



## SITE CHARACTERIZATION AND REMEDIALATION WORK PLAN

---

PREPARED FOR:  
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:  
PIMA ENVIRONMENTAL SERVICES, LLC.

October 28, 2025  
PIMA ENVIRONMENTAL SERVICES, LLC.  
5614 N LOVINGTON HWY, HOBBS, NM 88240



NMOCD District 1  
1625 N. French Drive  
Hobbs, NM 88240

New Mexico State Land Office  
Environmental Compliance Office  
1300 West Broadway Avenue, Suite A  
Bloomfield, NM 87413

**RE: SITE CHARACTERIZATION AND REMEDIATION WORK PLAN**

**LOCATION:** North Thistle 15 CTB 2

**WELL API:** N/A

**GPS:** 32.29849, -103.56582

**INCIDENT LOCATION:** M-15-T23S-R33E

**COUNTY:** Lea

**NMOCD REF. NO.** NAPP2515572571

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Site Characterization and Remediation Work Plan for a produced water release that occurred at the North Thistle 15 CTB 2 (North Thistle). This incident was assigned Incident ID: NAPP2515572571, by the New Mexico Oil Conservation Division (NMOCD).

**RELEASE INFORMATION**

**NAPP2515572571:** On June 6, 2025, dump developed a pinhole leak. This allowed approximately 62 bbls of produced water to be released to the pad surface. 20 bbls were recovered.

**SITE CHARACTERIZATION**

The North Thistle is located approximately twenty-five (25) miles northwest of Jal, NM. This spill site is listed in Unit M, Section 15, Township 23S, Range 33E, Latitude 32.29849 Longitude -103.56582, Lea County, NM. The coordinates where release occurred are 32.30117, -103.55831. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of 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. The soil in this area is made up of Pyote and Maljamar fine sands, 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 North Thistle (Figure 3). A Topographic Map is referenced in Figure 2.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04664-POD1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.06 miles away from the North Thistle, drilled, September 7, 2022. Conversely, as per the United States Geological



Survey well water data (USGS321952103400801), the nearest groundwater depth in this region is recorded at 487 feet BGS, situated approximately 6.91 miles away from the North Thistle, with the last gauge conducted in 2012. The nearest water feature is a Salt Playa located approximately 8.67 miles to the east of this site. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps. Closure criteria for this release area will be according to the 51-100' section of Table 1 19.15.29 NMAC. The regulatory limits for release on pad area are as follows. Chlorides should be less than 10,000 mg/kg, TPH (GRO+DRO+MRO) should be less than 2,500 mg/kg, BTEX should be less than 50 mg/kg, and Benzene should be less than 10 mg/kg.

## CULTURAL PROPERTIES PROTECTION

The area of concern at the Site is in previously disturbed areas developed for oil and gas extraction; therefore, a cultural resource survey is not required for planned remediation activities.

## BIOLOGICALLY SENSITIVE AREAS

Readily available data were reviewed to determine if the North Thistle lies within biologically sensitive areas. The U.S Fish and Wildlife Services (USFWS) Information for Planning and Consultation (IPaC) and the New Mexico Department of Game and Fish (NMDGF) Environmental Tool (ERT) were queried to determine if sensitive wildlife or plant areas are present at the North Thistle. The North Thistle is not identified as being within biologically sensitive areas where reclamation would impact sensitive plant habitats.

## PROPOSED REMEDIATION PLAN

Pima would like to propose the following Remediation Plan for consideration and approval:

