



REMEDiation CLOSURE REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC.

FEBRUARY 24, 2025
PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240



NMOCD District 2
811 S First St
Artesia, NM 88210

Bureau of Land Management
620 E Green St
Carlsbad, NM 88220

RE: Remediation Closure Report
LOCATION: Todd 36 CTB 3
FACILITY ID: fAPP2123651847
GPS (NAD 83): 32.256706, -103.728556
INCIDENT LOCATION: O-36-T23S-R31E
COUNTY: Eddy
NMOCD REF. NO. nAPP2315623222

Pima Environmental Services LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Remediation Closure Report for a produced water release that occurred at the Todd 36 CTB 3 (Todd). This incident was assigned Incident ID nAPP2315623222 by the New Mexico Oil Conservation Division (NMOCD).

RELEASE INFORMATION

nAPP2315623222: On June 4, 2023, A pin hole leak developed on a water line. Lease operator was at location when noticed fluid spraying from around the 3-phase separators. Found discharge pipe leaking from a weld connected to a flange. The well was shut in and the leak was isolated. All fluids stayed on pad. Recovered volumes are not available as of this notification. Leak was not in an area of lined containment.

SITE CHARACTERIZATION

The Todd 36 CTB 3 (Todd) is located approximately twenty (20) miles east of Malaga, NM. This spill site is in Unit O, Section 36, Township 23S, Range 31E, Latitude 32.256706 Longitude -103.728556, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Eolian and piedmont deposits. Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. A Geologic Unit Map can be referenced in Appendix B. The soil in this area is made up of Berino loamy fine sands, 0 to 3 percent slopes and Simona and wink fine sandy loams, 0 to 3 percent slopes, eroded according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Todd (Figure 3) with the nearest medium karst zone being approximately 6.5 miles northwest. Reference Figure 2 for a Topographic Map.

Based on the well water data from the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 105 feet below grade surface (bgs). This information is based on OSE C-04746-POD1 which was drilled June 1, 2023, and is located approximately 1,800 feet southwest of this release area. Conversely, as per the United States Geological Survey well water data the nearest groundwater depth in this region is recorded at 101 feet bgs, from well USGS 321609103445901 23S.31E.26.34411 with the last gauge being conducted in 2013. This well is situated approximately 1.6 miles northwest of the Todd release area. The closest surface water feature is a salt pond located approximately 12.5 miles to the northwest of this location. See Appendix A for referenced Water Surveys and Water-Related Maps.

According to the U.S. Fish and Wildlife Service National Wetlands Inventory, a Freshwater Emergent Wetland lies approximately 1.7 miles to the southeast of the Todd release area. According to a FEMA search for flood hazard information, the Todd is in Zone X – Area of Minimal Flood Hazard.

Closure criteria for releases at the Todd pad surface are classified under the greater than 100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. The regulatory limits are as follows: Chlorides should be less than 20,000 mg/kg, TPH (GRO+DRO+MRO) should be less than 2,500 mg/kg, GRO+DRO should be less than 1,000



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mg/kg, BTEX should be less than 50 mg/kg, and Benzene should be less than 10 mg/kg.

SITE ASSESSMENT ACTIVITIES

On June 5, 2023, Pima Environmental mobilized personnel to the site to collect soil samples using a hand auger from within and around the edges of the release area for vertical and horizontal delineation. Twelve (12) discrete samples from 3 different sample points within the release area were collected for vertical delineation. These samples were collected from depths of 1', 2', 3', and 4' bgs. Four (4) discrete samples from 4 different sample points were collected from around the edges of the release area for horizontal delineation. These samples were collected from depths of 6" bgs. One (1) sample was collected from the pasture as a background sample, from a depth of 6" bgs. All samples were put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. A corresponding Site Map 2023 can be seen in Figure 4. The lab sample results can be found among the Data Tables in Figure 5.

On September 7, 2023, a remediation closure report was submitted asking for closure approval of this incident based on the delineation data from the initial sampling event.

On January 29, 2024, the NMOCD responded to the submitted closure report with the following comments:

(1/29/2024), The Remediation Closure Report is Denied. Please conduct "grab samples" within the release area where discolored soil shows dried salt residue in photos contained in the corresponding report. Additional samples will need to be conducted in areas where chloride/salt is clearly visible on the surface of the pad. These areas will need to have all surface contaminants removed. The contamination must be fully delineated and does not cause an imminent risk to human health, the environment, or ground water.

(1/29/2024), All sidewall samples should be taken from the sidewall of the excavation. The "step-out" samples on pad to verify the edge of the release should only be a maximum of 1-2 feet from the observed edge of the release. Stepping out away from the release area to conduct horizontal delineation samples may tell us whether or not the release left the active well pad, but it does not tell us where the actual edge of the release is located. Please make sure that the edge of the release extent is accurately defined. Additionally, when equipment is located in and around the release area, samples must come from the sidewalls of the release area excavation. The OCD needs to know if the release went in, around, or under equipment/tanks/pipelines. Not having sidewall samples from the actual excavation won't give us those sampling data points that we need. "Step-out" samples should never be conducted if equipment is in the vicinity of the release area.

IN RESPONSE TO DENIED CLOSURE

On May 31, 2024, after Devon submitted a 48-Hour Notification of Sampling event (Appendix C), Pima personnel returned to the site to reassess the release area. Due to research of initial pictures and description, it was concluded that the previously reported spill area was incorrect. A Corrected Site Map with assessment sample points and existing production equipment can be found in Figure 6. Discrete samples were collected from three (3) of the previous sample points along with an additional sample point (S4) added to the corrected area. These samples were collected from depths of surface and 1' bgs. All samples were put on ice, prepared for delivery, and delivered to Cardinal Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The lab results of this sampling event can be found in the Data Tables included in Figure 5. Complete Laboratory Reports can be referenced in Appendix E. Photographic Documentation can be found in Appendix D.

On December 4, 2024, Devon submitted a Remediation Work Plan in response to the previously denied closure report. This work plan was approved by the NMOCD on January 2, 2025 (OCD Online: Permitting – Application ID 408553).

REMEDIATION ACTIVITIES

On February 7, 2025, the Devon construction department and Pima mobilized personnel and equipment to the site to begin excavating the area of concern. The entire 283 square foot area was excavated using hand tools and mechanical equipment to a depth of 10" bgs to remove all surface staining. Approximately 9 cubic yards of soil were removed and hauled to Northern Delaware Basin Landfill for disposal. Clean, like material was brought back to the site and stockpiled to be used for backfilling. This excavation was combined with the excavation for nAPP2501625164, which will be addressed in a separate report. Photographic Documentation can be found in Appendix D.



On February 12, 2025, after Devon submitted a 48-hour notification for sampling (Appendix C), Pima returned to the site to collect 5-point composite confirmation samples of the excavated area. Ten (10) subsamples were collected to create two (2) composite samples of the base of the excavation. Ten (10) subsamples were collected to create two (2) composite samples of the walls of the excavation. A total of four (4) samples were put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratory for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC.

On February 14, 2025, an analytical report was received and verified that all sample results are under the regulatory limits of the greater than 100-foot depth to groundwater section of Table 1. Sample results can be referenced in the Data Tables included in Figure 5. A corresponding Confirmation Sample Map can be referenced in Figure 7. Complete Laboratory Reports are included in Appendix E.

CLOSURE REQUEST

Based on the laboratory results, the contamination levels represented in all sample points are under the regulatory limits according to the closure criteria outlined in the greater 100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. The release area has been successfully delineated vertically and horizontally. Devon requests that this incident, nAPP2315623222, be closed. The excavated area has been backfilled and repacked for normal everyday traffic using stockpiled material. Sample results confirming the backfill material is free of contaminants can be seen in the Data Tables included in Figure 5. Devon is also aware of and understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan report addressing a minimum of four feet of non-waste containing earthen material. Followed by a revegetation plan report once the site has reached the required vegetative status.

Should you have any questions or need additional information, please feel free to contact:

Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dvn.com.

Pima Environmental – Tom Bynum at 575-964-7740 or tom@pimaoil.com.

