
	8/5/2022	0-1'	ND	ND	ND	ND	ND	0	2480			
S-3	8/5/2022	2'	ND	ND	ND	ND	ND	0	448			
	8/5/2022	3' R	ND	ND	ND	ND	ND	0	960			
C 4	8/5/2022	0-1'	ND	ND	ND	301	266	567	64			
S-4	8/5/2022	2' R	ND	ND	ND	129	99.1	228.1	112			
S-5	8/5/2022	0'	ND	ND	ND	ND	ND	0	32			
S-6	8/5/2022	0'	ND	ND	ND	ND	ND	0	48			
S-7	8/5/2022	0'	ND	ND	ND	71.2	124	195.2	32			
S-8	8/5/2022	0'	ND	ND	ND	ND	ND	0	32			
	ND = Analyte Not Detected R =Rock refusal with hand auger											

See Appendix IV for the complete report of laboratory results.

On August 26<sup>th</sup> through August 30th, 2022 based on the laboratory results from the initial site assessment and upon client authorization, Talon personnel and equipment were mobilized to the site to advance a test trench in the area of S-3 and S-4 respectively to ascertain the vertical extent of impact and to verify that no impediment of the vadose zone occurred. Field titration data was used to guide the depths of test trench and vertical remediation of all remaining sample positions. Sidewall samples were retrieved in order to confirm horizontal extent of the impact. All soil samples were properly collected and preserved for transport to Cardinal Laboratories for analysis of Total Chloride, BTEX, and TPH analyte levels. The confirmation results from the laboratory are tabulated below. Confirmation sample locations are illustrated on Figure 3 (Appendix I).

**Table II**08/29/22 Soil Sample Laboratory Results

				. con camp					
Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
	Table 1 Closur 19.15.29 NMA		50 mg/kg	10 mg/kg		RO + MRO ( = 100 mg/kį	100 mg/kg	600 mg/kg	
S-1	8/29/2022	5'	ND	ND	ND	ND	ND	0	496
S-9	8/29/2022	5'	ND	ND	ND	ND	ND	0	480
S-7	8/29/2022	1'	ND	ND	ND	ND	ND	0	48
TT3-4	8/26/2022	4'	ND	ND	ND	ND	ND	0	1680
113-4	8/26/2022	6'	ND	ND	ND	ND	ND	0	256
N.SW1	8/26/2022	5'	ND	ND	ND	ND	ND	0	608
N.SW-1A	8/30/2022	2' *	ND	ND	ND	ND	ND	0	192
E.SW1	8/26/2022	5'	ND	ND	ND	ND	ND	0	496
W.SW1	8/26/2022	5'	ND	ND	ND	ND	ND	0	480
SSW1	8/26/2022	5'	ND	ND	ND	ND	ND	0	400
	ND	=Not Detected	d TT= Test	Trench SW=S	ide Wall *	= Horizonta	al extension		

See Appendix IV for the complete report of laboratory results.

# Remedial Actions

- The impacted area was excavated from depths of 4 feet to 5 feet bgs, and to the horizontal extent that all surface staining and hydrocarbon odors were removed. Laboratory analysis confirms that NMOCD closure criteria has been met.
- Background samples at S-5, S-6, and S-8 as well as sidewall samples were obtained in order to confirm horizontal remediation had been achieved.
- The top 4 feet bgs has been reclaimed in accordance with NMOCD 19.15.29.13(D)(1) NMAC.
- All contaminated soil was transported to Gandy Marley, LLC, a NMOCD approved solid waste disposal facility.
- The excavated area was backfilled with clean caliche to 2 feet bgs, followed with a 2 foot cap of clean topsoil-sand native to the area, and reseeded in accordance with NMSLO guidelines.

# Closure

Based on this site characterization, remedial actions completed, and analytical results, we request that no further actions be required and that closure with regard to this incident be granted.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-746-8768.

Respectfully submitted,

Talon/LPE

Rebecca S. Pons Senior Environmental Project Manager

Attachments:

Appendix I Site Plans

Appendix II Groundwater Data, Soil Survey Appendix III Photographic Documentation