1. Pima visited the site to do a visual assessment of the site and release area pertaining to this incident. In doing so, Pima concluded that the release area measured totaled approximately 1,780 square feet, and all contamination remained on pad. A Site Map can be found in Figure 5. Photographic Documentation can be found in Appendix C.
2. Included in this Remediation Work Plan is a Site Map (Figure 5) showing eight (8) vertical samples and seven (7) horizontal samples that were collected as delineation/exploration samples. These samples were collected from surface, 1', 2', 3', and 4' bgs. Additional delineation samples were collected from sample points S4 and S5 at 5' in order to achieve full delineation. Additional samples were collected for sidewall samples SW3, SW4, SW5, SW6 & SW7 from surface, 1', 2', 3', and 4' bgs. These samples had to be extended laterally in order to accurately determine the extent of the release. Data Tables can be found in Figure 4. A complete Laboratory Report can be found in Appendix D.
3. The estimated volume of soil to be remediated from S5, S7, S8, SW7 is based on a depth of 1' bgs, approximately 600 square feet and 23 cubic yards.
4. The estimated volume of soil to be remediated from S1, S2, S6, SW5, and SW6 is based on a depth of 2' bgs, approximately 650 square feet and 49 cubic yards.
5. Devon Energy proposes to dig and haul contaminated soil per the Proposed Excavation Map included in Figure 6. The excavated areas will be backfilled with clean soil to remediate/reclaim the site. Devon Energy will submit the required 48-hour sampling notification before collecting 5-point composite samples from the excavated area. The confirmation samples will be collected representing a surface area of no more than 200 ft<sup>2</sup>.



6. Work will commence within 30 days of approval of this work plan by NMOCD and will be completed within 30 days after the start of construction.
7. Once work is completed, a Deferral Closure Report will be submitted to the State Land Office and NMOCD for review and approval.

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@dv.com](mailto:jim.raley@dv.com).

Pima Environmental – DelRae Geller at 806-724-5391 or [delrae@pimaoil.com](mailto:delrae@pimaoil.com).

Respectfully,

*DelRae Geller*

DelRae Geller

Project Manager

Pima Environmental Services, LLC.

## ATTACHMENTS

### FIGURES:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tables
- 5- Site Map
- 6- Proposed Excavation Map

### APPENDICES:

Appendix A – Water Surveys and Water Related Maps

Appendix B – Soil Survey, Geological Data

Appendix C – Photographic Documentation

Appendix D – Laboratory Reports



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

North Thistle 15 CTB 2 | NAPP2515572571

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## FIGURES

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tables
- 5- Site Map
- 6- Proposed Excavation Map