ATTACHMENTS

FIGURES:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map 2023
- 5- Data Tables
- 6- Corrected Site Map
- 7- Confirmation Sample Map

APPENDICES:

Appendix A – Water Surveys & Water-Related Maps

Appendix B – Soil Survey & Geological Data

Appendix C – 48-Hour Notifications

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports



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FIGURES

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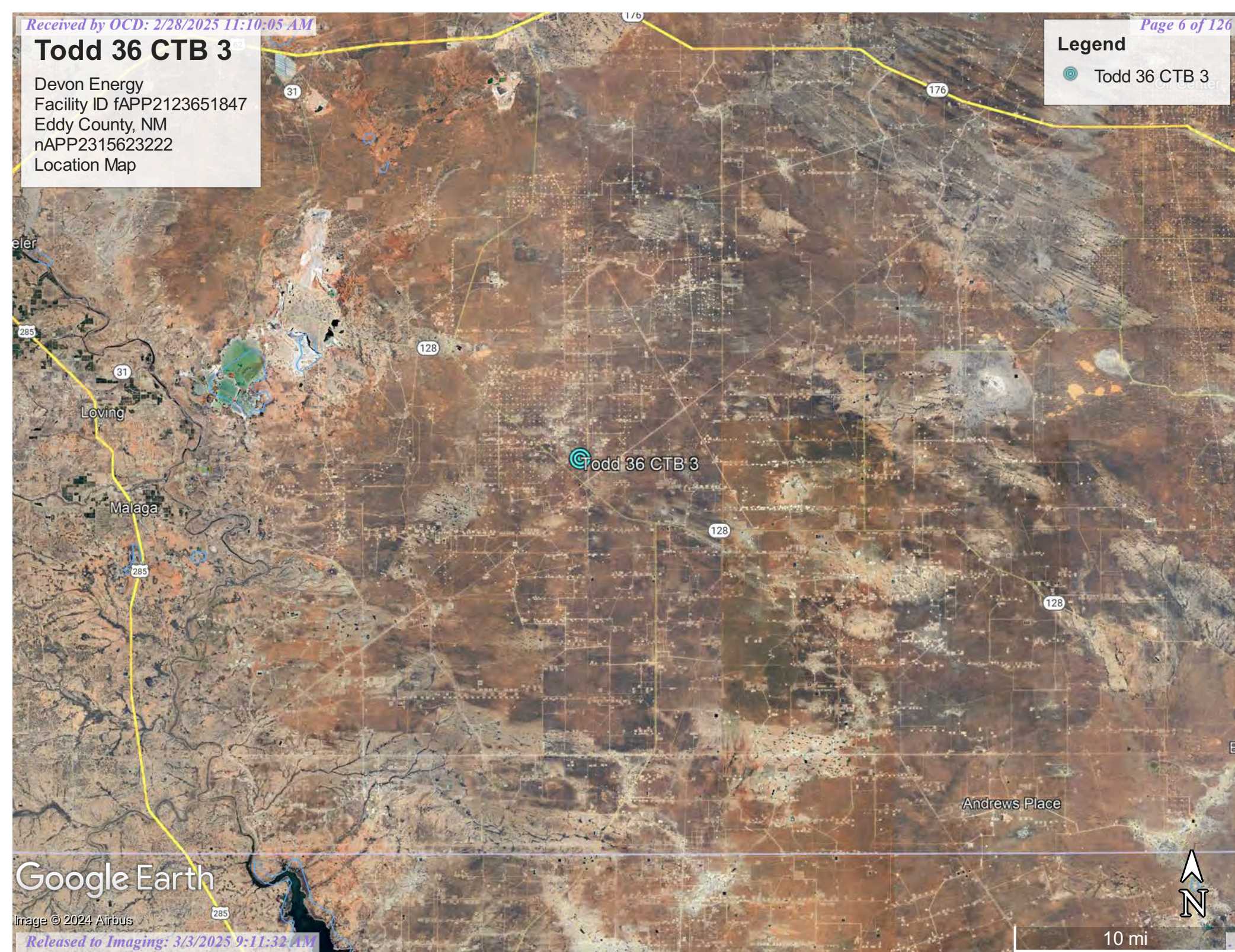
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DEVON ENERGY PRODUCTION, LP.

