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Midland, Texas 79703  
United States  
ghd.com

Our ref.: 12666320-NMOCD-2

August 12, 2025

New Mexico Oil Conservation Division  
506 W. Texas Avenue  
Artesia, New Mexico 88210

Closure Report  
Devon Energy Production Company, LP  
Todd 36 CTB 3  
Unit Letter N, Section 36, T23S, R31E  
Eddy County, New Mexico  
(32.2565, -103.72862)

## 1. Introduction

GHD Services Inc. (GHD), on behalf of Devon Energy Production Company, LP (Devon Energy), has prepared this *Closure Report* to document Site assessment activities at the Todd 36 CTB 3 (Site). Based on Site assessment data, Devon Energy is submitting this *Closure Report*, describing Site assessment activities that have occurred and requesting closure for Incident Number nAPP2507748197.

## 2. Site Description and Release Summary

The Site is located in Unit N, Section 36, Township 23 South, Range 31 East, in Eddy County, New Mexico (32.2565 N, 103.72862 W) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On March 18, 2025, approximately 8 barrels (bbls) of produced water were released due to a pinhole leak that developed in the water dump line on a separator; none of the fluids were recovered. The release was reported to the New Mexico Oil Conservation Division (NMOCD) on March 18, 2025, and was subsequently assigned Incident Number nAPP2507748197.

## 3. Site Characterization and Closure Criteria

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (NMAC 19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are summarized below and a Site Map is presented on **Figure 1**.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soils located within the Site consists of Berino loamy fine sand and Simona and Wink fine sandy loams, well drained soils with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the shallow geology consists of Eolian and piedmont deposits, Holocene to middle Pleistocene in age. The Site is located within an area of low karst potential.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (ft bgs) based on the nearest groundwater well data. Groundwater was determined utilizing the New Mexico Office of the State Engineers (NMOSE) database for registered water wells. The nearest permitted groundwater well with depth to groundwater data is NMOSE Well C 04746-POD1 located approximately 0.34 miles southwest of the Site. The well was completed to a depth of 105 ft bgs on June 1, 2023. No groundwater was encountered during drilling activities or reported in the boring following a 72-hour observation period. A copy of the referenced well record is included in **Attachment 1**.

The nearest fresh water well for livestock watering purposes is located approximately 1.60 miles northeast of the Site. The Site is approximately 1.71 miles from a lakebed, sinkhole, or playa lake and approximately 4.4 miles from an occupied residence, school, hospital, institution, church. The Site is greater than 5 miles from a 100-year floodplain or subsurface mine. The Site is not underlain by unstable geology. The location of the Site is depicted on **Figure 1**. A detailed map of the Site is provided on **Figure 2**. The Site Characterization Documentation is included in **Attachment 2**.

Based on the results of the Site Characterization desktop review, the following NMOCD Table I Closure Criteria (Closure Criteria) apply.

**Table 3.1** Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Benzene (mg/kg)	BTEX (mg/kg)	TPH (GRO+DRO) (mg/kg)	TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release.	10	50	1,000	2,500	20,000

Notes:

--- = not defined.

mg/kg = milligrams per kilogram.

TPH = total petroleum hydrocarbons.

GRO+DRO+MRO = Gasoline Range Organics + Diesel Range Organics + Motor Oil/Lube Range Organics.

BTEX = benzene, toluene, ethylbenzene, and xylene.

## 4. Site Assessment Activities

On May 7, 2025, GHD conducted an initial Site assessment to assess and delineate the release area. Test trenches, S-1 through S-3, were utilized in accessible areas to a depth of 4 ft bgs to determine horizontal delineation around the release area. Auger soil samples, S-4 through S-8, were collected until refusal ranging from 0.5 to 2 ft bgs from within the release area to determine vertical delineation.

Samples were collected and transported with the chain-of-custody Envirotech, Inc. Laboratories in Farmington, New Mexico for analysis of Total Chlorides by United States Environmental Protection Agency (EPA) Method 300.0, Total Petroleum Hydrocarbons (TPH) by EPA Method 8015M, and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B.

Soil sample locations are shown on **Figure 2**.

## 5. Site Assessment Laboratory Analytical Results

Laboratory analytical results reported concentrations for total chlorides, TPH, and BTEX for all Site assessment samples were below the Site Closure Criteria. Results from the Site assessment sampling events are presented in **Table 1** and the complete laboratory analytical reports can be found in **Attachment 3**.

## 6. Confirmation Sampling Activities

The initial closure report was submitted to NMOCD on June 17, 2025, and subsequently denied on June 18, 2025. GHD was requested to provide photographic evidence of the release area to ensure no surface staining was left, as well as a five-point composite surface samples that represents no more than 200 square feet (sq ft.) to ensure no impacts remain.

GHD returned to the Site on June 25, 2025, to collect requested samples and documentation. Samples were collected and transported with the chain-of-custody to Envirotech, Inc. Laboratories in Farmington, New Mexico for analysis of Total Chlorides by EPA Method 300.0, TPH by EPA Method 8015M, and BTEX by EPA Method 8021B. The confirmation sample locations are shown on **Figure 3**. Photographic documentation is included in **Attachment 4**.

## 7. Confirmation Sampling Laboratory Analytical Results

Laboratory analytical results reported concentrations for total chlorides, TPH, and BTEX for all Site confirmation samples were below the Site Closure Criteria. Results from the Site confirmation sampling event are presented in **Table 2** and the complete laboratory analytical reports can be found in **Attachment 3**.

## 8. Closure Request

Based on the Site assessment activities and supporting laboratory data, Devon Energy respectfully requests that no further actions be required, and requests closure of Incident Number nAPP2507748197 be granted.

Should you have any questions or require further information regarding this report, please do not hesitate to contact the undersigned.