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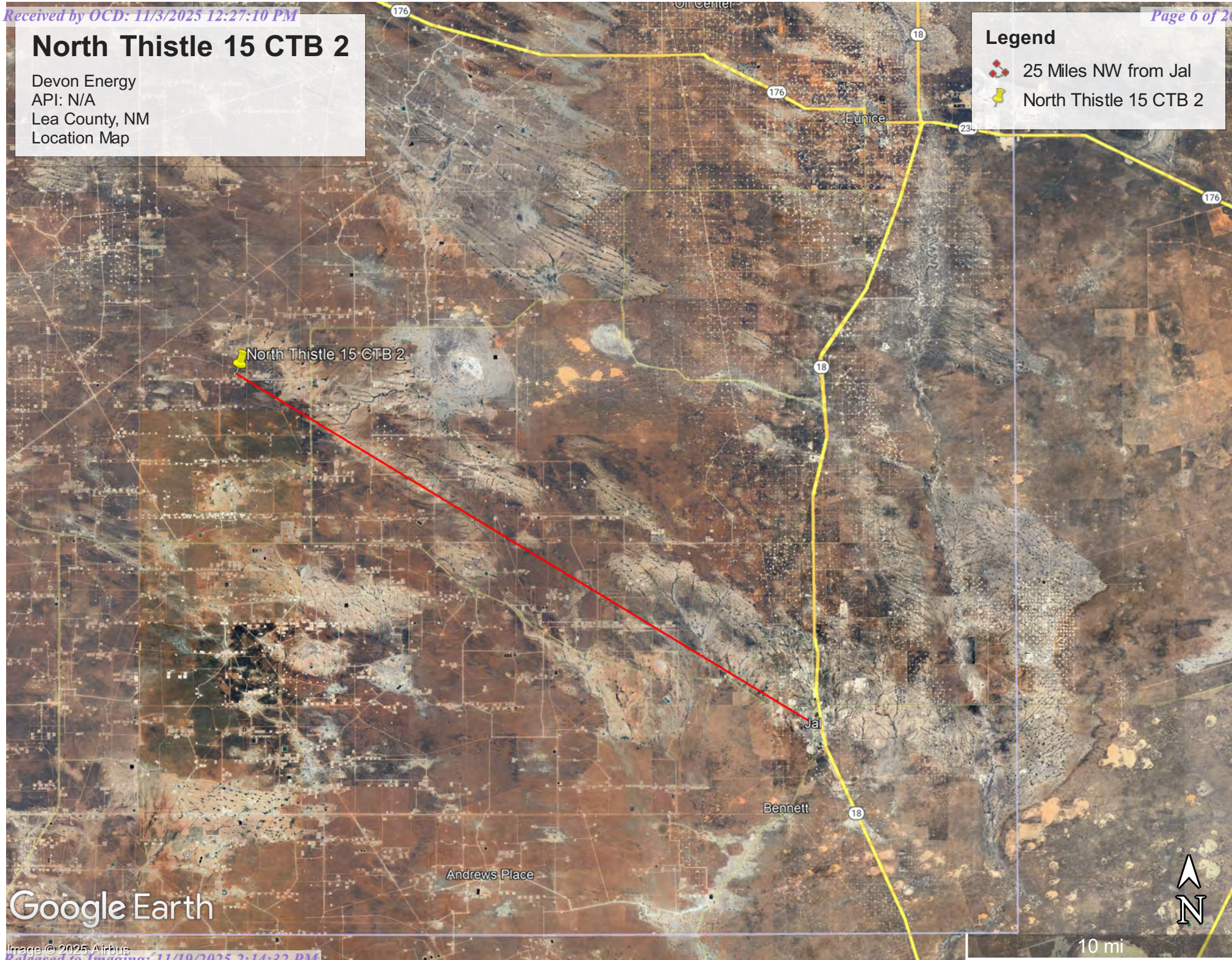