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Location Map

Legend

 Todd 36 CTB 3



Google Earth

Image © 2024 Airbus

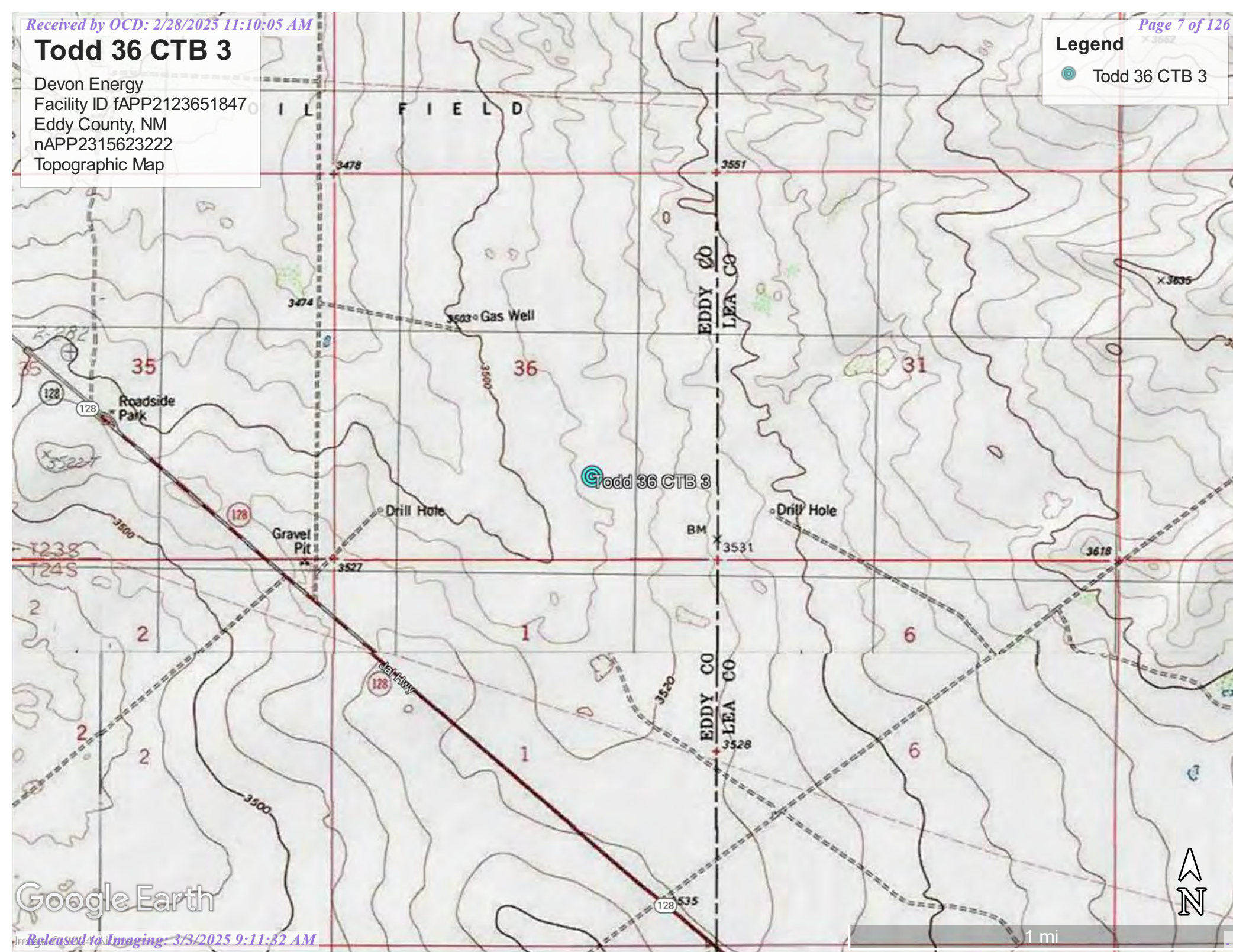
10 mi

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Topographic Map

Legend




Todd 36 CTB 3



Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst

Todd 36 CTB 3



4 mi

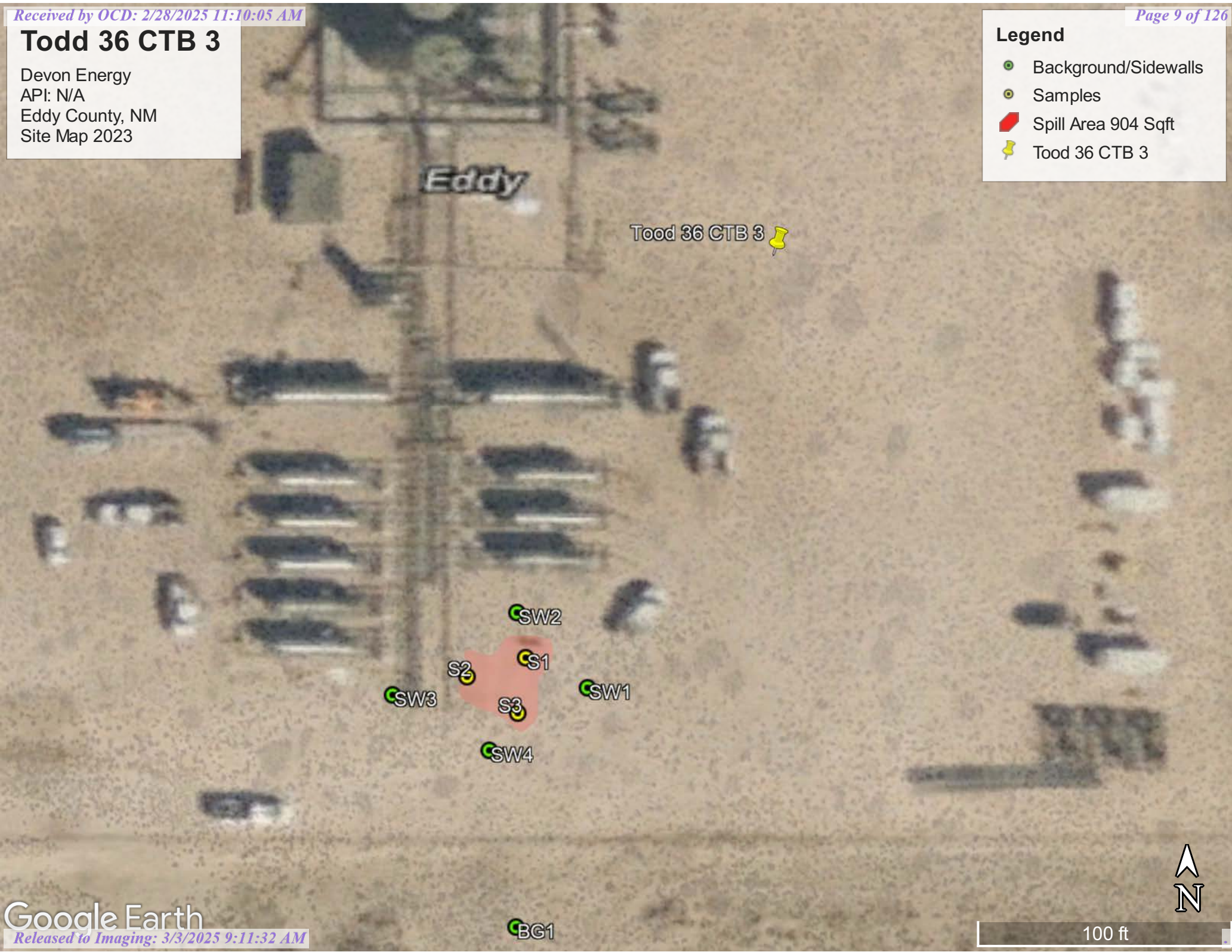
Google Earth

Todd 36 CTB 3

Devon Energy
API: N/A
Eddy County, NM
Site Map 2023

Legend

- Background/Sidewalls
- Samples
- Spill Area 904 Sqft
- Todd 36 CTB 3



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - TODD 36 CTB 3 - nAPP2315623222								
Date: 6/5/23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	11000
	2'	ND	ND	ND	ND	ND	0	2600
	3'	ND	ND	ND	ND	ND	0	554
	4'	ND	ND	ND	ND	ND	0	46.5
S-2	1'	ND	ND	ND	ND	ND	0	7880
	2'	ND	ND	ND	ND	ND	0	2480
	3'	ND	ND	ND	ND	ND	0	2450
	4'	ND	ND	ND	ND	ND	0	68.8
S-3	1'	ND	ND	ND	ND	ND	0	10200
	2'	ND	ND	ND	ND	ND	0	304
	3'	ND	ND	ND	ND	ND	0	442
	4'	ND	ND	ND	ND	ND	0	26.5
SW 1	6"	ND	ND	ND	ND	ND	0	69.3
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - TODD 36 CTB 3 - nAPP2315623222								
Date: 5/31/2024		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S1-Surface	0'	ND	ND	ND	ND	ND	0	6240
S1-1'	1'	ND	ND	ND	ND	ND	0	32
S2-Surface	0'	ND	ND	ND	ND	ND	0	8400
S2-1'	1'	ND	ND	ND	ND	ND	0	32
S3-Surface	0'	ND	ND	ND	ND	ND	0	6960
S3-1'	1'	ND	ND	ND	ND	ND	0	32
S4-Surface	0'	ND	ND	ND	ND	ND	0	28800
S4-1'	1'	ND	ND	ND	ND	ND	0	16

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - TODD 36 CTB 3 - nAPP2315623222								
Date: 2/12/2025		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
1-10"	10"	ND	ND	ND	ND	ND	ND	897
2-10"	10"	ND	ND	ND	ND	ND	ND	1510
W1-10"	10"	ND	ND	ND	ND	ND	ND	ND
W2-10"	10"	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')							
DEVON ENERGY - TODD 36 CTB 3 - nAPP2501625164							
Date: 2/13/25		NM Approved Laboratory Results					
Sample ID	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
BACKFILL 1	ND	ND	ND	ND	ND	ND	ND
BACKFILL 2	ND	ND	ND	ND	ND	ND	ND
BACKFILL 3	ND	ND	ND	ND	ND	ND	ND
BACKFILL 4	ND	ND	ND	ND	ND	ND	ND

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Corrected Site Map

32.256350, -103.729001

Legend

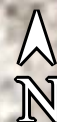
- Background sample
- Corrected release area - 518 sqft
- Horizontal delineation samples
- Incorrect release area - 904 sqft
- S4
- Vertical delineation samples



CSG1

Google Earth




100 ft



Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Confirmation Sample Map

Legend

-  10" Excavation - 283 sqft
-  5-Point Composite base samples
-  5-Point Composite wall samples



Google Earth

Image © 2025 Airbus

Released to Imaging: 3/3/2025 9:11:32 AM

APPENDIX A

Water Surveys

Water-Related Maps



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
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Todd 36 CTB 3 | nAPP2315623222

DEVON ENERGY PRODUCTION, LP.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 04746 POD1		CUB	ED	3	4	3	36	23S	31E	619226	3569417	568	105		
C 04672 POD 1		CUB	ED	2	1	4	01	24S	31E	619762	3568286	1316	110		
C 04712 POD1		CUB	LE	1	4	1	31	23S	32E	620917	3570289	1342	55		
C 04790 POD1		CUB	ED	4	4	3	25	23S	31E	619309	3570904	1378	55		
C 02405		CUB	ED		4	1	02	24S	31E	617690	3568631*	2289	275	160	115
C 02464		C	ED	2	3	1	02	24S	31E	617645	3568581	2351	320	205	115
C 02348		C	ED	1	4	3	26	23S	31E	617648	3571068	2573	700	430	270
C 04775 POD1		CUB	LE	4	4	4	06	24S	32E	621789	3567860	2672	105		
C 02460		C	ED			3	02	24S	31E	617496	3568022*	2764	320		
C 02460 POD2		C	ED			3	02	24S	31E	617496	3568022*	2764	320		
C 02258		C	ED		3	2	26	23S	31E	618055	3571853*	2824	662		

Average Depth to Water: **265 feet**
Minimum Depth: **160 feet**
Maximum Depth: **430 feet**

Record Count: 11

UTMNAD83 Radius Search (in meters):

Easting (X): 619763.21

Northing (Y): 3569602.98

Radius: 3000

*UTM location was derived from PLSS - see Help

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

5/21/24 1:29 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

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

2. DRILLING & CASING INFORMATION	LICENSE NO. 1833		NAME OF LICENSED DRILLER Jason Maley		NAME OF WELL DRILLING COMPANY Vision Resources		
	DRILLING STARTED 6-1-23		DRILLING ENDED 6-1-23		DEPTH OF COMPLETED WELL (FT) 105'		BORE HOLE DEPTH (FT) 105'
					DEPTH WATER FIRST ENCOUNTERED (FT) Dry		
	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) Dry		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)
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. C-4746	POD NO. 1	TRN NO. 147203
LOCATION 235. 31E. 36 3 4 3		WELL TAG ID NO. NA
		PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

5. TEST: RIG SUPERVISION

5. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. C-4746	POD NO. 1	TRN NO. 747 203	
LOCATION 235-316.36 343	WELL TAG ID NO. NA	PAGE 2 OF 2	

OSE POD Location Map



5/21/2024, 2:40:09 PM

GIS WATERS PODs

● Plugged

□ OSE District Boundary

Water Right Regulations

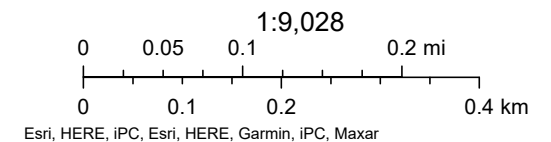
□ Closure Area

□ Artesian Planning Area

New Mexico State Trust Lands

□ Subsurface Estate

□ Both Estates





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[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hideNews Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 321609103445901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321609103445901 23S.31E.26.34411

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°16'11.9", Longitude 103°45'01.2" NAD83

Land-surface elevation 3,451.00 feet above NGVD29

The depth of the well is 365 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Dewey Lake Redbeds (312DYLK) local aquifer.