Appendix IV Laboratory Data

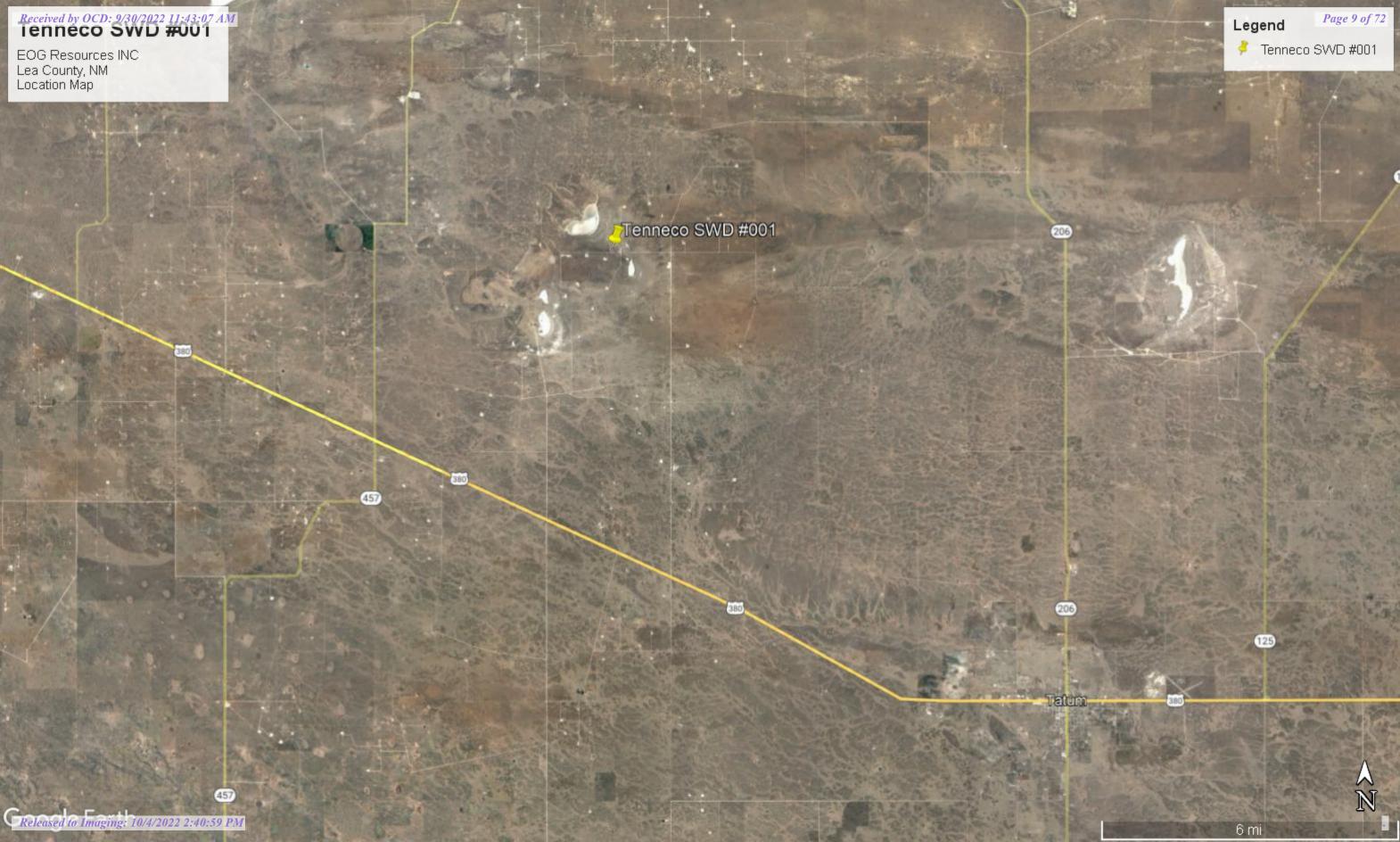
Appendix V Seed Tag

Appendix VI C-141, NMOCD Correspondence



# **Appendix I**

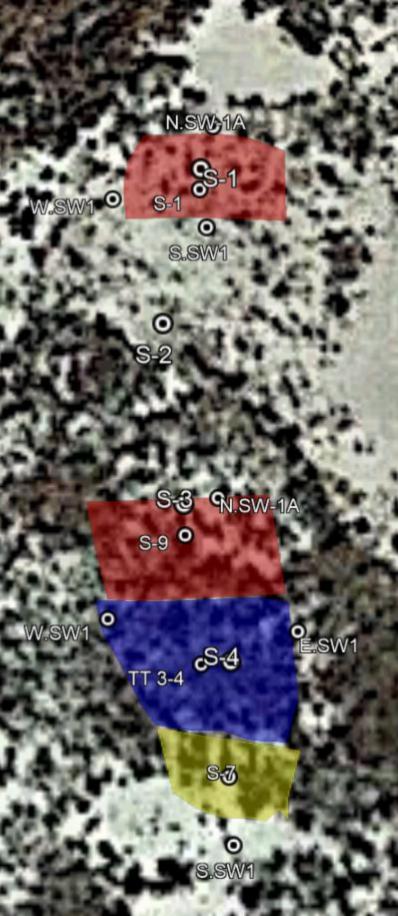
Site Maps





# Received by OCD: 9/30/2022 11:43:07 AM TENNECO SVVD #001

EOG Resources, Inc. Lea County, NM Site Confirmation Map



Legend

1 foot
foot
foot
foot
Sample Position
Tenneco SWD #001







# **Appendix II**

Groundwater Data, & Soil Survey



# New Mexico Office of the State Engineer

# Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

POD

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

		Sub-		Λ	Q	Λ								V	Vater
POD Number	Code		County				Sec	Tws	Rng	X	Y	DistanceDep	othWellDep		
L 14746 POD1		L	LE	1	1	3	05	11S	35E	645411	3695945 🌎	3707	160	24	136
<u>L 00372</u>		L	СН			2	23	11S	34E	641710	3691658*	3732	76		
<u>L 00392</u>		L	СН			1	24	11S	34E	642513	3691670*	3798	110		
<u>L 00371</u>		L	LE		3	1	23	11S	34E	641408	3691556	3848	76		
<u>L 00393</u>		L	СН	2	2	4	23	11S	34E	642016	3691159*	4239	120		
<u>L 00396</u>		L	LE	1	4	4	23	11S	34E	641822	3690756*	4634	460		
<u>L 00399</u>		L	LE	1	3	3	24	11S	34E	642224	3690762*	4652	105		
<u>L 00397</u>		L	LE	2	4	3	23	11S	34E	641219	3690744*	4675	80		
<u>L 10199</u>		L	LE		2	2	21	11S	34E	638684	3691821*	4702	51		
<u>L 00395</u>		L	LE	3	4	3	24	11S	34E	642626	3690568*	4901	100		
<u>L 06372</u>		L	LE		3	1	16	11S	34E	637458	3693013*	4902	124	80	44

Average Depth to Water:

52 feet

Minimum Depth:

24 feet

Maximum Depth:

80 feet

**Record Count:** 11

**UTMNAD83 Radius Search (in meters):** 

**Easting (X):** 641745.44

**Northing (Y):** 3695389.94

Radius: 5000

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

<sup>\*</sup>UTM location was derived from PLSS - see Help



# New Mexico Office of the State Engineer

# **Point of Diversion Summary**

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng X 645411

22450 L 14746 POD1 1 1 3 05 11S 35E

Y 3695945

**Driller Company:** SHADE TREE DRILLING **Driller License:** 1737

**Driller Name:** JUSTIN MULLINS

**Drill Start Date:** 10/13/2019 **Drill Finish Date:** 10/14/2019 Plug Date:

Log File Date: 02/10/2020 **PCW Rcv Date:** Shallow Source: **Pump Type: Pipe Discharge Size: Estimated Yield:** 20 GPM