Regards,



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Senior Project Manager

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KT/jlf/1



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Project Director

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Encl.:      Table 1 - Site Assessment Sampling Summary  
              Table 2 - Confirmation Assessment Sampling Summary  
              Figure 1 - Site Location Map  
              Figure 2 - Assessment Sampling Map  
              Figure 3 - Confirmation Sampling Map  
              Attachment 1 - Referenced Well Records  
              Attachment 2 - Site Characterization Documentation  
              Attachment 3 - Laboratory Analytical Report  
              Attachment 4 - Photographic Documentation

Table 1

**Todd 36 CTB 3**  
**Initial Assessment Sampling**  
**Laboratory Analytical Summary**

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chlorides (mg/kg)
<b>19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release:</b>			10	50	1,000		--	2,500	20,000
S-1	5/7/2025	1	ND	ND	ND	ND	ND	ND	59.3
	5/7/2025	2	ND	ND	ND	ND	ND	ND	933
	5/7/2025	4	ND	ND	ND	ND	ND	ND	48.2
S-2	5/7/2025	1	ND	ND	ND	ND	ND	ND	86.4
	5/7/2025	2	ND	ND	ND	ND	ND	ND	ND
	5/7/2025	4	ND	ND	ND	ND	ND	ND	26.7
S-3	5/7/2025	1	ND	ND	ND	ND	ND	ND	ND
	5/7/2025		ND	ND	ND	ND	ND	ND	22.6
	5/7/2025	4	ND	ND	ND	ND	ND	ND	42.1
S-4	5/7/2025	0.5	ND	ND	ND	ND	ND	ND	6,890
S-5	5/7/2025	0.5	ND	ND	ND	ND	ND	ND	2,220
S-6	5/7/2025	1	ND	ND	ND	ND	ND	ND	7,240
S-7	5/7/2025	1	ND	ND	ND	ND	ND	ND	12,100
	5/7/2025	2	ND	ND	ND	ND	ND	ND	6,850

**Notes:**

ft bgs - feet below ground surface.

mg/kg = milligrams per kilograms.

-- = Not Defined.

BTEX - Benzene, Toluene, Ethylbenzene, and Xylene.

TPH - Total Petroleum Hydrocarbons.

GRO - Gasoline Range Organics.

DRO - Diesel Range Organics.

MRO - Motor Oil/Lube Range Organics.

ND - Not Detected.



Table 2

Page 1 of 1

**Todd 36 CTB 3**  
**Confirmation Assessment Sampling**  
**Laboratory Analytical Summary**

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chlorides (mg/kg)
<b>19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release:</b>			10	50	1,000		--	2,500	20,000
C-1	6/25/2025	0	ND	ND	ND	ND	ND	ND	695
C-2	6/25/2025	0	ND	ND	ND	102	103	205	400
C-3	6/25/2025	0	ND	ND	ND	ND	ND	ND	6,280

## Notes:

ft bgs - feet below ground surface.

mg/kg = milligrams per kilogram.

-- = Not Defined.

BTEX - Benzene, Toluene, Ethylbenzene, and Xylene.

TPH - Total Petroleum Hydrocarbons.

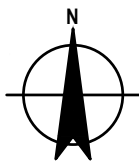
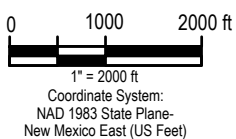
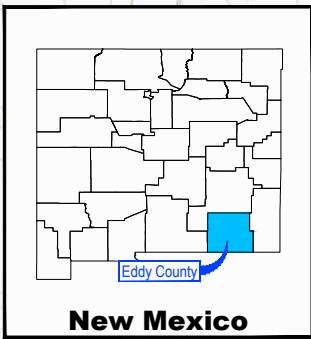
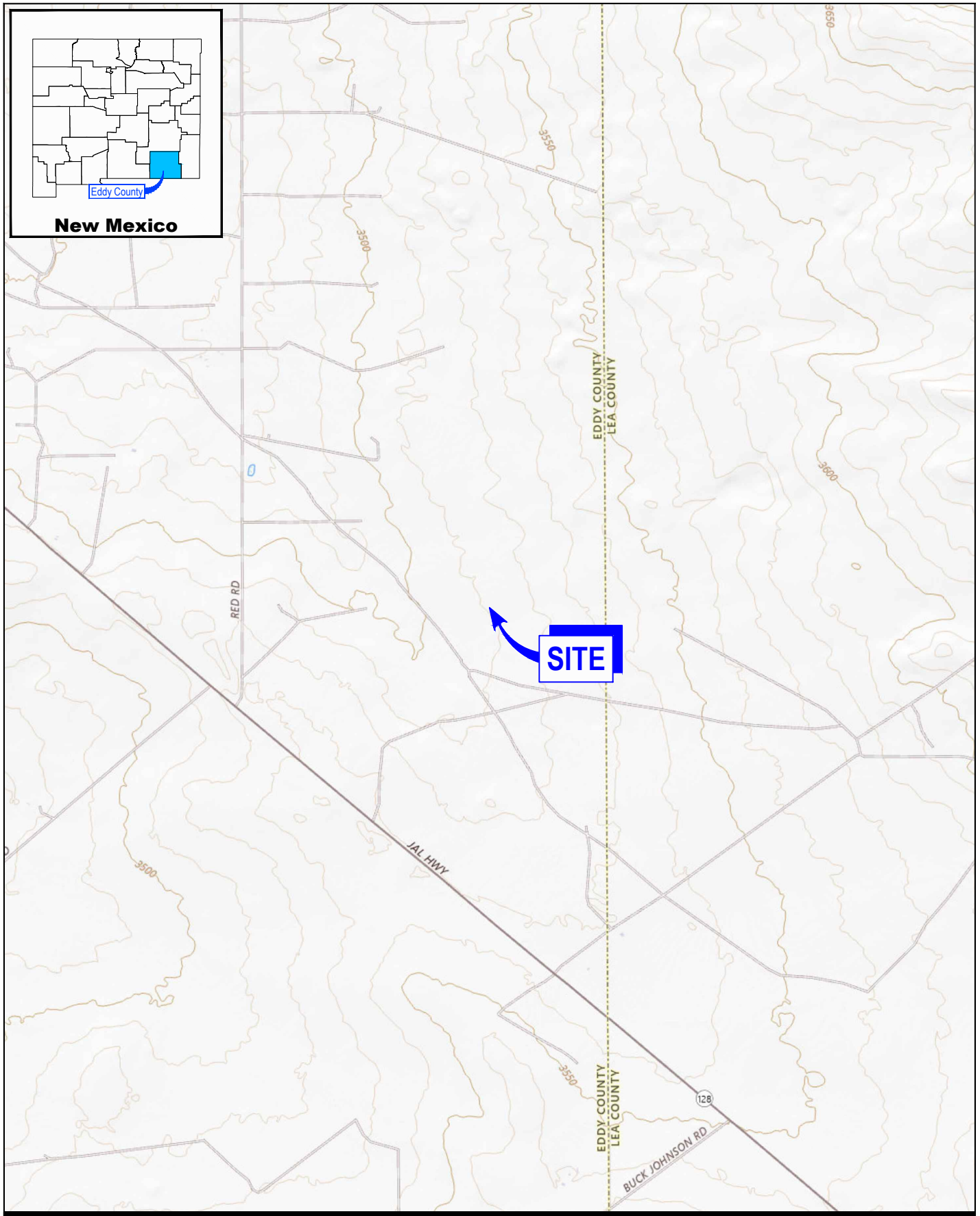
GRO - Gasoline Range Organics.