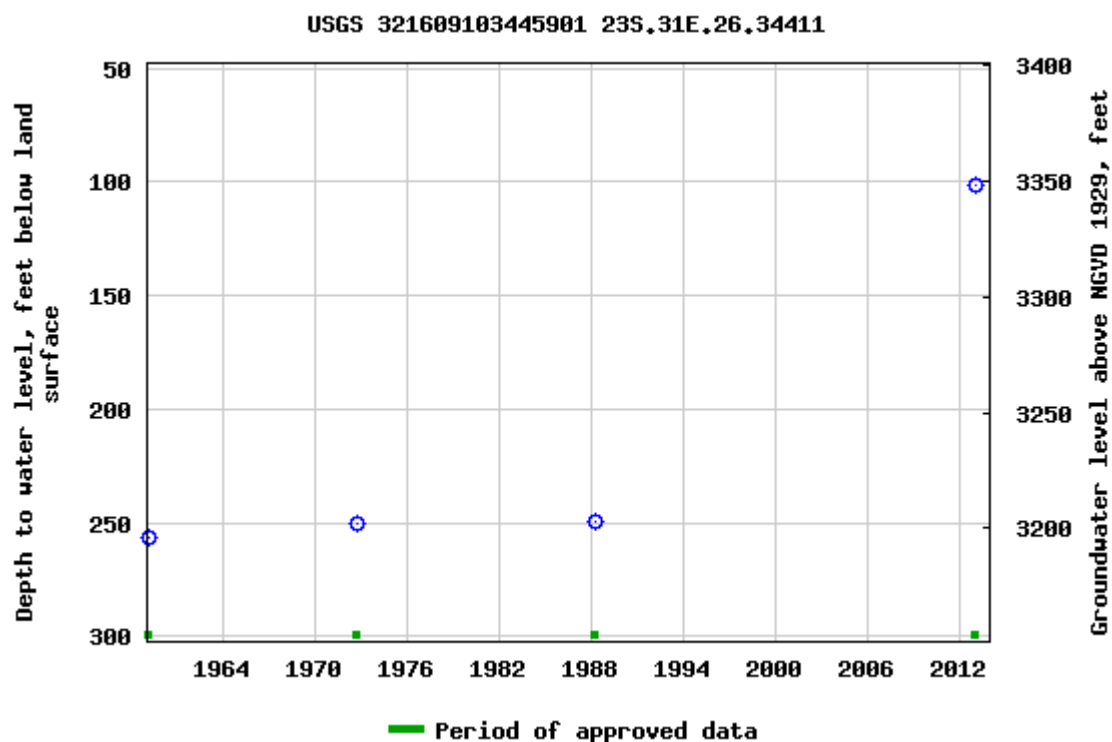
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



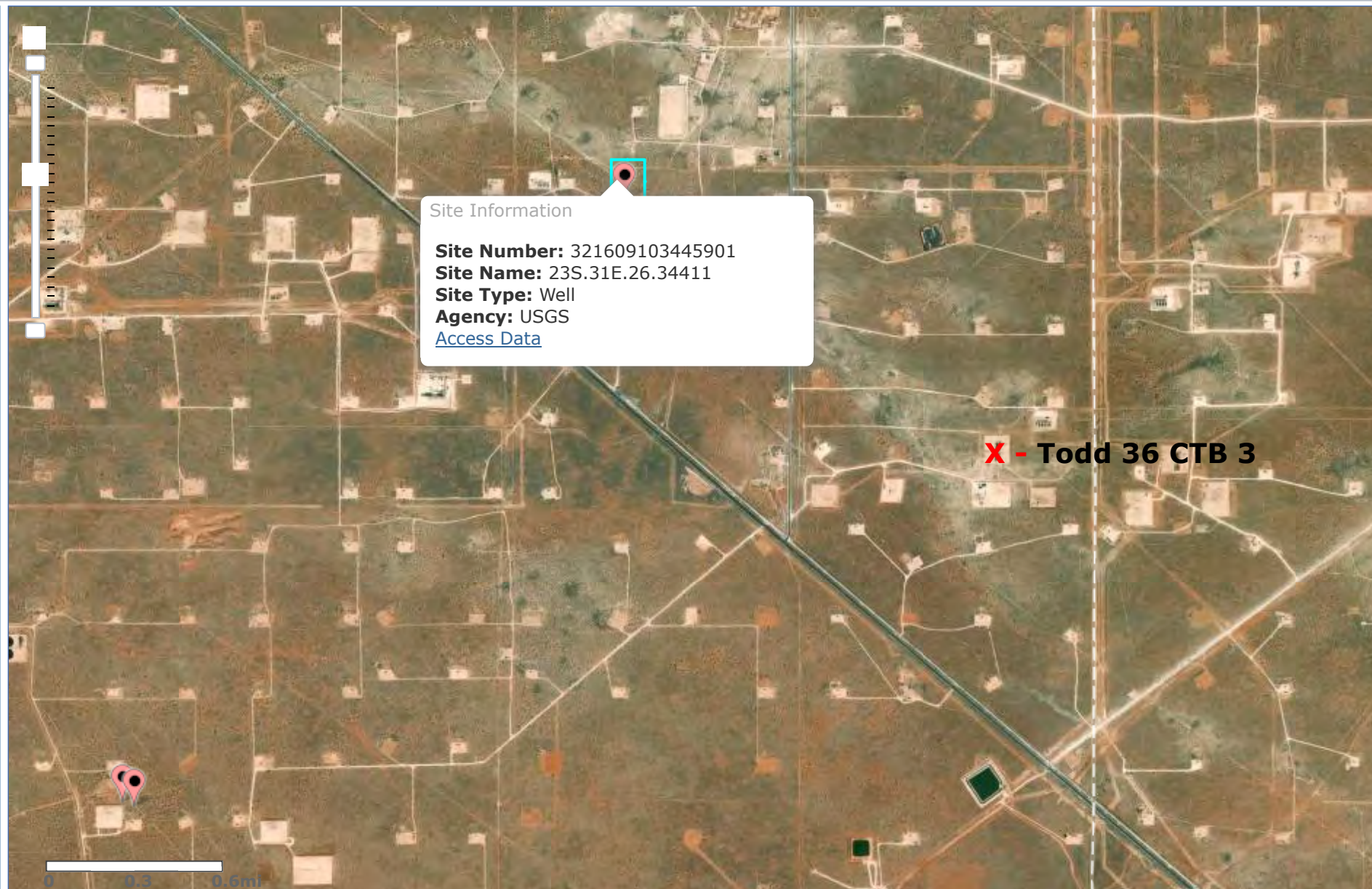
Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2024-05-21 15:43:13 EDT

0.61 0.52 nadww01



National Water Information System: Mapper

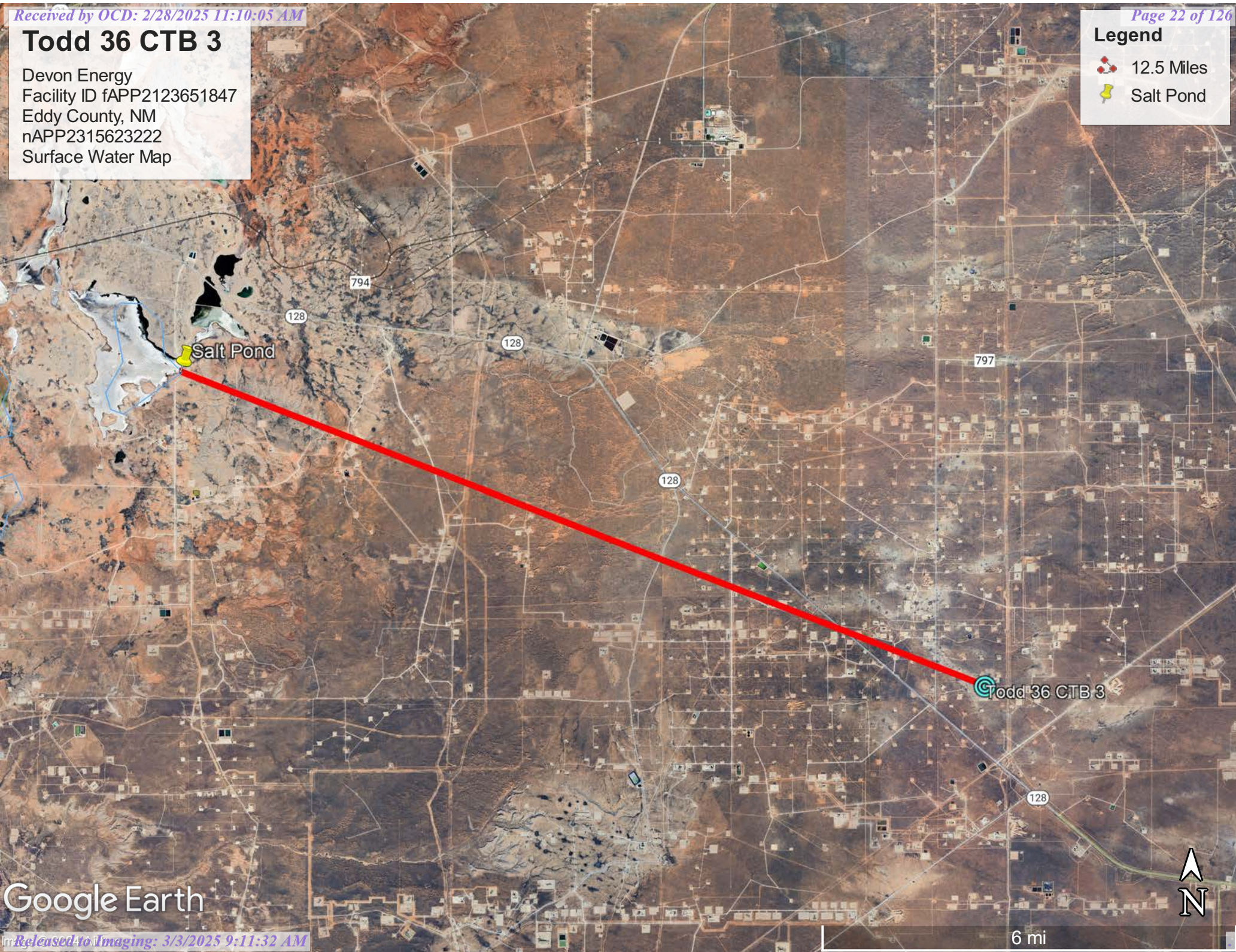


Todd 36 CTB 3

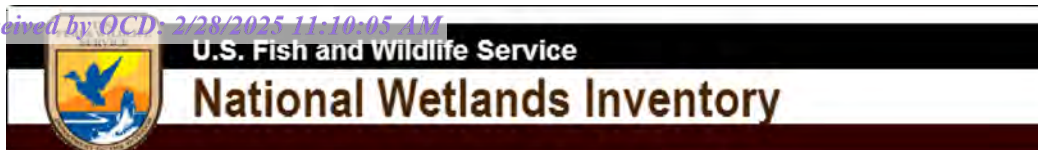
Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Surface Water Map

Legend

- 12.5 Miles
- Salt Pond



Google Earth



Wetlands Map



August 31, 2023

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°44'1"W 32°15'37"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°43'24"W 32°15'7"N

Released to Imaging: 3/3/2025 9:11:32 AM

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) 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
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile 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 2/17/2025 at 2:20 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.