**Casing Size:** 6.00 **Depth Well:** 160 feet Depth Water: 24 feet

> **Water Bearing Stratifications: Top Bottom Description**

> > 24 26 Sandstone/Gravel/Conglomerate 40 45 Sandstone/Gravel/Conglomerate

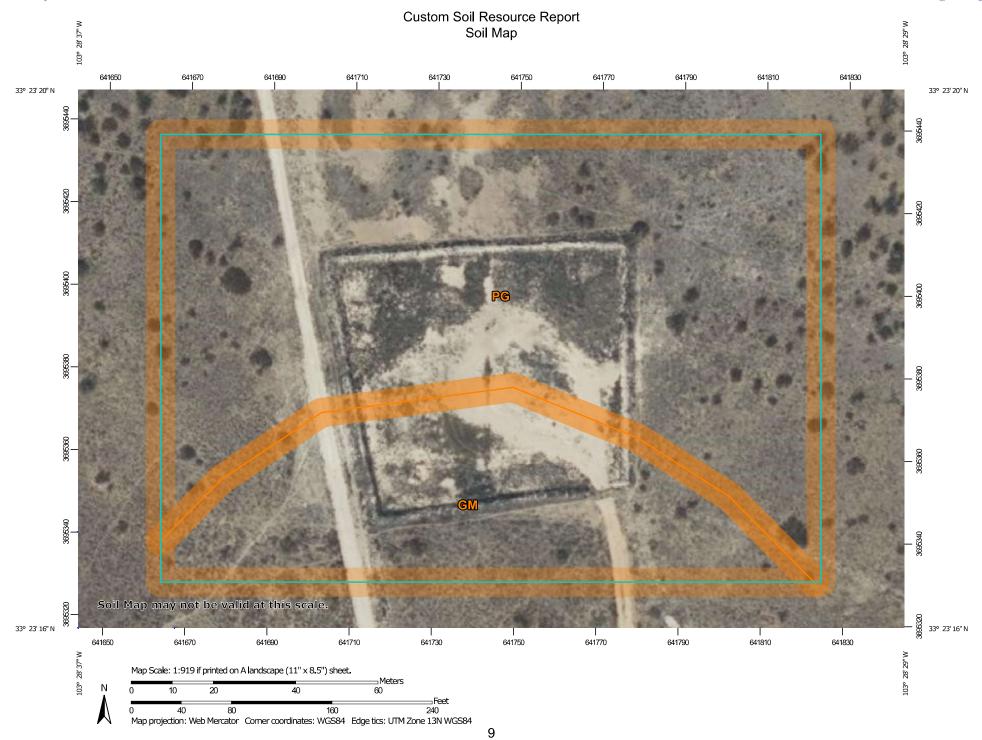
**Casing Perforations:** Top Bottom

> 20 60 120 160

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

7/29/22 11:56 AM

POINT OF DIVERSION SUMMARY



# Lea County, New Mexico

# GM—Gomez loamy fine sand, dry, 0 to 3 percent slopes

# **Map Unit Setting**

National map unit symbol: 2tw2y Elevation: 2,500 to 4,800 feet

Mean annual precipitation: 14 to 16 inches Mean annual air temperature: 57 to 63 degrees F

Frost-free period: 180 to 220 days

Farmland classification: Farmland of statewide importance

# **Map Unit Composition**

Gomez, dry, and similar soils: 85 percent

Minor components: 15 percent

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

# **Description of Gomez, Dry**

# Setting

Landform: Plains, draws

Landform position (two-dimensional): Footslope, backslope

Down-slope shape: Linear, concave

Across-slope shape: Linear

Parent material: Calcareous loamy eolian deposits

# Typical profile

A - 0 to 12 inches: loamy fine sand 2Bk1 - 12 to 29 inches: sandy clay loam 2Bk2 - 29 to 61 inches: fine sandy loam 3Btk - 61 to 80 inches: fine sandy loam

# Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high

(0.57 to 1.98 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: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Moderate (about 7.5 inches)

### Interpretive groups

Land capability classification (irrigated): 4e Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: B

Ecological site: R077DY046TX - Sandy 12-17" PZ

Hydric soil rating: No

Received by OCD: 9/30/2022 11:43:07 AM

# Custom Soil Resource Report

### **Minor Components**

#### Ratliff

Percent of map unit: 6 percent Landform: Playa steps, plains Down-slope shape: Convex, linear

Across-slope shape: Linear

Ecological site: R077DY042TX - Limy Upland 12-17" PZ

Hydric soil rating: No

### **Triomas**

Percent of map unit: 4 percent

Landform: Plains

Down-slope shape: Convex Across-slope shape: Linear

Ecological site: R077DY046TX - Sandy 12-17" PZ

Hydric soil rating: No

#### Jalmar

Percent of map unit: 3 percent

Landform: Plains

Down-slope shape: Linear Across-slope shape: Linear

Ecological site: R077DY046TX - Sandy 12-17" PZ

Hydric soil rating: No

#### Penwell

Percent of map unit: 2 percent Landform: Dunes, interdunes

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Down-slope shape: Convex, linear, concave

Across-slope shape: Convex

Ecological site: R077DY045TX - Sand Hills 12-17" PZ

Hydric soil rating: No

# PG—Portales and Gomez fine sandy loams

### **Map Unit Setting**

National map unit symbol: dmqm Elevation: 3,600 to 4,400 feet

Mean annual precipitation: 12 to 16 inches Mean annual air temperature: 58 to 60 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Farmland of statewide importance