# North Thistle 15 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Location Map

## Legend

-  25 Miles NW from Jal
-  North Thistle 15 CTB 2



Google Earth

Image © 2025 Airbus

10 mi




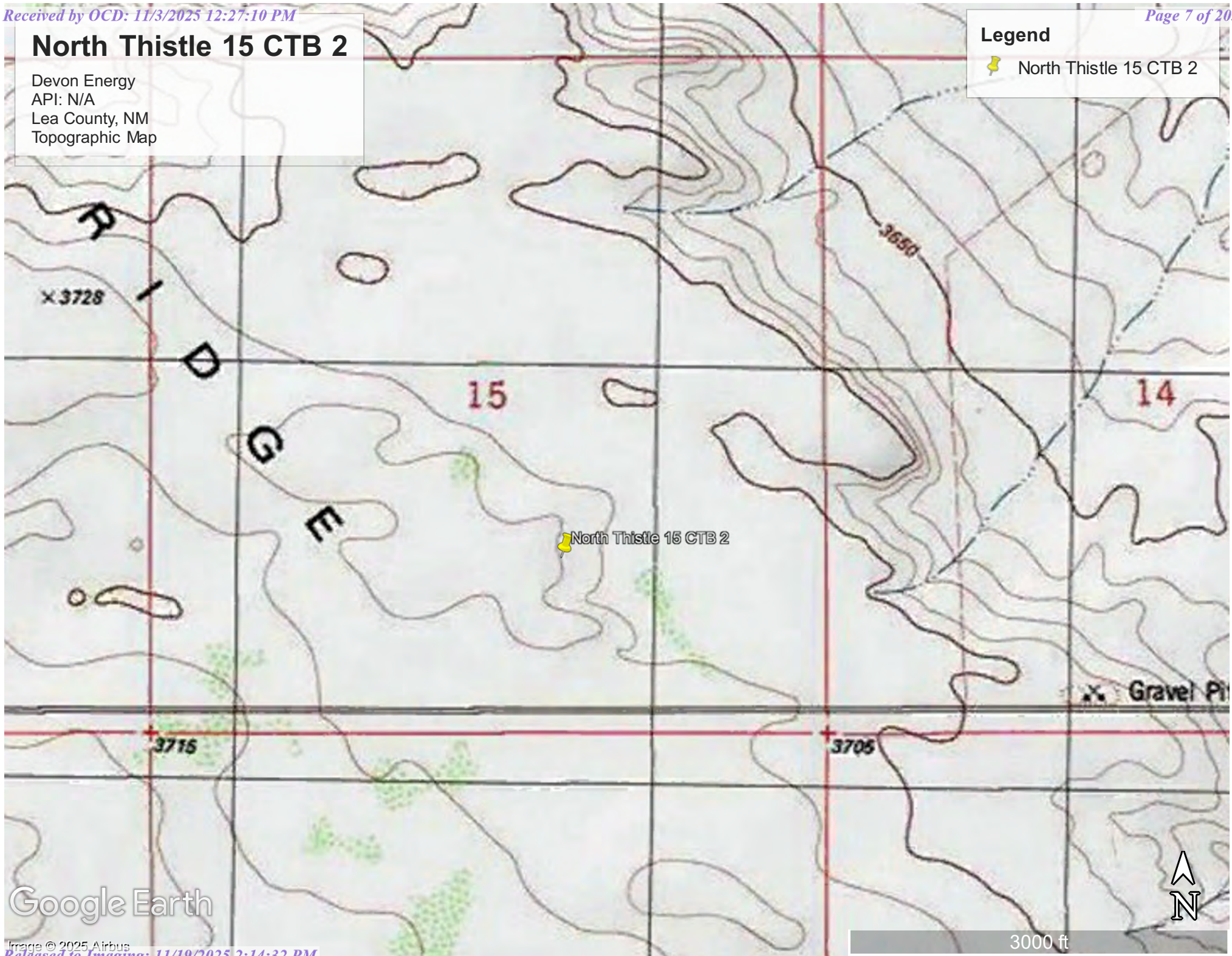


# North Thistle 15 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Topographic Map

## Legend

 North Thistle 15 CTB 2





# North Thistle 15 CTB 2


Devon Energy  
API: N/A  
Lea County, NM  
Karst Map

## Legend

-  High Karst
-  Low Karst
-  Medium Karst
-  North Thistle 15 CTB 2

Google Earth

Image © 2025 Airbus

 North Thistle 15 CTB 2



9 mi

## DATA TABLES

### 8-20-2024 SOIL SAMPLE RESULTS

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2								
Date: 8-20-25		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
S1	Surface	ND	ND	ND	692	628	1320	41.4
	1'	ND	ND	ND	2180	824	3004	1820
	2'	ND	ND	ND	53.2	77.5	130.7	634
	3'	ND	ND	ND	ND	ND	ND	130
	4'	ND	ND	ND	ND	ND	ND	109
S2	Surface	ND	ND	ND	1550	1450	3000	7710
	1'	ND	ND	ND	5370	1940	7310	1700
	2'	ND	ND	ND	58.4	82	140.4	140
	3'	ND	ND	ND	ND	ND	ND	107
	4'	ND	ND	ND	ND	ND	ND	99.8
S3	Surface	ND	ND	ND	ND	ND	ND	4690
	1'	ND	ND	ND	ND	ND	ND	1500
	2'	ND	ND	ND	ND	ND	ND	925
	3'	ND	ND	ND	ND	ND	ND	45.3
	4'	ND	ND	ND	ND	ND	ND	269
S4	Surface	ND	ND	ND	925	537	1462	2430
	1'	ND	ND	ND	31.5	ND	31.5	314
	2'	ND	ND	ND	ND	ND	ND	628
	3'	ND	ND	ND	ND	ND	ND	537
	4'	ND	ND	ND	59.9	ND	59.9	1020
S5	Surface	ND	ND	ND	2090	1880	3970	352
	1'	ND	ND	ND	79.9	79.7	159.6	265
	2'	ND	ND	ND	63.7	71.5	135.2	195
	3'	ND	ND	ND	ND	ND	ND	241
	4'	ND	ND	ND	76.4	75.6	152	327
S6	Surface	ND	ND	ND	122	74.2	196.2	185
	1'	ND	ND	ND	1030	517	1547	435
	2'	ND	ND	ND	30.4	67.2	97.6	95.9
	3'	ND	ND	ND	ND	ND	ND	103
	4'	ND	ND	ND	ND	ND	ND	93.6