APPENDIX B

Soil Survey

Soil Map

Geologic Unit Map



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Todd 36 CTB 3 | nAPP2315623222

DEVON ENERGY PRODUCTION, LP.

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

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

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

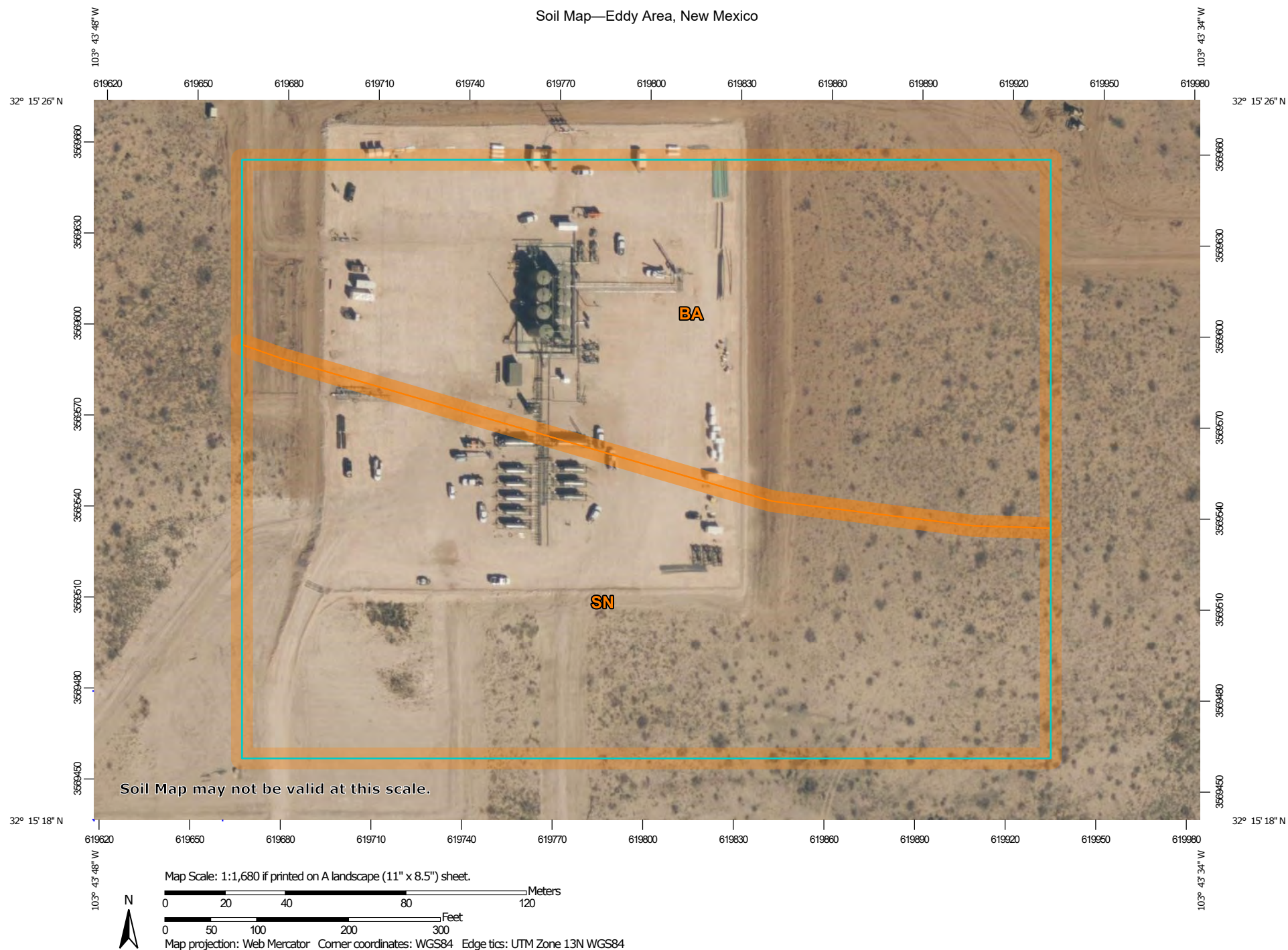
Dune land

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

Data Source Information

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

Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/21/2024
Page 1 of 3

Soil Map—Eddy Area, New Mexico

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 19, Sep 7, 2023

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	6.5	49.5%
SN	Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded	6.6	50.5%
Totals for Area of Interest		13.1	100.0%

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Geologic Unit Map

Legend

-  Eolian and piedmont deposits
-  Piedmont alluvial deposits

 Todd 36 CTB 3

Google Earth

Image © 2024 Airbus



4 mi

APPENDIX C

48-Hour Notifications



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Todd 36 CTB 3 | nAPP2315623222

DEVON ENERGY PRODUCTION, LP.

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS

Action 348850

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 348850
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2315623222
Incident Name	NAPP2315623222 TODD 36 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123651847] TODD 36 CTB 3

Location of Release Source	
Site Name	TODD 36 CTB 3
Date Release Discovered	06/04/2023
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	904
What is the estimated number of samples that will be gathered	13
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/31/2024
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	D-36-23S-31E Lat/Long: 32.26694,-103.739066 From the intersection of Red Road and NM128 in Eddy county, travel north on Red Rd for 450 feet, turn east on lease road for 0.8 miles, turn north for 300 feet, continue north into location

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 348850

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 348850
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/29/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 429828

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 429828
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2315623222
Incident Name	NAPP2315623222 TODD 36 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2123651847] TODD 36 CTB 3

Location of Release Source	
Site Name	TODD 36 CTB 3
Date Release Discovered	06/04/2023
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	518
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/12/2025
Time sampling will commence	07:30 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.256350, -103.729001

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 429828

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 429828
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/10/2025

APPENDIX D

Photographic Documentation

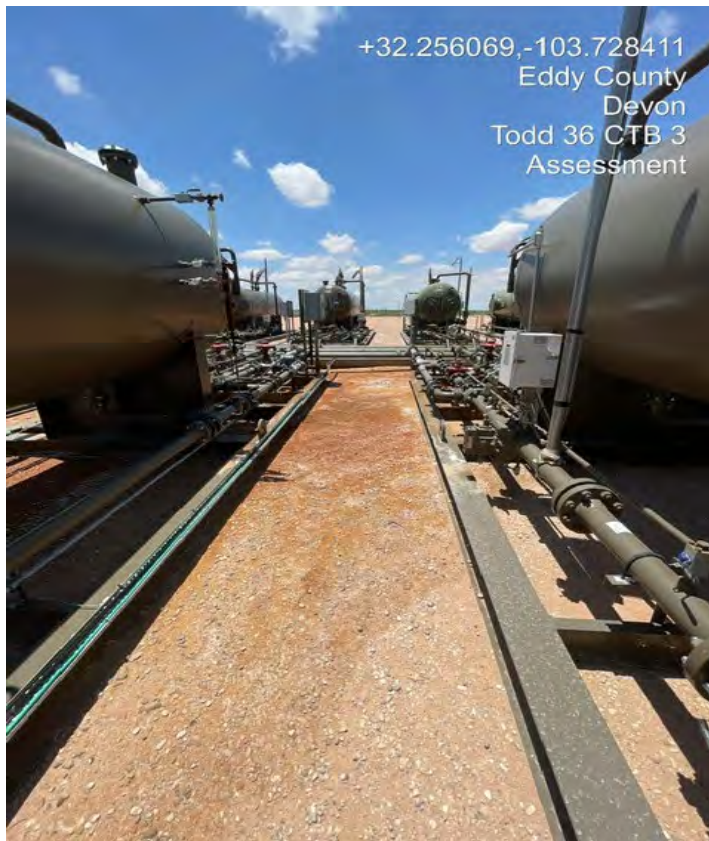


Pima Environmental Services, LLC
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575-964-7740 | www.pimaoil.com

Todd 36 CTB 3 | nAPP2315623222

DEVON ENERGY PRODUCTION, LP.