#### **Map Unit Composition**

Portales and similar soils: 46 percent Gomez and similar soils: 44 percent Minor components: 10 percent

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

Received by OCD: 9/30/2022 11:43:07 AM

# **Description of Portales**

# Setting

Landform: Plains

Landform position (three-dimensional): Dip

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Calcareous alluvium and/or calcareous eolian deposits derived

from sedimentary rock

# **Typical profile**

A - 0 to 8 inches: fine sandy loam Bk - 8 to 60 inches: clay 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: 50 percent

Gypsum, maximum content: 1 percent

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

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: High (about 11.0 inches)

# Interpretive groups

Land capability classification (irrigated): 3e Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: R077CY035TX - Sandy 16-21" PZ

Hydric soil rating: No

## **Description of Gomez**

# Setting

Landform: Plains

Landform position (three-dimensional): Dip

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Calcareous alluvium and/or calcareous lacustrine deposits

derived from sedimentary rock

# Typical profile

A - 0 to 6 inches: fine sandy loam

Bk1 - 6 to 22 inches: fine sandy loam

Bk2 - 22 to 60 inches: fine sandy loam

### Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Very low

Received by OCD: 9/30/2022 11:43:07 AM

# Custom Soil Resource Report

Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00

in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 50 percent

Gypsum, maximum content: 1 percent

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

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Moderate (about 6.2 inches)

# Interpretive groups

Land capability classification (irrigated): 3e Land capability classification (nonirrigated): 4c

Hydrologic Soil Group: A

Ecological site: R077CY035TX - Sandy 16-21" PZ

Hydric soil rating: No

# **Minor Components**

#### Lea

Percent of map unit: 5 percent

Ecological site: R077CY028TX - Limy Upland 16-21" PZ

Hydric soil rating: No

#### Arvana

Percent of map unit: 3 percent

Ecological site: R077CY035TX - Sandy 16-21" PZ

Hydric soil rating: No

# Amarillo

Percent of map unit: 2 percent

Ecological site: R077CY056NM - Sandy Plains

Hydric soil rating: No



# **Appendix III**

Photographic Documentation





**Photograph No.1 Description:** 

Wellsite Marker



**Photograph No.2 Description:** 

Impacted Area flagged for sample positions.



**Photograph No.3 Description:** 

South end of excavation and test trench



**Photograph No.4 Description:** 

North end of excavation





**Photograph No.5 Description:** 

Backfill of excavation.



**Photograph No.6 Description:** 

Location terraced, and seeded.



# **Appendix IV**

Laboratory Data



August 10, 2022

**REBECCA PONS** 

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TENNECO SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 08/08/22 11:30.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 08/08/2022
 Sampling Date:
 08/05/2022

 Reported:
 08/10/2022
 Sampling Type:
 Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA CO NM

# Sample ID: S - 1 0-1' (H223524-01)

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	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	<0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	191	95.7	200	1.17	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	201	101	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					
Surrogate: 1-Chlorooctane	92.5	% 43-149	)						
Surrogate: 1-Chlorooctadecane	103	% 42.5-16	1						

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



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EOG - LEA CO NM

ma/ka

# Sample ID: S - 1 2' (H223524-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	<0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/10/2022	ND	432	108	400	3.77	
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	08/09/2022	ND	191	95.7	200	1.17	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	201	101	200	4.28	
EXT DRO >C28-C36	11.2	10.0	08/09/2022	ND					
Surrogate: 1-Chlorooctane	105	% 43-149	)						
Surrogate: 1-Chlorooctadecane	117	% 42.5-16	1						

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Celey D. Keene



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EOG - LEA CO NM

ma/ka

# Sample ID: S - 1 3' (H223524-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	<0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	191	95.7	200	1.17	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	201	101	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 43-149	)						
Surrogate: 1-Chlorooctadecane	107	% 42.5-16	1						

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Celey D. Keene



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EOG - LEA CO NM

ma/ka

# Sample ID: S - 1 4' (H223524-04)

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	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	<0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-140	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	191	95.7	200	1.17	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	201	101	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 43-149							
Surrogate: 1-Chlorooctadecane	112	% 42.5-16.	1						

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Celey D. Keine



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EOG - LEA CO NM

ma/ka

# Sample ID: S - 2 0-1' (H223524-05)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	<0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-140	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/10/2022	ND	432	108	400	3.77	
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	08/09/2022	ND	191	95.7	200	1.17	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	201	101	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 43-149							
Surrogate: 1-Chlorooctadecane	101	% 42.5-16.	1						

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Celey D. Keine



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EOG - LEA CO NM

ma/ka

# Sample ID: S - 2 2' R (H223524-06)

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	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	<0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	191	95.7	200	1.17	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	201	101	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	118	% 43-149	1						
Surrogate: 1-Chlorooctadecane	133	% 42.5-16	1						

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Celey D. Keene



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EOG - LEA CO NM

ma/ka

# Sample ID: S - 3 0-1' (H223524-07)

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	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	<0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	206	103	200	11.9	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	229	114	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 43-149							
Surrogate: 1-Chlorooctadecane	102	% 42.5-16	1						

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Celey D. Keene



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022 Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact Sample Received By: Project Number: 700438.299.01 Shalyn Rodriguez

Project Location: EOG - LEA CO NM

# Sample ID: S - 3 2' (H223524-08)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	< 0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	nalyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	206	103	200	11.9	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	229	114	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	98.3 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	97.3 9	% 42.5-16	1						

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Celey D. Keene



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: EOG - LEA CO NM

mg/kg

# Sample ID: S - 3 3' R (H223524-09)

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	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	<0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	206	103	200	11.9	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	229	114	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	90.7	% 42.5-16	1						