DRO - Diesel Range Organics.

MRO - Motor Oil/Lube Range Organics.

ND - Not Detected.

GHD 12666320-LTR-NMOCD-2



DEVON ENERGY PRODUCTION COMPANY, LP  
EDDY COUNTY, NEW MEXICO  
TODD 36 CTB 3  
INCIDENT No. nAPP2507748197


Project No. 12666320  
Date May 2025


SITE LOCATION MAP

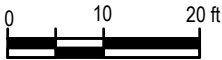
FIGURE 1



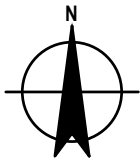
**LEGEND**

 SOIL SAMPLE LOCATION

 RELEASE AREA



1" = 20 ft  
Coordinate System:  
NAD 1983 State Plane-  
New Mexico East (US Feet)



DEVON ENERGY PRODUCTION COMPANY, LP  
EDDY COUNTY, NEW MEXICO  
TODD 36 CTB 3  
INCIDENT No. nAPP2507748197

Project No. 12666320  
Date May 2025


**SITE ASSESSMENT MAP**


**FIGURE 2**

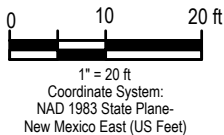




**LEGEND**

 CONFIRMATION SAMPLE LOCATION

 RELEASE AREA



Filename: \\ghdnet\ghd\US\Midland\Projects\562\12666320\Digital\_Design\ACAD\Figures\RPT001\12666320-GHD-00-00-RPT-EN-D101\_DL-001.dwg  
Plot Date: 11 July 2025 2:23 PM



DEVON ENERGY PRODUCTION COMPANY, LP  
EDDY COUNTY, NEW MEXICO  
TODD 36 CTB 3  
INCIDENT No. nAPP2507748197

Project No. 12666320  
Date July 2025

CONFIRMATION SAMPLING MAP

FIGURE 3

Data Source: Image © 2025 Google - Imagery Date: December 20, 2023  
Lat/Long: 32.256058° North, 103.728630° West

# **Attachment 1**

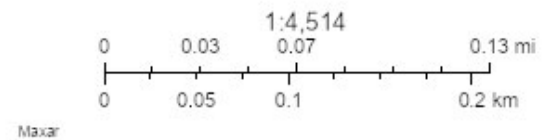
## **Referenced Well Records**

## Well Location Map



6/10/2025, 2:16:55 PM

• OSE Water PODs







# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) <b>C-4746 POD 1</b>		WELL TAG ID NO.		OSE FILE NO(S). <b>C-4746</b>		
	WELL OWNER NAME(S) <b>Devon Energy Resources</b>				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS <b>205 E Bender Road #150</b>				CITY <b>Hobbs</b>	STATE <b>NM</b>	ZIP <b>88240</b>
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE <b>32</b>		MINUTES <b>15'</b>	SECONDS <b>18.5"</b>	N	
		LONGITUDE <b>103</b>		<b>44'</b>	<b>03.4"</b>	W	
* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84							
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. <b>1833</b>		NAME OF LICENSED DRILLER <b>Jason Maley</b>			NAME OF WELL DRILLING COMPANY <b>Vision Resources</b>		
	DRILLING STARTED <b>6-1-23</b>		DRILLING ENDED <b>6-1-23</b>	DEPTH OF COMPLETED WELL (FT) <b>105'</b>	BORE HOLE DEPTH (FT) <b>105'</b>	DEPTH WATER FIRST ENCOUNTERED (FT) <b>Dry</b>		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) <b>Dry</b>	DATE STATIC MEASURED	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	100	6	2" PVC SCH 40	Thread	2"	SCH 40	-
	100	105	6	2" PVC SCH 40	Thread	2"	SCH 40	.02

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				None pulled and plugged		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. <b>C-4746</b>	POD NO. <b>1</b>	TRN NO. <b>147203</b>
LOCATION <b>235. 31E. 36 3 4 3</b>	WELL TAG ID NO. <b>NA</b>	PAGE 1 OF 2







# **Attachment 2**

## **Site Characterization Documentation**

Soil Map—Eddy Area, New Mexico  
(Todd 36 CTB 3)



Natural Resources  
Conservation Service


Web Soil Survey  
National Cooperative Soil Survey

5/30/2025  
Page 1 of 3


Soil Map—Eddy Area, New Mexico  
(Todd 36 CTB 3)


## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

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

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BA	Berino loamy fine sand, 0 to 3 percent slopes	0.4	26.4%
SN	Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded	1.0	73.6%
Totals for Area of Interest		1.4	100.0%

Map Unit Description: Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded---  
Eddy Area, New Mexico

Todd 36 CTB 3

## Eddy Area, New Mexico

### SN—Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w5y  
*Elevation:* 3,000 to 4,200 feet  
*Mean annual precipitation:* 10 to 14 inches  
*Mean annual air temperature:* 60 to 64 degrees F  
*Frost-free period:* 200 to 220 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Simona and similar soils:* 45 percent  
*Wink and similar soils:* 40 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Simona

##### Setting

*Landform:* Plains, alluvial fans  
*Landform position (three-dimensional):* Rise  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 19 inches:* fine sandy loam  
*H2 - 19 to 23 inches:* indurated

##### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 7 to 20 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 15 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Very low (about 2.5 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4s  
*Land capability classification (nonirrigated):* 7e

Map Unit Description: Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded---  
Eddy Area, New Mexico

Todd 36 CTB 3

*Hydrologic Soil Group:* D  
*Ecological site:* R070BD002NM - Shallow Sandy  
*Hydric soil rating:* No

## Description of Wink

### Setting

*Landform:* Swales, depressions  
*Landform position (three-dimensional):* Talf  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Parent material:* Mixed alluvium and/or eolian sands

### Typical profile

*H1 - 0 to 8 inches:* fine sandy loam  
*H2 - 8 to 38 inches:* fine sandy loam  
*H3 - 38 to 60 inches:* stratified gravelly variable

### 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):* 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:* 30 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0  
mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Low (about 6.0 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* A  
*Ecological site:* R070BD004NM - Sandy  
*Hydric soil rating:* No