2023





2024



Devon Energy Production, LP
Todd 36 CTB 3



2025



Devon Energy Production, LP

Todd 36 CTB 3



Devon Energy Production, LP

Todd 36 CTB 3



Devon Energy Production, LP
Todd 36 CTB 3



+32.255994,-103.728403
260° W
Devon
Todd 36 CTB 3
Excavation



+32.256041,-103.728465
326° NW
Eddy County
Devon
Todd 36 CTB 3
Excavation



+32.256041,-103.728465
326° NW
Eddy County
Devon
Todd 36 CTB 3
Excavation



+32.256065,-103.728721
46° NE
Eddy County
Devon
Todd 36 CTB 3
Excavation

Devon Energy Production, LP
Todd 36 CTB 3

Backfill





APPENDIX E

Laboratory Reports



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Todd 36 CTB 3 | nAPP2315623222

DEVON ENERGY PRODUCTION, LP.

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Todd 36 CTB 3

Work Order: E306046

Job Number: 01058-0007

Received: 6/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/13/23

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: 6/13/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Todd 36 CTB 3
Workorder: E306046
Date Received: 6/7/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2023 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 06/13/23 12:02
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E306046-01A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S2 - 1'	E306046-02A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S3 - 1	E306046-03A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S1 - 2'	E306046-04A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S2 - 2'	E306046-05A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S3 - 2'	E306046-06A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S1 - 3'	E306046-07A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S2 - 3'	E306046-08A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S3 - 3'	E306046-09A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S1 - 4'	E306046-10A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S2 - 4'	E306046-11A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S3 - 4'	E306046-12A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW-1	E306046-13A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW-2	E306046-14A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW-3	E306046-15A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW-4	E306046-16A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
BG-1	E306046-17A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Todd 36 CTB 3 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 6/13/2023 12:02:23PM
---	---	--

S1 - 1'

E306046-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.5 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.9 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	85.6	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>	67.5 %	50-200		06/07/23	06/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	11000	400	20	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S2 - 1'

E306046-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>						
	64.8 %	50-200		06/07/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	7880	400	20	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S3 - 1

E306046-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>						
	66.9 %	50-200		06/07/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	10200	400	20	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S1 - 2'

E306046-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
<i>Surrogate: n-Nonane</i>						
	71.5 %	50-200		06/07/23	06/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	2600	40.0	2	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S2 - 2'

E306046-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	72.3 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	2480	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S3 - 2'

E306046-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	72.4 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	304	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S1 - 3'

E306046-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	72.3 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	554	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S2 - 3'

E306046-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	71.9 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323032
Chloride	2450	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S3 - 3'

E306046-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	71.2 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323032
Chloride	442	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S1 - 4'

E306046-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	67.3 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323032
Chloride	46.5	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S2 - 4'

E306046-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	71.4 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	68.8	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

S3 - 4'

E306046-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	71.2 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	26.5	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

SW-1

E306046-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	71.4 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323032
Chloride	69.3	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

SW-2

E306046-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		06/07/23	06/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	71.0 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	ND	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

SW-3

E306046-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/09/23	
Toluene	ND	0.0250	1	06/07/23	06/09/23	
o-Xylene	ND	0.0250	1	06/07/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		06/07/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		06/07/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	73.6 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	ND	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

SW-4

E306046-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Benzene	ND	0.0250	1	06/07/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/09/23	
Toluene	ND	0.0250	1	06/07/23	06/09/23	
o-Xylene	ND	0.0250	1	06/07/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		06/07/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2323033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		06/07/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2323028	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	72.2 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2323032	
Chloride	ND	20.0	1	06/07/23	06/08/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
6/13/2023 12:02:23PM

BG-1

E306046-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/09/23	
Toluene	ND	0.0250	1	06/07/23	06/09/23	
o-Xylene	ND	0.0250	1	06/07/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/09/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		06/07/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/09/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		06/07/23	06/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
<i>Surrogate: n-Nonane</i>						
	72.4 %	50-200		06/07/23	06/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2323032
Chloride	ND	20.0	1	06/07/23	06/08/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2023 12:02:23PM

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 (2323033-BLK1)

Prepared: 06/07/23 Analyzed: 06/08/23

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	7.68		8.00		96.0	70-130			

LCS (2323033-BS1)

Prepared: 06/07/23 Analyzed: 06/08/23

Benzene	4.35	0.0250	5.00		87.0	70-130			
Ethylbenzene	4.41	0.0250	5.00		88.2	70-130			
Toluene	4.52	0.0250	5.00		90.5	70-130			
o-Xylene	4.58	0.0250	5.00		91.6	70-130			
p,m-Xylene	8.97	0.0500	10.0		89.7	70-130			
Total Xylenes	13.5	0.0250	15.0		90.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike (2323033-MS1)

Source: E306046-04

Prepared: 06/07/23 Analyzed: 06/08/23

Benzene	4.46	0.0250	5.00	ND	89.3	54-133			
Ethylbenzene	4.56	0.0250	5.00	ND	91.1	61-133			
Toluene	4.66	0.0250	5.00	ND	93.2	61-130			
o-Xylene	4.69	0.0250	5.00	ND	93.8	63-131			
p,m-Xylene	9.25	0.0500	10.0	ND	92.5	63-131			
Total Xylenes	13.9	0.0250	15.0	ND	92.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			

Matrix Spike Dup (2323033-MSD1)

Source: E306046-04

Prepared: 06/07/23 Analyzed: 06/08/23

Benzene	4.16	0.0250	5.00	ND	83.2	54-133	7.02	20	
Ethylbenzene	4.24	0.0250	5.00	ND	84.8	61-133	7.20	20	
Toluene	4.34	0.0250	5.00	ND	86.8	61-130	7.07	20	
o-Xylene	4.40	0.0250	5.00	ND	88.0	63-131	6.33	20	
p,m-Xylene	8.63	0.0500	10.0	ND	86.3	63-131	6.94	20	
Total Xylenes	13.0	0.0250	15.0	ND	86.8	63-131	6.73	20	
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2023 12:02:23PM

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 (2323033-BLK1)

Prepared: 06/07/23 Analyzed: 06/08/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.2	70-130			

LCS (2323033-BS2)

Prepared: 06/07/23 Analyzed: 06/08/23

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike (2323033-MS2)

Source: E306046-04

Prepared: 06/07/23 Analyzed: 06/08/23

Gasoline Range Organics (C6-C10)	41.3	20.0	50.0	ND	82.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

Matrix Spike Dup (2323033-MSD2)

Source: E306046-04

Prepared: 06/07/23 Analyzed: 06/08/23

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.7	70-130	11.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 6/13/2023 12:02:23PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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 (2323028-BLK1)					Prepared: 06/07/23 Analyzed: 06/08/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	36.9		50.0		73.7	50-200			

LCS (2323028-BS1)					Prepared: 06/07/23 Analyzed: 06/08/23				
Diesel Range Organics (C10-C28)	242	25.0	250		97.0	38-132			
Surrogate: n-Nonane	36.2		50.0		72.4	50-200			

Matrix Spike (2323028-MS1)					Source: E306046-05		Prepared: 06/07/23 Analyzed: 06/08/23		
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.5	38-132			
Surrogate: n-Nonane	35.0		50.0		70.0	50-200			

Matrix Spike Dup (2323028-MSD1)					Source: E306046-05		Prepared: 06/07/23 Analyzed: 06/08/23		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.6	38-132	2.14	20	
Surrogate: n-Nonane	34.7		50.0		69.4	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/13/2023 12:02:23PM

Anions by EPA 300.0/9056A

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 (2323032-BLK1)					Prepared: 06/07/23 Analyzed: 06/08/23				
Chloride	ND	20.0							
LCS (2323032-BS1)					Prepared: 06/07/23 Analyzed: 06/12/23				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2323032-MS1)					Source: E306046-01		Prepared: 06/07/23 Analyzed: 06/08/23		
Chloride	10100	400	250	11000	NR	80-120			M5
Matrix Spike Dup (2323032-MSD1)					Source: E306046-01		Prepared: 06/07/23 Analyzed: 06/08/23		
Chloride	8720	400	250	11000	NR	80-120	14.2	20	M5

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

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/13/23 12:02

- M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated 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

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

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



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>1000 36 CTB3</u>					Attention: <u>Devon</u>		Lab WO# <u>E306046</u>		Job Number <u>0058-007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method							<u>X</u>		
Address: 5614 N. Lovington Hwy.					City, State, Zip						RCRA					
City, State, Zip: Hobbs, NM, 88240					Phone:											
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # <u>225-7</u>											
Report due by:																

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	6/3	S	1	S1-1'	1									
8:05				S2-1'	2									
8:16				S3-1	3									
8:15				S1-2'	4									
8:20				S2-2'	5									
8:25				S3-2'	6									
8:30				S1-3'	7									
8:35				S2-3'	8									
8:40				S3-3'	9									
8:45				S1-4'	10									

Additional Instructions: WO# 21177975

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.

Relinquished by: (Signature) Karime Adams Date 6/6/23 Time 230 Received by: (Signature) Michelle Campese Date 6-6-23 Time 1430

Relinquished by: (Signature) Michelle Campese Date 6-6-23 Time 1700 Received by: (Signature) Andrew Muro Date 6-6-23 Time 1715

Relinquished by: (Signature) Andrew Muro Date 6-6-23 Time 2330 Received by: (Signature) Autha Muro Date 6/7/23 Time 8:30

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 30 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.