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Celey D. Keine



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EOG - LEA CO NM

ma/ka

# Sample ID: S - 4 0-1' (H223524-10)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	<0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/10/2022	ND	432	108	400	3.77	
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	08/10/2022	ND	206	103	200	11.9	
DRO >C10-C28*	301	10.0	08/10/2022	ND	229	114	200	7.06	
EXT DRO >C28-C36	266	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 43-149							
Surrogate: 1-Chlorooctadecane	94.0	% 42.5-16	1						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA CO NM

# Sample ID: S - 4 2' R (H223524-11)

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	08/10/2022	ND	1.84	92.2	2.00	8.29	
Toluene*	<0.050	0.050	08/10/2022	ND	2.03	101	2.00	9.75	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.97	98.7	2.00	11.1	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.17	103	6.00	12.0	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	206	103	200	11.9	
DRO >C10-C28*	129	10.0	08/10/2022	ND	229	114	200	7.06	
EXT DRO >C28-C36	99.1	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	94.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	94.3	% 42.5-16	1						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



08/05/2022

# Analytical Results For:

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

Received: 08/08/2022 Sampling Date:

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA CO NM

# Sample ID: S - 5 0' (H223524-12)

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	08/09/2022	ND	1.87	93.7	2.00	0.622	
Toluene*	<0.050	0.050	08/09/2022	ND	1.96	97.8	2.00	0.0556	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.00	99.8	2.00	0.0423	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.14	102	6.00	0.230	
Total BTEX	<0.300	0.300	08/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	206	103	200	11.9	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	229	114	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	97.5	% 43-149	)						
Surrogate: 1-Chlorooctadecane	93.6	% 42.5-16	1						

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Celeg D. Freene



08/05/2022

# Analytical Results For:

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

Received: 08/08/2022 Sampling Date:

ma/ka

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: EOG - LEA CO NM

# Sample ID: S - 6 0' (H223524-13)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2022	ND	1.87	93.7	2.00	0.622	
Toluene*	<0.050	0.050	08/09/2022	ND	1.96	97.8	2.00	0.0556	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.00	99.8	2.00	0.0423	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.14	102	6.00	0.230	
Total BTEX	<0.300	0.300	08/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	ND	432	108	400	3.77	
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	08/10/2022	ND	206	103	200	11.9	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	229	114	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	90.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	89.6	% 42.5-16	1						

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Celey D. Keine



# Analytical Results For:

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

Received: 08/08/2022 Sampling Date: 08/05/2022

Reported: 08/10/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact Sample Received By: Project Number: 700438.299.01 Shalyn Rodriguez

Project Location: EOG - LEA CO NM

# Sample ID: S - 7 0' (H223524-14)

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	08/09/2022	ND	1.87	93.7	2.00	0.622	
Toluene*	< 0.050	0.050	08/09/2022	ND	1.96	97.8	2.00	0.0556	
Ethylbenzene*	< 0.050	0.050	08/09/2022	ND	2.00	99.8	2.00	0.0423	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.14	102	6.00	0.230	
Total BTEX	<0.300	0.300	08/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	206	103	200	11.9	
DRO >C10-C28*	71.2	10.0	08/10/2022	ND	229	114	200	7.06	
EXT DRO >C28-C36	124	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	103 %	6 43-149	1						
Surrogate: 1-Chlorooctadecane	107 %	6 42.5-16	1						

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Celey D. Keine



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

# Analytical Results For:

TALON LPE **REBECCA PONS** 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received: 08/08/2022 Sampling Date: 08/05/2022 Soil

Reported: 08/10/2022 Sampling Type: Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact

Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez Project Location: EOG - LEA CO NM

# Sample ID: S - 8 0' (H223524-15)

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	08/09/2022	ND	1.87	93.7	2.00	0.622	
Toluene*	<0.050	0.050	08/09/2022	ND	1.96	97.8	2.00	0.0556	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.00	99.8	2.00	0.0423	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.14	102	6.00	0.230	
Total BTEX	<0.300	0.300	08/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/10/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	206	103	200	11.9	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	229	114	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	102 %	% 43-149	)						
Surrogate: 1-Chlorooctadecane	102 9	42.5-16	1						

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# **Notes and Definitions**

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

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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Celey D. Keene



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

	S-1 0-1' 6 1 X X 8-5-11	S-1 2' S-1 3'	S-1 4'	0-1-	0-1	S-3 2'	S-3 3' R	D-4 U-1  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 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 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 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 PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tot, shall be limited to the amount paid by the client for the PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tot, shall be limited to the amount paid by the client for the PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tot, shall be limited to the amount paid by the client.	t:   Yes   No	Date:  Received By:  Fax Result:	Candition
1.1 4'  1.1 4'  1.2 0-11'  1.3 0-11'  1.3 3 2'  1.3 3 3' R  1.4 0-1'  1.5 0-	policable  Yes No  Yes No	tt:	tt:	tt:	policable  Tyes No  Yes No	tt:	tt:	It:   Yes   No   No   No   No   No   No   No   N	Fax Result:   Yes   No   No   No   No   No   No   No   N	Sample Condition Cool Intact Cool No No No	the barrier Blosse fay written changes to (575) 393-2326