## Minor Components

### Dune land

*Percent of map unit:* 15 percent  
*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 20, Sep 3, 2024

## Eddy Area, New Mexico

### BA—Berino loamy fine sand, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w42

*Elevation:* 2,000 to 5,700 feet

*Mean annual precipitation:* 6 to 14 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 260 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 99 percent

*Minor components:* 1 percent

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

#### Description of Berino

##### Setting

*Landform:* Plains, fan piedmonts

*Landform position (three-dimensional):* Riser

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 12 inches:* loamy fine sand

*H2 - 12 to 58 inches:* sandy clay loam

*H3 - 58 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:* 40 percent

*Maximum salinity:* Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.4 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3e

*Land capability classification (nonirrigated):* 7e

Map Unit Description: Berino loamy fine sand, 0 to 3 percent slopes---Eddy Area, New Mexico

Todd 36 CTB 3

*Hydrologic Soil Group:* B  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### **Minor Components**

##### **Pajarito**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

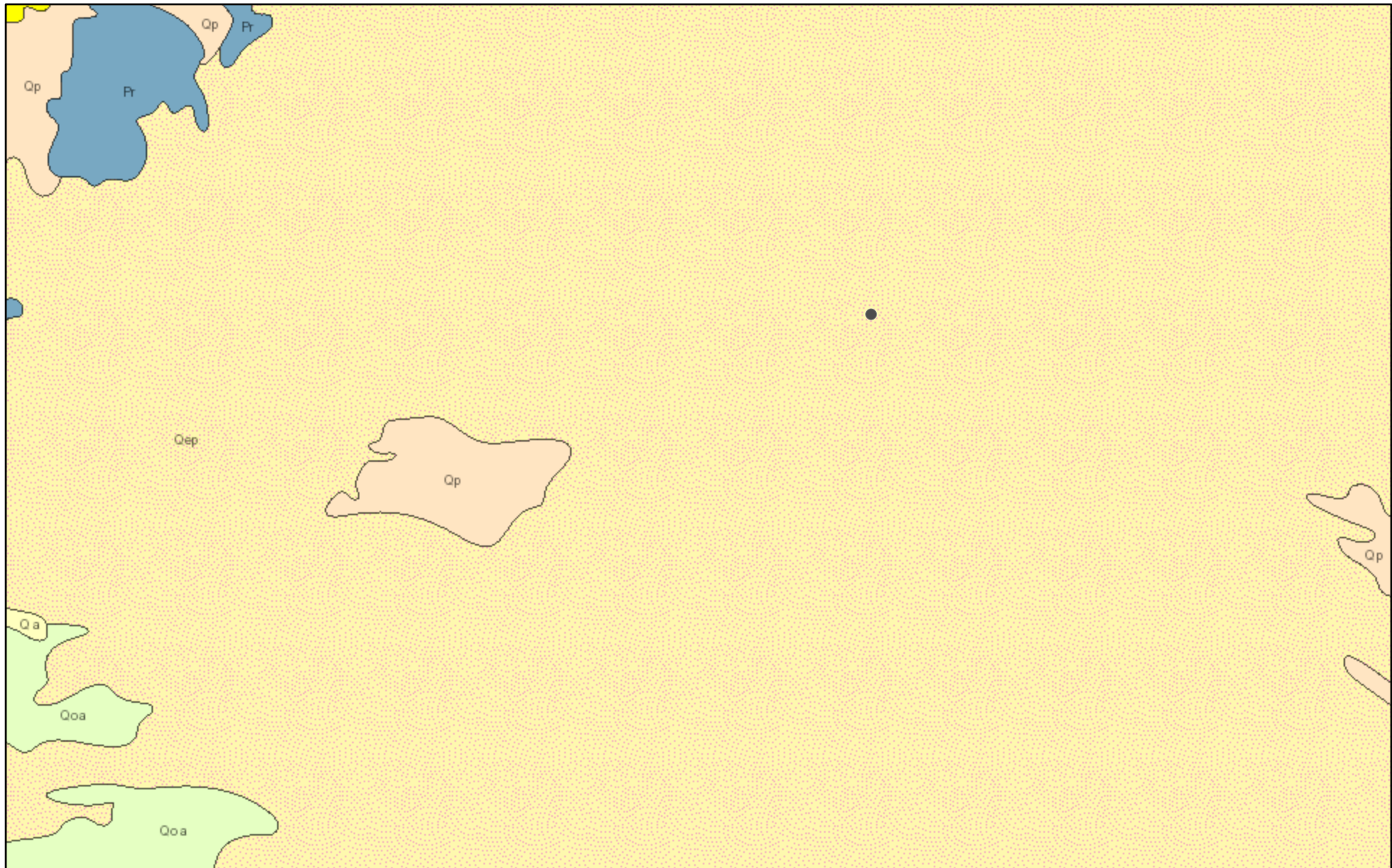
## **Data Source Information**

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 20, Sep 3, 2024








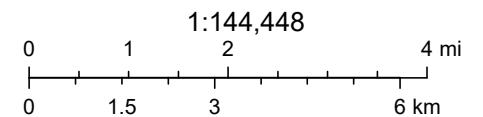
# Todd 36 CTB 3



5/30/2025, 8:19:31 AM

## Lithologic Units

-  Playa—Alluvium and evaporite deposits (Holocene)
-  Water—Perennial standing water
-  Qa—Alluvium (Holocene to upper Pleistocene)



Esri, NASA, NGA, USGS, USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System,