Project Information

Chain of Custody

Page 2 of 2

Client: <u>Pima Environmental Services</u>					Bill To					Lab Use Only					TAT				EPA Program																																			
Project: <u>10dd 36 CTB#3</u>					Attention: <u>Devan</u>					Lab WO# <u>E306046</u>					Job Number <u>01058-0007</u>				1D		2D		3D		Standard		CWA		SDWA																									
Project Manager: <u>Tom Bynum</u>					Address:					Analysis and Method													RCRA																															
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip																																																	
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:					DRO/ORO by 8015					GRO/DRO by 8015					BTEX by 8021					VOC by 8260					Metals 6010					Chloride 300.0					BGDOC NM					BGDOC TX									
Phone: <u>580-748-1613</u>					Email:																																																	
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>225-7</u>																																																	
Report due by:																																																						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks																																																
8:50	6/5	S	1	SW-4 SZ-4'	11	X																																																
8:55				SW-4'	12																																																	
9:00				SW-1	13																																																	
1:05				SW-2	14																																																	
9:10				SW-3	15																																																	
9:15				SW-4	16																																																	
9:20 AM				BG-1																																																		
Additional Instructions: <u>WO# 211779.75</u>																																																						
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: <u>A.F.</u>																																																						
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.																																																						
Relinquished by: (Signature) <u>Karime Adams</u>					Date <u>6/6/23</u> Time <u>230</u>					Received by: (Signature) <u>Michelle Gonzales</u>					Date <u>6-6-23</u> Time <u>1430</u>					Lab Use Only																																		
Relinquished by: (Signature) <u>Michelle Gonzales</u>					Date <u>6-6-23</u> Time <u>1700</u>					Received by: (Signature) <u>Andrew Meso</u>					Date <u>6-6-23</u> Time <u>1715</u>					Received on ice: <u>(Y)</u> N																																		
Relinquished by: (Signature) <u>Andrew Meso</u>					Date <u>6-6-23</u> Time <u>2330</u>					Received by: (Signature) <u>Carth Man</u>					Date <u>6/7/23</u> Time <u>8:30</u>					T1 _____ T2 _____ T3 _____																																		
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 30 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.																																																						

Envirotech Analytical Laboratory

Printed: 6/7/2023 11:02:04AM

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:	Pima Environmental Services-Carlsbad	Date Received:	06/07/23 08:30	Work Order ID:	E306046
Phone:	(575) 631-6977	Date Logged In:	06/06/23 16:42	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/13/23 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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? Yes

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.



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

June 14, 2024

GIO GOMEZ

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: TODD 36 CTB3

Enclosed are the results of analyses for samples received by the laboratory on 06/10/24 14:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/10/2024
Reported: 06/14/2024
Project Name: TODD 36 CTB3
Project Number: 1-225-7
Project Location: DEVON

Sampling Date: 05/31/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 1 - SURFACE (H243312-01)

BTEx 8021B		mg/ kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662	
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13	
Total BTEX	<0.300	0.300	06/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/10/2024
Reported: 06/14/2024
Project Name: TODD 36 CTB3
Project Number: 1-225-7
Project Location: DEVON

Sampling Date: 05/31/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 1 - 1' (H243312-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662		
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51		
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74		
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13		
Total BTEX	<0.300	0.300	06/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/10/2024
Reported: 06/14/2024
Project Name: TODD 36 CTB3
Project Number: 1-225-7
Project Location: DEVON

Sampling Date: 05/31/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 2 - SURFACE (H243312-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662		
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51		
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74		
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13		
Total BTEx	<0.300	0.300	06/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8400	16.0	06/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/10/2024
Reported: 06/14/2024
Project Name: TODD 36 CTB3
Project Number: 1-225-7
Project Location: DEVON

Sampling Date: 05/31/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 2 - 1' (H243312-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662	
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13	
Total BTEX	<0.300	0.300	06/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/10/2024
Reported: 06/14/2024
Project Name: TODD 36 CTB3
Project Number: 1-225-7
Project Location: DEVON

Sampling Date: 05/31/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 3 - SURFACE (H243312-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662		
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51		
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74		
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13		
Total BTEx	<0.300	0.300	06/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6960	16.0	06/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/10/2024
Reported: 06/14/2024
Project Name: TODD 36 CTB3
Project Number: 1-225-7
Project Location: DEVON

Sampling Date: 05/31/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 3 - 1' (H243312-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662		
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51		
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74		
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13		
Total BTEx	<0.300	0.300	06/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/10/2024
Reported: 06/14/2024
Project Name: TODD 36 CTB3
Project Number: 1-225-7
Project Location: DEVON

Sampling Date: 05/31/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 4 - SURFACE (H243312-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662		
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51		
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74		
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13		
Total BTEx	<0.300	0.300	06/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	28800	16.0	06/13/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 06/10/2024
Reported: 06/14/2024
Project Name: TODD 36 CTB3
Project Number: 1-225-7
Project Location: DEVON

Sampling Date: 05/31/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 4 - 1' (H243312-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662		
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51		
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74		
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13		
Total BTEX	<0.300	0.300	06/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Pima Environmental</u>				BILL TO				ANALYSIS REQUEST														
Project Manager: <u>Gio Gomez</u>				P.O. #:																		
Address: <u>5614 N Lovington Hwy</u>				Company: <u>Devon</u>																		
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>				Attn:																		
Phone #: <u>575-964-7740</u> Fax #:				Address:																		
Project #: <u>1-225-7</u> Project Owner: <u>Devon</u>				City:																		
Project Name: <u>Todd 36 CTB3</u>				State: Zip:																		
Project Location:				Phone #:																		
Sampler Name:				Fax #:																		
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME								
<u>H243312</u>																						
<u>1</u>	<u>S1-Surface</u>	<u>G</u>				<u>X</u>				<u>X</u>			<u>5/31/24</u>	<u>8:03</u>	<u>X</u>	<u>X</u>	<u>X</u>					
<u>2</u>	<u>S1-1'</u>													<u>8:10</u>								
<u>3</u>	<u>S2-Surface</u>													<u>8:20</u>								
<u>4</u>	<u>S2-1'</u>													<u>8:28</u>								
<u>5</u>	<u>S3-Surface</u>													<u>8:33</u>								
<u>6</u>	<u>S3-1'</u>													<u>8:37</u>								
<u>7</u>	<u>S4-Surface</u>													<u>8:41</u>								
<u>8</u>	<u>S4-1'</u>													<u>8:45</u>								

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Relinquished By: <u>Karime Adams</u>		Date: <u>6-10-24</u>	Received By: <u>Sfodriguey</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <u>1457</u>		Time:		All Results are emailed. Please provide Email address: <u>tom@Pimaoil.com</u>		
Relinquished By:		Date:	Received By:		REMARKS: <u>Billing# 21177975</u>	
Time:		Time:				
Delivered By: (Circle One)		Observed Temp. °C: <u>-7.1</u>	Sample Condition		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
Sampler - UPS - Bus - Other:		Corrected Temp. °C:	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition	
			Checked By: (Initials) <u>882</u>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
					Observed Temp. °C:	
					Corrected Temp. °C:	
					Thermometer ID #140	
					Correction Factor 0°C	

FORM-006 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to: info@cardinallabsnm.com

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Todd 36 CTB 3

Work Order: E502111

Job Number: 01058-0007

Received: 2/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/14/25

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: 2/14/25

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Todd 36 CTB 3
Workorder: E502111
Date Received: 2/14/2025 5:00:21AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/14/2025 5:00:21AM, 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
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 02/14/25 14:37
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1-10"	E502111-01A	Soil	02/12/25	02/14/25	Glass Jar, 4 oz.
2-10"	E502111-02A	Soil	02/12/25	02/14/25	Glass Jar, 4 oz.
W1-10"	E502111-03A	Soil	02/12/25	02/14/25	Glass Jar, 4 oz.
W2-10"	E502111-04A	Soil	02/12/25	02/14/25	Glass Jar, 4 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:37:06PM

1-10"

E502111-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.2 %	70-130	02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2507105	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	02/14/25	02/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2507104	
Chloride	897	20.0	1	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:37:06PM

2-10"

E502111-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.7 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2507105	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	117 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507104	
Chloride	1510	20.0	1	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:37:06PM

W1-10"

E502111-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.1 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2507105
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	117 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507104
Chloride	ND	20.0	1	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:37:06PM

W2-10"

E502111-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.4 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2507105
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	118 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507104
Chloride	ND	20.0	1	02/14/25	02/14/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 2/14/2025 2:37:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2507100-BLK1)

Prepared: 02/14/25 Analyzed: 02/14/25

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	6.99		8.00		87.3	70-130			

LCS (2507100-BS1)

Prepared: 02/14/25 Analyzed: 02/14/25

Benzene	5.31	0.0250	5.00		106	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
Toluene	5.26	0.0250	5.00		105	70-130			
o-Xylene	5.14	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			

LCS Dup (2507100-BSD1)

Prepared: 02/14/25 Analyzed: 02/14/25

Benzene	4.82	0.0250	5.00		96.3	70-130	9.66	20	
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130	10.2	20	
Toluene	4.76	0.0250	5.00		95.2	70-130	9.98	20	
o-Xylene	4.70	0.0250	5.00		93.9	70-130	8.99	20	
p,m-Xylene	9.45	0.0500	10.0		94.5	70-130	10.2	20	
Total Xylenes	14.1	0.0250	15.0		94.3	70-130	9.78	20	
Surrogate: 4-Bromochlorobenzene-PID	7.02		8.00		87.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 2/14/2025 2:37:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2507100-BLK1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

LCS (2507100-BS2)					Prepared: 02/14/25 Analyzed: 02/14/25				
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			

LCS Dup (2507100-BSD2)					Prepared: 02/14/25 Analyzed: 02/14/25				
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0		86.7	70-130	5.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 2/14/2025 2:37:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2507105-BLK1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.2		50.0		108	61-141			

LCS (2507105-BS1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	55.3		50.0		111	61-141			

LCS Dup (2507105-BSD1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Diesel Range Organics (C10-C28)	269	25.0	250		108	66-144	0.376	20	
Surrogate: n-Nonane	55.9		50.0		112	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 2/14/2025 2:37:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2507104-BLK1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Chloride	ND	20.0							
LCS (2507104-BS1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2507104-MS1)					Source: E502110-01		Prepared: 02/14/25 Analyzed: 02/14/25		
Chloride	2460	20.0	250	2250	86.6	80-120			
Matrix Spike Dup (2507104-MSD1)					Source: E502110-01		Prepared: 02/14/25 Analyzed: 02/14/25		
Chloride	2550	20.0	250	2250	121	80-120	3.40	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

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/14/25 14:37

- 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.