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(5)	(575) 393-2326 FAX (575) 393-2476				A	ANALYSIS REQUEST	JEST
Company Name: Talon LPE	alon LPE		BILL 10	-	],	- 1	
Project Manager: R. Pons	R. Pons	P	P.O. #:			_	
Address: 408 V	s Ave		Company:			_	
city: Artesia	State: NM	zip: 88210	Attn:	_			
Phone #: 575.746.8768			Address:	_			
Project #: 700438.299.01	38.299.01 Project Owner: EOG		City:				
Project Name: Te	<b>VD</b> #(		State: Zip:			_	
Project Location:	Project Location: Lea County, NM		Phone #:				
Sampler Name: J.	. Carnes		7	3			
FOR LAB USE ONLY			TREGERY OF THE	cid:			1
Lab I.D.	Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER:	Chlor TPH	BTEX		
// 8	R	- 2	X 8.5.73 (	12'30			
12 8	S-5 0'			7			
13	0-0 U			70			
14 8				75			
15 8	S-8 0°						
			the first factor among the state of the same of the state of the same of the state	the client for the			
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Car	PLEASE NOTE: Liability and Damages. Cardina's liability and clients exclusive femency for any camin arising winever account of the policiable analyses. A claims including those for negligence and any other cause whatsoever shall be deemed valved unless made in withing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valved unless made in withing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether the claims and the property of the policy state of	chaint arising who were been writing and thought waived unless made in writing and thought imitation, business interruptions, it who there each claim is a support of the control of the c	ent's exclusive remedy for any camin arising writering and received by Cardinal within 30 days after completion of the ar- cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the ar- cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion to state of the same of the store stated reasons or otherwise.	oplicab			
affiliates or successors arising Relinquished By:	ed By:  Time:    So  Date:  Date:    So	Received By:	Cion La Partie de la Cion de la C	1	☐ Yes ☐ No	Add'l Fax #:	
me ill diological	Time:						
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Delivered By: (Circle One) - ユルノン Cのほこ Sampler - UPS - Bus - Other: ーカパナル(ろ	Sample Condition Cool Intact Cool Intact Yes Yes No No	ion CHECKEDBY:	pa 2	of 2		
		ı		(			



August 29, 2022

**REBECCA PONS** 

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TENNECO SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 08/26/22 16:25.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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
REBECCA PONS
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

 Received:
 08/26/2022
 Sampling Date:
 08/26/2022

 Reported:
 08/29/2022
 Sampling Type:
 Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

# Sample ID: S - 1 5' (H223946-01)

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	08/29/2022	ND	2.18	109	2.00	2.19	
Toluene*	<0.050	0.050	08/29/2022	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.08	104	2.00	2.16	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.46	108	6.00	2.88	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/29/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	79.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.1	% 46.3-17	8						

Cardinal Laboratories \*=Accredited Analyte

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# Analytical Results For:

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

Received: 08/26/2022 Sampling Date: 08/26/2022

Reported: 08/29/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

# Sample ID: S - 9 5' (H223946-02)

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	08/29/2022	ND	2.18	109	2.00	2.19	
Toluene*	<0.050	0.050	08/29/2022	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.08	104	2.00	2.16	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.46	108	6.00	2.88	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/29/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

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

Received: 08/26/2022 Sampling Date: 08/26/2022

Reported: 08/29/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact Project Number: 700438.299.01 Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

# Sample ID: S - 7 1' (H223946-03)

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	08/29/2022	ND	2.18	109	2.00	2.19	
Toluene*	<0.050	0.050	08/29/2022	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.08	104	2.00	2.16	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.46	108	6.00	2.88	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/29/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	90.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	6 46.3-17	8						

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Celeg D. Freene



# Analytical Results For:

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

Received: 08/26/2022 Sampling Date: 08/26/2022

Reported: 08/29/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact Sample Received By: Project Number: 700438.299.01 Tamara Oldaker

Project Location: EOG - LEA CO NM

# Sample ID: TT 3-4 4' (H223946-04)

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	08/29/2022	ND	2.18	109	2.00	2.19	
Toluene*	<0.050	0.050	08/29/2022	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.08	104	2.00	2.16	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.46	108	6.00	2.88	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	08/29/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.8	% 46.3-17	8						

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Celeg D. Freene



# Analytical Results For:

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

Received: 08/26/2022 Sampling Date: 08/26/2022

Reported: 08/29/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

# Sample ID: TT 3-4 6' (H223946-05)

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	08/29/2022	ND	2.18	109	2.00	2.19	
Toluene*	<0.050	0.050	08/29/2022	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.08	104	2.00	2.16	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.46	108	6.00	2.88	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/29/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.9	% 46.3-17	8						

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Celeg D. Freene



# Analytical Results For:

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

Received: 08/26/2022 Sampling Date: 08/26/2022

Reported: 08/29/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

# Sample ID: N. SW1 5' (H223946-06)

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	08/29/2022	ND	2.18	109	2.00	2.19	
Toluene*	<0.050	0.050	08/29/2022	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.08	104	2.00	2.16	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.46	108	6.00	2.88	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	08/29/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	78						

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Celey D. Kune



# Analytical Results For:

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

Received: 08/26/2022 Sampling Date: 08/26/2022

Reported: 08/29/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact Sample Received By: Project Number: 700438.299.01 Tamara Oldaker

Project Location: EOG - LEA CO NM

# Sample ID: E. SW1 5' (H223946-07)

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	08/29/2022	ND	2.18	109	2.00	2.19	
Toluene*	<0.050	0.050	08/29/2022	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.08	104	2.00	2.16	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.46	108	6.00	2.88	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/29/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	93.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	6 46.3-17	8						

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Celeg D. Freene



# Analytical Results For:

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

Received: 08/26/2022 Sampling Date: 08/26/2022

Reported: 08/29/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Tamara Oldaker

Project Location: EOG - LEA CO NM

# Sample ID: W. SW1 5' (H223946-08)

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	08/29/2022	ND	2.18	109	2.00	2.19	
Toluene*	<0.050	0.050	08/29/2022	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.08	104	2.00	2.16	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.46	108	6.00	2.88	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/29/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	92.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Celey D. Keine



# Analytical Results For:

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

Received: 08/26/2022 Sampling Date: 08/26/2022

Reported: 08/29/2022 Sampling Type: Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact Sample Received By: Project Number: 700438.299.01 Tamara Oldaker