ArcGIS Web AppBuilder

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global

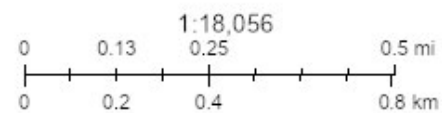
# Karst Potential Map



5/30/2025, 8:07:59 AM

Karst Occurrence Potential

Low

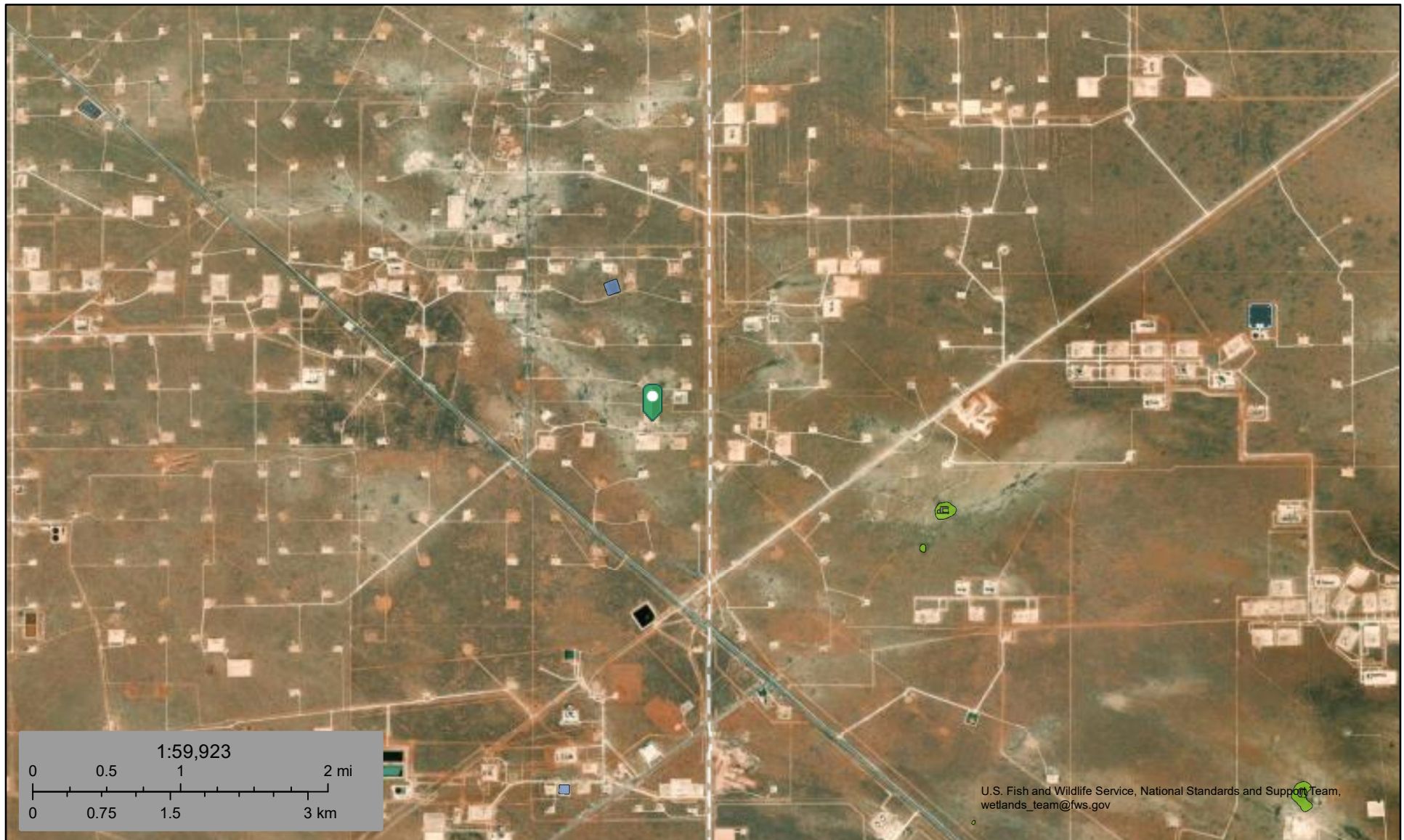


BLM, OCD, New Mexico Tech, Maxar





Todd 36 CTB 3



May 30, 2025

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



# National Flood Hazard Layer FIRMette



103°44'2"W 32°15'37"N



## Legend

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

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



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

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

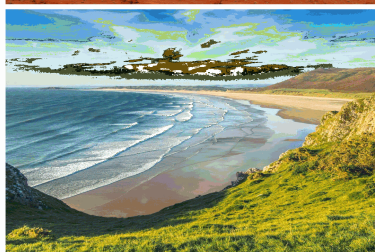
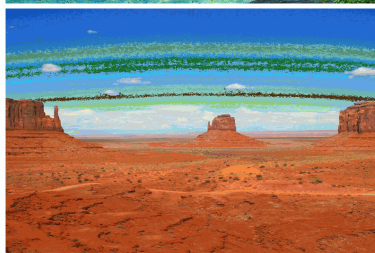
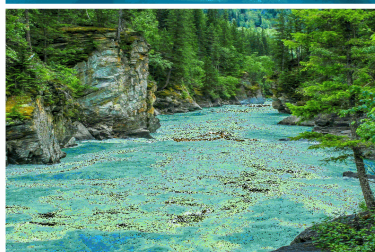
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/30/2025 at 1:12 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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.

# **Attachment 3**

## **Laboratory Analytical Report**

Report to:  
Kayla Taylor



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

GHD

Project Name: Todd 36 CTB 3

Work Order: E505116

Job Number: 01058-0007

Received: 5/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/16/25

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 5/16/25

Kayla Taylor  
6121 Indian School Rd. NE #200  
Albuquerque, NM 87110

Project Name: Todd 36 CTB 3  
Workorder: E505116  
Date Received: 5/12/2025 8:30:00AM

Kayla Taylor,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/12/2025 8:30:00AM, under the Project Name: Todd 36 CTB 3.

The analytical test results summarized in this report with the Project Name: Todd 36 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S-1 @ 1'	6
S-1 @ 2'	7
S-1 @ 4'	8
S-2 @ 1'	9
S-2 @ 2'	10
S-2 @ 4'	11
S-3 @ 1'	12
S-3 @ 2'	13
S-3 @ 4'	14
S-4 @ 0.5'	15
S-5 @ 0.5'	16
S-6 @ 1'	17
S-7 @ 1'	18
S-7 @ 2'	19
QC Summary Data	20
QC - Volatile Organics by EPA 8021B	20
QC - Nonhalogenated Organics by EPA 8015D - GRO	21
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	22
QC - Anions by EPA 300.0/9056A	23
Definitions and Notes	24



## Table of Contents (continued)

Chain of Custody etc.

25

## Sample Summary

GHD	Project Name:	Todd 36 CTB 3	Reported:
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	05/16/25 13:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-1 @ 1'	E505116-01A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-1 @ 2'	E505116-02A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-1 @ 4'	E505116-03A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-2 @ 1'	E505116-04A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-2 @ 2'	E505116-05A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-2 @ 4'	E505116-06A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-3 @ 1'	E505116-07A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-3 @ 2'	E505116-08A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-3 @ 4'	E505116-09A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-4 @ 0.5'	E505116-10A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-5 @ 0.5'	E505116-11A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-6 @ 1'	E505116-12A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-7 @ 1'	E505116-13A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.
S-7 @ 2'	E505116-14A	Soil	05/07/25	05/12/25	Glass Jar, 4 oz.