Chain of Custody

Client Information				Invoice Information				Lab Use Only								State				
Client: Pima Environmental Services, LLC				Company: Devon Energy				Lab WO#		Job Number		TAT				NM	CO	UT	TX	
Project Name: Todd 36 CTB 3				Address:				E502111		610 58-0007		x				X				
Project Manager: Tom Bynum				City, State, Zip:																
Address: 5614 N Lovington Hwy				Phone:																
City, State, Zip: Hobbs, NM 88240				Email:																
Phone: (580)748-1613				Miscellaneous: Project No. #1-225-7																
Email: Tom@pimaoil.com																				
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	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	SDWA	CWA	RCRA		
7:30	2/12/2025	S		1-10"		1						X					Compliance	Y	or	N
7:35				2-10"		2											PWSID #			
7:40				W1-10"		3														
7:46				W2-10"		4														
Additional Instructions: BILLING- 21489381																				
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: Andrew Franco																				
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.												
Andrew Franco		2/12/25	7:30	Karime Adame		2/13/25	8:20													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
Karime Adame		2/13/25	10:00	Michelle Gonzales		2-13-25	1000													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
Michelle Gonzales		2-13-25	1730	L.H.		2-13-25	1730													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
L.H.		2-13-25	2400	Kyrle R Hacer		2-14-25	0500													
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.																				

Envirotech Analytical Laboratory

Printed: 2/14/2025 12:58:19PM

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:	Pima Environmental Services-Carlsbad	Date Received:	02/14/25 05:00	Work Order ID:	E502111
Phone:	(575) 631-6977	Date Logged In:	02/13/25 14:51	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	02/14/25 17:00 (0 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? No
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/Resolution

No of containers not provided on COC.

Sample 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Todd 36 CTB 3

Work Order: E502176

Job Number: 01058-0007

Received: 2/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/20/25

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: 2/20/25

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Todd 36 CTB 3
Workorder: E502176
Date Received: 2/20/2025 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/20/2025 5:00:00AM, 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
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 02/20/25 15:22
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BACKFILL 1	E502176-01A	Soil	02/13/25	02/20/25	Glass Jar, 2 oz.
BACKFILL 2	E502176-02A	Soil	02/13/25	02/20/25	Glass Jar, 2 oz.
BACKFILL 3	E502176-03A	Soil	02/13/25	02/20/25	Glass Jar, 2 oz.
BACKFILL 4	E502176-04A	Soil	02/13/25	02/20/25	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/20/2025 3:22:43PM

BACKFILL 1

E502176-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		78.3 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2508086	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/20/25	02/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2508081	
Chloride	ND	20.0	1	02/19/25	02/20/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/20/2025 3:22:43PM

BACKFILL 2

E502176-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	79.0 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2508086	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/20/25	02/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2508081	
Chloride	ND	20.0	1	02/19/25	02/20/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/20/2025 3:22:43PM

BACKFILL 3

E502176-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.8 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2508086	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/20/25	02/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2508081	
Chloride	ND	20.0	1	02/19/25	02/20/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/20/2025 3:22:43PM

BACKFILL 4

E502176-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2508086	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		02/20/25	02/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2508081	
Chloride	ND	20.0	1	02/19/25	02/20/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 2/20/2025 3:22:43PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2508080-BLK1)

Prepared: 02/19/25 Analyzed: 02/19/25

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 (2508080-BS1)

Prepared: 02/19/25 Analyzed: 02/19/25

Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.5	70-130			
Toluene	5.00	0.0250	5.00		99.9	70-130			
o-Xylene	4.89	0.0250	5.00		97.7	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.8	0.0250	15.0		98.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			

LCS Dup (2508080-BSD1)

Prepared: 02/19/25 Analyzed: 02/19/25

Benzene	5.15	0.0250	5.00		103	70-130	1.30	20	
Ethylbenzene	4.94	0.0250	5.00		98.7	70-130	1.27	20	
Toluene	5.06	0.0250	5.00		101	70-130	1.32	20	
o-Xylene	4.94	0.0250	5.00		98.8	70-130	1.03	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	1.19	20	
Total Xylenes	15.0	0.0250	15.0		99.7	70-130	1.14	20	
Surrogate: 4-Bromochlorobenzene-PID	6.83		8.00		85.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 2/20/2025 3:22:43PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2508080-BLK1) Prepared: 02/19/25 Analyzed: 02/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

LCS (2508080-BS2) Prepared: 02/19/25 Analyzed: 02/19/25

Gasoline Range Organics (C6-C10)	37.7	20.0	50.0		75.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			

LCS Dup (2508080-BSD2) Prepared: 02/19/25 Analyzed: 02/19/25

Gasoline Range Organics (C6-C10)	38.3	20.0	50.0		76.6	70-130	1.53	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 2/20/2025 3:22:43PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2508086-BLK1)					Prepared: 02/20/25 Analyzed: 02/20/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.2	61-141			

LCS (2508086-BS1)					Prepared: 02/20/25 Analyzed: 02/20/25				
Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: n-Nonane	47.0		50.0		94.0	61-141			

LCS Dup (2508086-BSD1)					Prepared: 02/20/25 Analyzed: 02/20/25				
Diesel Range Organics (C10-C28)	259	25.0	250		103	66-144	1.55	20	
Surrogate: n-Nonane	47.8		50.0		95.7	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/20/2025 3:22:43PM

Anions by EPA 300.0/9056A

Analyst: DT

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 (2508081-BLK1)					Prepared: 02/19/25 Analyzed: 02/19/25				
Chloride	ND	20.0							
LCS (2508081-BS1)					Prepared: 02/19/25 Analyzed: 02/19/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2508081-MS1)					Source: E502175-02		Prepared: 02/19/25 Analyzed: 02/19/25		
Chloride	268	20.0	250	ND	107	80-120			
Matrix Spike Dup (2508081-MSD1)					Source: E502175-02		Prepared: 02/19/25 Analyzed: 02/19/25		
Chloride	269	20.0	250	ND	107	80-120	0.262	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

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/20/25 15:22

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.



Released to Imaging: 3/3/2025 9:11:32 AM

Envirotech Analytical Laboratory

Printed: 2/20/2025 8:40:11AM

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:	Pima Environmental Services-Carlsbad	Date Received:	02/20/25 05:00	Work Order ID:	E502176
Phone:	(575) 631-6977	Date Logged In:	02/19/25 14:37	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	02/20/25 17:00 (0 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? No
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/Resolution

No of containers not provided on COC.

Sample 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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.

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

QUESTIONS

Action 437599

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 437599
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2315623222
Incident Name	NAPP2315623222 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	06/04/2023
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: Equipment Failure Separator Produced Water Released: 10 BBL Recovered: 9 BBL Lost: 1 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)	Lease operator was at location when noticed fluid spraying from around the 3 phase separators. Found discharge pipe leaking from a weld connected to a flange. The well was shut in and the leak was isolated. All fluids stayed on pad. Recovered volumes are not available as of this notification. Leak was not in an area of lined containment.

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QUESTIONS, Page 2

Action 437599

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 437599
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
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@dv.com Date: 02/28/2025
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QUESTIONS, Page 3

Action 437599

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 437599
	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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
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)	28800
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	02/07/2025
On what date will (or did) the final sampling or liner inspection occur	02/12/2025
On what date will (or was) the remediation complete(d)	02/21/2025
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	283
What is the estimated volume (in cubic yards) that will be remediated	9

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 437599

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 437599
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<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>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<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: 02/28/2025
<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 437599

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 437599
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
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.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 437599

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 437599
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	429828
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/12/2025
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	518

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	283
What was the total volume (cubic yards) remediated	9
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)	DTGW is >100', release area is all on pad surface
<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: 02/28/2025

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Action 437599

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 437599
	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 437599

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 437599
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2315623222 TODD 36 CTB 3, thank you. This Remediation Closure Report is approved.	3/3/2025