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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2								
Date: 8-20-25		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
S7	Surface	ND	ND	ND	4270	2690	6960	1110
	1'	ND	ND	ND	304	159	463	580
	2'	ND	ND	ND	ND	ND	ND	201
	3'	ND	ND	ND	ND	ND	ND	174
	4'	ND	ND	ND	ND	ND	ND	132
S8	Surface	ND	ND	ND	2680	1450	4130	244
	1'	ND	ND	ND	72.5	95.4	167.9	104
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	41.1
	4'	ND	ND	ND	ND	ND	ND	ND
SW1	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW2	Surface	ND	ND	ND	ND	ND	ND	34.2
	1'	ND	ND	ND	ND	ND	ND	113
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW3	Surface	ND	ND	ND	ND	ND	ND	3360
	1'	ND	ND	ND	ND	ND	ND	3860
	2'	ND	ND	ND	ND	ND	ND	1200
	3'	ND	ND	ND	ND	ND	ND	1240
	4'	ND	ND	ND	ND	ND	ND	34.5
SW4	Surface	ND	ND	ND	ND	ND	ND	374
	1'	ND	ND	ND	ND	ND	ND	2430
	2'	ND	ND	ND	ND	ND	ND	150
	3'	ND	ND	ND	ND	ND	ND	33
	4'	ND	ND	ND	ND	ND	ND	ND
SW5	Surface	ND	ND	ND	1560	1810	3370	69.5
	1'	ND	ND	ND	1330	767	2097	392
	2'	ND	ND	ND	388	192	580	387
	3'	ND	ND	ND	ND	ND	ND	182
	4'	ND	ND	ND	ND	ND	ND	133



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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2								
Date: 8-20-25		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
SW6	Surface	ND	ND	ND	988	679	1667	583
	1'	ND	ND	ND	3950	1660	5610	1670
	2'	ND	ND	ND	29	ND	29	314
	3'	ND	ND	ND	ND	ND	ND	170
	4'	ND	ND	ND	ND	ND	ND	167
SW7	Surface	ND	ND	ND	2720	1460	4180	686
	1'	ND	ND	ND	80.1	ND	80.1	48.7
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	22.5

ND/0-Analyte Not Detected

## 10-9-25 ADDITIONAL DELINEATION SAMPLES

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2								
Date: 10-9-25		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
S4	5'	ND	ND	ND	ND	ND	ND	ND
S5	5'	ND	ND	ND	ND	ND	ND	ND
SW3	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW4	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND



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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2								
Date: 10-9-25		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
SW5	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW6	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW7	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

ND/O-Analyte Not Detected



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# North Thistle 15 CTB 2

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

## Legend

- Background Sample
- Horizontal Delineation Samples
- Release Area- 1,335 sqft
- Vertical Delineation Samples