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

**S-1 @ 1'**

**E505116-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>89.0 %</i>	<i>70-130</i>		<i>05/12/25</i>	<i>05/14/25</i>	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>96.6 %</i>	<i>70-130</i>		<i>05/12/25</i>	<i>05/14/25</i>	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
<i>Surrogate: n-Nonane</i>	<i>97.8 %</i>	<i>61-141</i>		<i>05/12/25</i>	<i>05/13/25</i>	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	<b>59.3</b>	20.0	1	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	
6121 Indian School Rd. NE #200	Project Number:	01058-0007	<b>Reported:</b>
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	5/16/2025 1:31:32PM

S-1 @ 2'

E505116-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.6 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.8 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
<i>Surrogate: n-Nonane</i>	99.2 %	61-141		05/12/25	05/13/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	933	20.0	1	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

S-1 @ 4'

E505116-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.1 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.4 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
<i>Surrogate: n-Nonane</i>	98.0 %	61-141		05/12/25	05/13/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	48.2	20.0	1	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

S-2 @ 1'

E505116-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.5 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.3 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
<i>Surrogate: n-Nonane</i>	95.8 %	61-141		05/12/25	05/13/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	86.4	20.0	1	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

S-2 @ 2'

E505116-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.4 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/13/25	
<i>Surrogate: n-Nonane</i>						
	96.0 %	61-141		05/12/25	05/13/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	ND	20.0	1	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

S-2 @ 4'

E505116-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/15/25	
Toluene	ND	0.0250	1	05/12/25	05/15/25	
o-Xylene	ND	0.0250	1	05/12/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.2 %	70-130		05/12/25	05/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.1 %	70-130		05/12/25	05/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>	94.3 %	61-141		05/12/25	05/14/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	26.7	20.0	1	05/13/25	05/14/25	





## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

S-3 @ 1'

E505116-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		81.1 %	70-130	05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.5 %	70-130	05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>		96.4 %	61-141	05/12/25	05/14/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	ND	20.0	1	05/13/25	05/14/25	



## Sample Data

GHD  
6121 Indian School Rd. NE #200  
Albuquerque NM, 87110

Project Name: Todd 36 CTB 3  
Project Number: 01058-0007  
Project Manager: Kayla Taylor

**Reported:**  
5/16/2025 1:31:32PM

S-3 @ 2'

E505116-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.9 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.9 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>						
	97.3 %	61-141		05/12/25	05/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	22.6	20.0	1	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

S-3 @ 4'

E505116-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.7 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.7 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>	96.7 %	61-141		05/12/25	05/14/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	42.1	20.0	1	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	
6121 Indian School Rd. NE #200	Project Number:	01058-0007	<b>Reported:</b>
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	5/16/2025 1:31:32PM

S-4 @ 0.5'

E505116-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.1 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.4 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>	98.2 %	61-141		05/12/25	05/14/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	6890	200	10	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

S-5 @ 0.5'

E505116-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	84.5 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.1 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>	101 %	61-141		05/12/25	05/14/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	2220	40.0	2	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

S-6 @ 1'

E505116-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	84.7 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.0 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>	98.0 %	61-141		05/12/25	05/14/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	7240	100	5	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

S-7 @ 1'

E505116-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.2 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.2 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>	96.7 %	61-141		05/12/25	05/14/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	12100	200	10	05/13/25	05/14/25	



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 5/16/2025 1:31:32PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

S-7 @ 2'

E505116-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Benzene	ND	0.0250	1	05/12/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/12/25	05/14/25	
Toluene	ND	0.0250	1	05/12/25	05/14/25	
o-Xylene	ND	0.0250	1	05/12/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/12/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/12/25	05/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	84.1 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2520003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/12/25	05/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.2 %	70-130		05/12/25	05/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2520019	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/12/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/12/25	05/14/25	
<i>Surrogate: n-Nonane</i>	95.2 %	61-141		05/12/25	05/14/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2520056	
Chloride	6850	200	10	05/13/25	05/14/25	





## QC Summary Data

GHD	Project Name:	Todd 36 CTB 3	Reported:
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	5/16/2025 1:31:32PM

## Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2520003-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			

## LCS (2520003-BS1)

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.06	0.0250	5.00		101	70-130			
Ethylbenzene	5.09	0.0250	5.00		102	70-130			
Toluene	5.12	0.0250	5.00		102	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.72		8.00		84.0	70-130			

## Matrix Spike (2520003-MS1)

Source: E505114-05

Prepared: 05/12/25 Analyzed: 05/14/25

Benzene	5.12	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.11	0.0250	5.00	ND	102	70-130			
Toluene	5.14	0.0250	5.00	ND	103	70-130			
o-Xylene	5.05	0.0250	5.00	ND	101	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.67		8.00		83.4	70-130			

## Matrix Spike Dup (2520003-MSD1)

Source: E505114-05

Prepared: 05/12/25 Analyzed: 05/13/25

Benzene	4.70	0.0250	5.00	ND	94.0	70-130	8.47	27	
Ethylbenzene	4.60	0.0250	5.00	ND	92.1	70-130	10.4	26	
Toluene	4.67	0.0250	5.00	ND	93.4	70-130	9.61	20	
o-Xylene	4.56	0.0250	5.00	ND	91.1	70-130	10.2	25	
p,m-Xylene	9.30	0.0500	10.0	ND	93.0	70-130	10.8	23	
Total Xylenes	13.9	0.0250	15.0	ND	92.4	70-130	10.6	26	
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.0	70-130			



## QC Summary Data

GHD	Project Name:	Todd 36 CTB 3	Reported:
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	5/16/2025 1:31:32PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2520003-BLK1)

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

## LCS (2520003-BS2)

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.8	70-130			

## Matrix Spike (2520003-MS2)

Source: E505114-05

Prepared: 05/12/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.6	70-130			

## Matrix Spike Dup (2520003-MSD2)

Source: E505114-05

Prepared: 05/12/25 Analyzed: 05/14/25

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.6	70-130	8.97	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.8	70-130			



QC Summary Data

GHD	Project Name:	Todd 36 CTB 3	Reported:
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	5/16/2025 1:31:32PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2520019-BLK1)					Prepared: 05/12/25 Analyzed: 05/13/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.3		50.0		96.6	61-141			