Project Location: EOG - LEA CO NM

# Sample ID: S. SW1 5' (H223946-09)

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	08/29/2022	ND	2.18	109	2.00	2.19	
Toluene*	<0.050	0.050	08/29/2022	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.08	104	2.00	2.16	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.46	108	6.00	2.88	
Total BTEX	<0.300	0.300	08/29/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/29/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					
Surrogate: 1-Chlorooctane	78.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.4	% 46.3-17	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# **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

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Cool Intact
A Yes A Yes
No No

Sampler - UPS - Bus - Other:



September 01, 2022

**REBECCA PONS** 

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TENNECO SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 08/31/22 14:35.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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 REBECCA PONS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

 Received:
 08/31/2022
 Sampling Date:
 08/30/2022

 Reported:
 09/01/2022
 Sampling Type:
 Soil

Project Name: TENNECO SWD #001 Sampling Condition: Cool & Intact
Project Number: 700438.299.01 Sample Received By: Shalyn Rodriguez

Project Location: EOG - LEA CO NM

# Sample ID: N. SW - 1A (H223994-01)

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	09/01/2022	ND	2.14	107	2.00	1.43	
Toluene*	<0.050	0.050	09/01/2022	ND	2.07	104	2.00	1.50	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	2.04	102	2.00	1.84	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	6.32	105	6.00	1.48	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/01/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.06	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	213	107	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.3	% 46.3-17	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 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**

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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

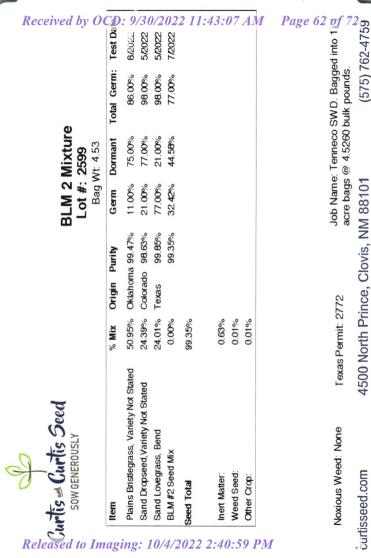
# 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Delivered By: Sampler - UPS	п	Rélinquished By:	Relinquished By:	analyses. All claims includin service. In no event shall Ca affiliates or successors arisin						-	Lab I.D.	FOR LAB USE ONLY	Sampler Name: J. Carnes	Project Location	Project Name: T	Project #: 700438.299.01	Phone #: 575.746.8768	city: Artesia	Address: 408	Project Manager: R. Pons	Company Name: Talon LPE
Delivered By: (Circle One) Campler - UPS - Bus - Other:		- College	.:	LEASE NOTE: Leaniny and Jernages, cardinates leading and nalyses. All claims including those for negligence and any oth ervice. In no event shall Cardinal be liable for incidental or cor filiates or successors arising out of or related to the performan	Donata Carding Inhibit				N.SW-1A		Sample I.D.		J. Carnes	Project Location: Lea County, NM	Project Name: Tenneco SWD #001	138.299.01	746.8768		Address: 408 W. Texas Ave	R. Pons	Talon LPE
Delivered By: (Circle One) 女らん・〇・ほと Sampler - UPS - Bus - Other: スタシ 半パろ	Time:	Date: 1435	≪₽	er cause was equental noe of servi	and aliante avaluates remodu						le I.D.			, NM	D #001	Project Owner: EOG	Fax #:	State: NM	/e		
,		Received By:	Received By:	hatsoever shall be deemed waived unless me hatsoever shall be deemed waived unless me damages, including without limitation, busine ces hereunder by Cardinal, regardless of who	for any claim arising whether				~	- #	G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER					ner: EOG		1 zip: 88210			
le Condition Intact es Yes		grans		ade in writing and received by Cardinal within 30 days a sas interruptions, loss of use, or loss of profits incurred b ether such claim is based upon any of the above stated	hased in contract or tort shall					3	SOIL DIL SLUDGE OTHER: ACID/BASE:	MATRIX PRE	Fax #:	Phone #:	State:	City:	Address:	Attn:	Company:	P.O. #:	
(mitials)		2		Cardinal within 30 days after or loss of profits incurred by con any of the above stated rea	he limited to the amount paid				× 8-30-22		OTHER:	PRESERV. SAMPLING		#:	Zip:		S:		ıny:		BILL TO
0		2-Day	Phone Result: Fax Result:	completion of the applicablent, its subsidiaries, sons or otherwise.	by the client for the				10:00		Chlori		25								-
~		4 Rush	☐ Yes ☐ No	ē					*		BTEX				×			_			
			Add'l Phone #: Add'l Fax #:					7													ANALYSIS R
																					REQUEST
																					-



# Appendix V

Seed Tag



Other Crop:

curtisseed.com

BLM #2 Seed Mix Weed Seed: Inert Matter: Seed Total Item to Imaging:



Appendix VI

NMOCD

C-141

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2222440612
District RP	
Facility ID	
Application ID	

# **Release Notification**

# **Responsible Party**

Responsible Party	EOG F	Resources, Inc.		OGR	<sup>ID</sup> 7377					
		/ Haass		Conta	Contact Telephone 575-748-1471					
Contact email Jer	emy_l	Haass@eogres	sources.com	Incid	ent #nAPP22224406	512				
Contact mailing ac	ldress	104 S. 4th Stre	et, Artesia, NN	1 88210						
			Location		e Source					
Latitude <u>33.3884</u>	5				ude <u>-103.4759</u>	9				
			(NAD 83 in dec	cimal degrees to £	decimal places)					
Site Name Tenneco	o SWD #	<b>#1</b>		Site T	ype Well Pad					
Date Release Disco	vered	8/11/2022		API#	30-025-25762					
		0/11/2022								
Unit Letter Sec	ction	Township	Range		County					
P 2		11S	34E	Lea	Lea					
Surface Owner: 🗸			Nature and	d Volume		)				
Crude Oil	Material(	s) Released (Select al Volume Release	ol that apply and attach attach (bbls) Unknow	calculations or sp		r the volumes provided below) ecovered (bbls)				
Produced Wate	r		d (bbls) Unknow		Volume R	ecovered (bbls)				
			ion of dissolved c		⊠ Yes □	No				
Condensate		Volume Release			Volume R	ecovered (bbls)				
☐ Natural Gas		Volume Release	d (Mcf)		Volume R	ecovered (Mcf)				
Other (describe	e)	Volume/Weight	Released (provide	e units)	Volume/W	Veight Recovered (provide units)				
Cause of Release	envir	onmental consi	ultant contracted	d to investiga	ite the area det	process of the location. The ermined on 8/11/2022, based on eached the reportable volume				

Received by OCD: 9/30/2022 11:43:07 AM
State of New Mexico
Page 2
Oil Conservation Division

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 127	<b>6</b> 2.3	no.	A)		V 4

Incident ID	NAPP2222440612
District RP	
Facility ID	
Application ID	

Was this a major release as defined by  If YES, for what reason(s) does the response to the re	onsible party consider this a major release?
19.15.29.7(A) NMAC?	
☐ Yes ☒ No	
If YES, was immediate notice given to the OCD? By whom? To v	whom? When and by what means (phone email etc)?
if 125, was immediate notice given to the GCD. By whom.	when and by what means (phone, email, etc).
Initial l	Response
The responsible party must undertake the following actions immedia	tely unless they could create a safety hazard that would result in injury
☐ The source of the release has been stopped.	
The impacted area has been secured to protect human health at	nd the environment.
Released materials have been contained via the use of berms of	
All free liquids and recoverable materials have been removed a	
If all the actions described above have <u>not</u> been undertaken, explain	ı why:
	remediation immediately after discovery of a release. If remediation il efforts have been successfully completed or if the release occurred please attach all information needed for closure evaluation.
	otifications and perform corrective actions for releases which may endanger eOCD does not relieve the operator of liability should their operations have treat to groundwater, surface water, human health or the environment. In
Printed Name: Jeremy Haass	Title: _Sr. Safety & Environmental Specialist
Signature: Ty Huss	Date: 8/12/2022
email: jeremy_haass@eogresources.com	Telephone: _ 575-748-1471
OCD Only	
Received by: Jocelyn Harimon	Date:08/12/2022

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 133569

# **CONDITIONS**

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	133569
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-	8/15/2022

	Page 67 of	<i>72</i>
Incident ID	nAPP2222440612	
District RP		
Facility ID	30-025-25762	
Application ID		

# Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No		
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ⊠ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data</li> <li>□ Data table of soil contaminant concentration data</li> <li>□ Depth to water determination</li> <li>□ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>□ Boring or excavation logs</li> <li>□ Photographs including date and GIS information</li> <li>□ Topographic/Aerial maps</li> <li>□ Laboratory data including chain of custody</li> </ul>	ls.		
—			

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 9/30/2022 11:43:07 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 68 of	72
Incident ID	nAPP2222440612	
District RP		
Facility ID	30-025-25762	
Application ID		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: <u>Jeremy Haass</u> Title	: Sr. Safety & Environmental Specialist		
Signature:	Date: 9/8/2022		
Email: <u>Jeremy_Haass@eogresouces.com</u> Telephone: _	<u>575-748-1471</u>		
OCD Only			
Received by: Jocelyn Harimon	Date:09/30/2022		

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	1 180 0 0 0 1
Incident ID	nAPP2222440612
District RP	
Facility ID	30-025-25762
Application ID	

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.			
<ul> <li>☑ Detailed description of proposed remediation technique</li> <li>☑ Scaled sitemap with GPS coordinates showing delineation points</li> <li>☑ Estimated volume of material to be remediated</li> </ul>			
☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)			
<u>Deferral Requests Only</u> : Each of the following items must be confirmed as part of any request for deferral of remediation.			
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.			
Extents of contamination must be fully delineated.			
Contamination does not cause an imminent risk to human health, the environment, or groundwater.			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.  Printed Name:			
OCD Only			
Received by: Jocelyn Harimon Date: 09/30/2022			
Approved			
Signature: Date:			

Page 70 of 72

Incident ID	nAPP2222440612
District RP	
Facility ID	30-025-25762
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	1 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 remulation human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulat restore, reclaim, and re-vegetate the impacted surface area to the confaccordance with 19.15.29.13 NMAC including notification to the OC Printed Name:	nediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for cions. The responsible party acknowledges they must substantially uditions that existed prior to the release or their final land use in
OCD Only	
Received by:Jocelyn Harimon	Date:09/30/2022
	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:  Printed Name:  Jennifer Nobui	Date:10/04/2022
Printed Name: Jennifer Nobui	Title: Environmental Specialist A

From: Rebecca Pons
To: Jeremy Haass

Subject:Copy of Job Requests Week of 8-22-22.xlsxDate:Friday, August 19, 2022 10:35:00 AMAttachments:Copy of Job Requests Week of 8-22-22.xlsx

image001.png

# Hi Jeremy,

I have attached the weekly work requests for work to take place next week.

Please note that I will need a confirmation sampling notification for the Tenneco SWD. I will also be needing C-138's for the Tenneco SWD as well as the Spurck F State 5.

I will certainly update you upon receipt of the lab data for the Tenneco CTB.

Thank you for the work and have a great weekend!



### Rebecca Pons

Senior Environmental Project Manager

Office: 575.746.8768 x708 Direct: 575.616.4023 Cell: 575.441.0980 Fax: 575.746.8905 Emergency: 866.742.0742 Web: www.talonlpe.com



District I
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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 147857

# **CONDITIONS**

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267 Midland, TX 79702	Action Number: 147857
Wildiand, 1X 13102	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	10/4/2022