LCS (2520019-BS1)					Prepared: 05/12/25 Analyzed: 05/13/25				
Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
Surrogate: n-Nonane	48.4		50.0		96.8	61-141			

Matrix Spike (2520019-MS1)					Source: E505116-07		Prepared: 05/12/25 Analyzed: 05/13/25		
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	48.3		50.0		96.6	61-141			

Matrix Spike Dup (2520019-MSD1)					Source: E505116-07		Prepared: 05/12/25 Analyzed: 05/13/25		
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156	0.885	20	
Surrogate: n-Nonane	48.1		50.0		96.3	61-141			



QC Summary Data

GHD	Project Name:	Todd 36 CTB 3	Reported:
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	5/16/2025 1:31:32PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2520056-BLK1)					Prepared: 05/13/25 Analyzed: 05/14/25				
Chloride	ND	20.0							
LCS (2520056-BS1)					Prepared: 05/13/25 Analyzed: 05/14/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2520056-MS1)					Source: E505116-03		Prepared: 05/13/25 Analyzed: 05/14/25		
Chloride	304	20.0	250	48.2	102	80-120			
Matrix Spike Dup (2520056-MSD1)					Source: E505116-03		Prepared: 05/13/25 Analyzed: 05/14/25		
Chloride	303	20.0	250	48.2	102	80-120	0.248	20	

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Todd 36 CTB 3	
6121 Indian School Rd. NE #200	Project Number:	01058-0007	Reported:
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	05/16/25 13:31

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



## Chain of Custody

Page 1 of 2

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: GHD				Company: Devon Energy		Lab WO# E505116		Job Number 1058-0007		1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Todd 36 CTB 3				Address: Jim Raley														
Project Manager: Kayla Taylor				City, State, Zip:														
Address:				Phone:														
City, State, Zip: Midland TX				Email:														
Phone: 432-210-5443				Miscellaneous:														
Email: Kayla.taylor@ghd.com				WO# 21542735														
Sample Information										Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCOQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	
8:30	5-7-25	S	1	S-1 @ 1'		1	X	X	X		X							
8:32	5-7-25	S	1	S-1 @ 2'		2	X	X	X		X							
8:35	5-7-25	S	1	S-1 @ 4'		3	X	X	X		X							
8:40	5-7-25	S	1	S-2 @ 1'		4	X	X	X		X							
8:42	5-7-25	S	1	S-2 @ 2'		5	X	X	X		X							
8:45	5-7-25	S	1	S-2 @ 4'		6	X	X	X		X							
8:50	5-7-25	S	1	S-3 @ 1'		7	X	X	X		X							
8:52	5-7-25	S	1	S-3 @ 2'		8	X	X	X		X							
8:55	5-7-25	S	1	S-3 @ 4'		9	X	X	X		X							
9:10	5-7-25	S	1	S-4 @ 0.5'		10	X	X	X		X							
Additional Instructions:																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: X. Jeannette Trevino																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		





Page 2 of 2

## Envirotech Analytical Laboratory

Printed: 5/12/2025 1:05:55PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	05/12/25 08:30	Work Order ID:	E505116
Phone:	(505) 884-0672	Date Logged In:	05/09/25 14:21	Logged In By:	Caitlin Mars
Email:	kayla.taylor@ghd.com	Due Date:	05/16/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

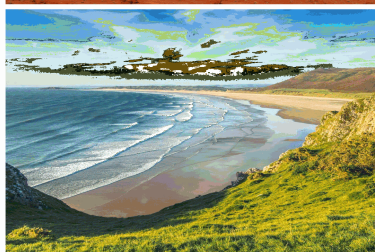
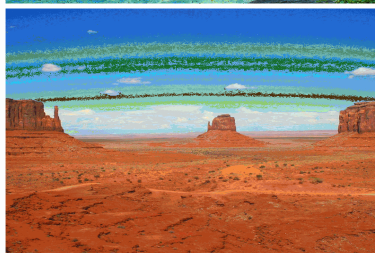
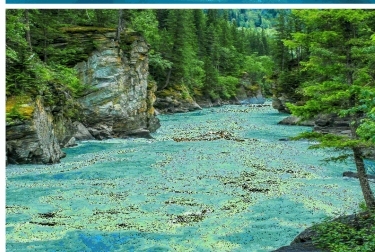
Date



envirotech Inc.



Report to:  
Kayla Taylor



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

GHD

Project Name: Todd 36 CTB 3

Work Order: E507003

Job Number: 01058-0007

Received: 7/2/2025

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/9/25

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 7/9/25

Kayla Taylor  
6121 Indian School Rd. NE #200  
Albuquerque, NM 87110

Project Name: Todd 36 CTB 3  
Workorder: E507003  
Date Received: 7/2/2025 8:30:00AM

Kayla Taylor,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/2/2025 8:30:00AM, under the Project Name: Todd 36 CTB 3.

The analytical test results summarized in this report with the Project Name: Todd 36 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
12666320-C-1-20250625	5
12666320-C-2-20250625	6
12666320-C-3-20250625	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

GHD	Project Name:	Todd 36 CTB 3	Reported:
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	07/09/25 17:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
12666320-C-1-20250625	E507003-01A	Soil	06/25/25	07/02/25	Glass Jar, 4 oz.
12666320-C-2-20250625	E507003-02A	Soil	06/25/25	07/02/25	Glass Jar, 4 oz.
12666320-C-3-20250625	E507003-03A	Soil	06/25/25	07/02/25	Glass Jar, 4 oz.



## Sample Data

GHD	Project Name:	Todd 36 CTB 3	<b>Reported:</b> 7/9/2025 5:09:02PM
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	

**12666320-C-1-20250625**

**E507003-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2527065	
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.1 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2527065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	83.1 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2527072	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>	99.4 %	61-141		07/02/25	07/03/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2528028	
Chloride	695	20.0	1	07/07/25	07/08/25	



## Sample Data

GHD  
6121 Indian School Rd. NE #200  
Albuquerque NM, 87110

Project Name: Todd 36 CTB 3  
Project Number: 01058-0007  
Project Manager: Kayla Taylor

**Reported:**  
7/9/2025 5:09:02PM

12666320-C-2-20250625

E507003-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2527065	
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2527065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.8 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2527072	
Diesel Range Organics (C10-C28)	102	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	103	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		07/02/25	07/03/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528028	
Chloride	400	20.0	1	07/07/25	07/08/25	



## Sample Data

GHD  
6121 Indian School Rd. NE #200  
Albuquerque NM, 87110

Project Name: Todd 36 CTB 3  
Project Number: 01058-0007  
Project Manager: Kayla Taylor

**Reported:**  
7/9/2025 5:09:02PM

12666320-C-3-20250625

E507003-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2527065	
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2527065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.9 %	70-130		07/02/25	07/04/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2527072	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/02/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/02/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		07/02/25	07/03/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528028	
Chloride	6280	100	5	07/07/25	07/08/25	





## QC Summary Data

GHD	Project Name:	Todd 36 CTB 3	Reported:
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	7/9/2025 5:09:02PM

## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2527065-BLK1)

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.5	70-130			

## LCS (2527065-BS1)

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
Toluene	5.05	0.0250	5.00		101	70-130			
o-Xylene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		94.9	70-130			

## Matrix Spike (2527065-MS1)

Source: E507002-24

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	5.12	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.15	0.0250	5.00	0.0269	103	70-130			
Toluene	5.28	0.0250	5.00	0.152	103	70-130			
o-Xylene	5.21	0.0250	5.00	0.0547	103	70-130			
p,m-Xylene	10.5	0.0500	10.0	0.220	103	70-130			
Total Xylenes	15.7	0.0250	15.0	0.275	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.6	70-130			

## Matrix Spike Dup (2527065-MSD1)

Source: E507002-24

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	5.36	0.0250	5.00	ND	107	70-130	4.41	27	
Ethylbenzene	5.37	0.0250	5.00	0.0269	107	70-130	4.06	26	
Toluene	5.51	0.0250	5.00	0.152	107	70-130	4.16	20	
o-Xylene	5.46	0.0250	5.00	0.0547	108	70-130	4.64	25	
p,m-Xylene	10.9	0.0500	10.0	0.220	107	70-130	3.80	23	
Total Xylenes	16.3	0.0250	15.0	0.275	107	70-130	4.08	26	
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			



QC Summary Data

GHD	Project Name:	Todd 36 CTB 3	Reported:
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	7/9/2025 5:09:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2527065-BLK1) Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.81		8.00		85.1	70-130			

LCS (2527065-BS2) Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			

Matrix Spike (2527065-MS2) Source: E507002-24 Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.55		8.00		81.8	70-130			

Matrix Spike Dup (2527065-MSD2) Source: E507002-24 Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.8	70-130	12.6	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.50		8.00		81.2	70-130			



QC Summary Data

GHD	Project Name:	Todd 36 CTB 3	Reported:
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	7/9/2025 5:09:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2527072-BLK1)					Prepared: 07/02/25 Analyzed: 07/03/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.8		50.0		102	61-141			

LCS (2527072-BS1)					Prepared: 07/02/25 Analyzed: 07/03/25				
Diesel Range Organics (C10-C28)	252	25.0	250		101	66-144			
Surrogate: n-Nonane	50.7		50.0		101	61-141			

Matrix Spike (2527072-MS1)					Source: E506295-01		Prepared: 07/02/25 Analyzed: 07/03/25		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	50.8		50.0		102	61-141			

Matrix Spike Dup (2527072-MSD1)					Source: E506295-01		Prepared: 07/02/25 Analyzed: 07/03/25		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156	0.0501	20	
Surrogate: n-Nonane	50.2		50.0		100	61-141			



QC Summary Data

GHD	Project Name:	Todd 36 CTB 3	Reported:
6121 Indian School Rd. NE #200	Project Number:	01058-0007	
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	7/9/2025 5:09:02PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2528028-BLK1)					Prepared: 07/07/25 Analyzed: 07/08/25				
Chloride	ND	20.0							
LCS (2528028-BS1)					Prepared: 07/07/25 Analyzed: 07/08/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2528028-MS1)					Source: E507006-07		Prepared: 07/07/25 Analyzed: 07/08/25		
Chloride	2000	20.0	250	1690	121	80-120			M4
Matrix Spike Dup (2528028-MSD1)					Source: E507006-07		Prepared: 07/07/25 Analyzed: 07/08/25		
Chloride	2000	20.0	250	1690	123	80-120	0.221	20	M4

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Todd 36 CTB 3	
6121 Indian School Rd. NE #200	Project Number:	01058-0007	Reported:
Albuquerque NM, 87110	Project Manager:	Kayla Taylor	07/09/25 17:09

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 1 of 1

envirotech



## Envirotech Analytical Laboratory

Printed: 7/2/2025 10:51:11AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: GHD	Date Received: 07/02/25 08:30	Work Order ID: E507003
Phone: (505) 884-0672	Date Logged In: 07/01/25 14:47	Logged In By: Caitlin Mars
Email: kayla.taylor@ghd.com	Due Date: 07/09/25 17:00 (4 day TAT)	

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

# **Attachment 4**

## **Photographic Documentation**

Devon Energy Production Company, LP  
Todd 36 CTB 3  
Incident No. nAPP2507748197  
Eddy County, New Mexico



**Photo 1** View north of release area from the V-11/717H separator.



**Photo 2** View of release area from the V-11/717H separator.



**Photo 3** View of release area from the V-11/717H separator.



**Photo 4** View south of release area from the V-11/717H separator.

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 495787

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2507748197
Incident Name	NAPP2507748197 TODD 36 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123651847] TODD 36 CTB 3

**Location of Release Source***Please answer all the questions in this group.*

Site Name	TODD 36 CTB 3
Date Release Discovered	03/18/2025
Surface Owner	Federal

**Incident Details***Please answer all the questions in this group.*

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

**Nature and Volume of Release***Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion   Dump Line   Produced Water   Released: 8 BBL   Recovered: 0 BBL   Lost: 8 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Pinhole leak in water dump line of Todd 717 separator allowed 8 bbls produced water to impact pad surface.

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QUESTIONS, Page 2

Action 495787

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvsn.com Date: 08/14/2025
--	---



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QUESTIONS, Page 3

Action 495787

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	12100
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/15/2025
On what date will (or did) the final sampling or liner inspection occur	06/25/2025
On what date will (or was) the remediation complete(d)	06/25/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.



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QUESTIONS, Page 4

Action 495787

**QUESTIONS (continued)**

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	Action Number: 495787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 08/14/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 495787

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 495787

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 495787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	477655
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/25/2025
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	475

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>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 (in .pdf format) 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.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 08/14/2025

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QUESTIONS, Page 7

Action 495787

QUESTIONS (continued)

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	Action Number: 495787
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 495787

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
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CONDITIONS

Created By	Condition	Condition Date
scwells	None	8/14/2025