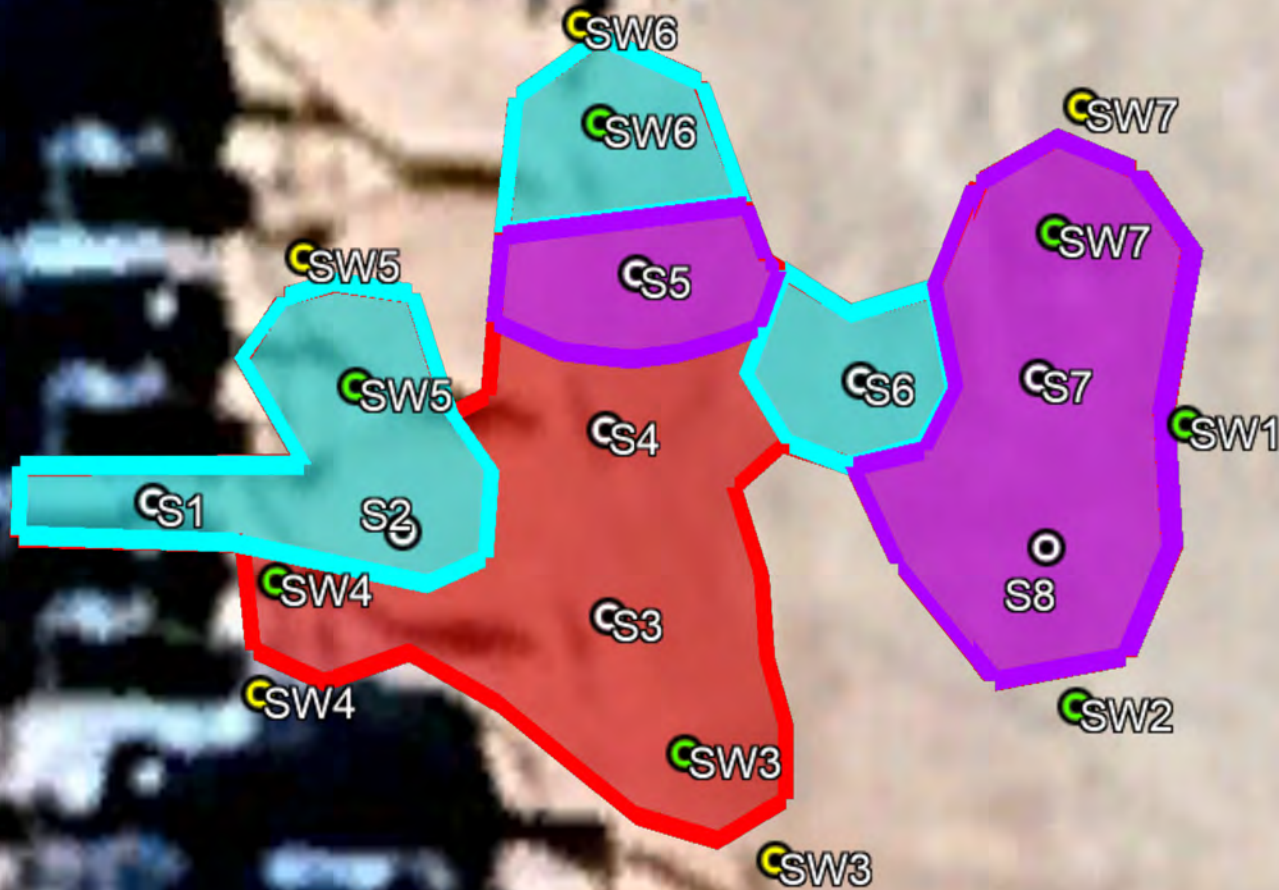


# North Thistle 15 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Proposed Excavation Map

## Legend

- 650 sqft- 1' Excavation
- 600 sqft- 2' Excavation
- Bottom Delineation Samples
- New Sidewall Delineation Samples
- Release Area
- Sidewall Delineation Samples





# APPENDIX A

OSE Water Survey  
USGS Water Survey  
WWater Related Mapss




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DEVON ENERGY PRODUCTION, LP.

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE  
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04664 POD1	SE	NW	SE	15	23S	33E	635783.7	3574818.7	

\* UTM location was derived from PLSS - see Help

Driller License:

1249

Driller Company:

ATKINS ENGINEERING ASSOC. INC.

Driller Name:

JACKIE D ATKINS

Drill Start Date:

2022-09-07

Drill Finish Date:

2022-09-07

Plug Date:

2022-09-13

Log File Date:

2022-09-26

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

55

Depth Water:

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.

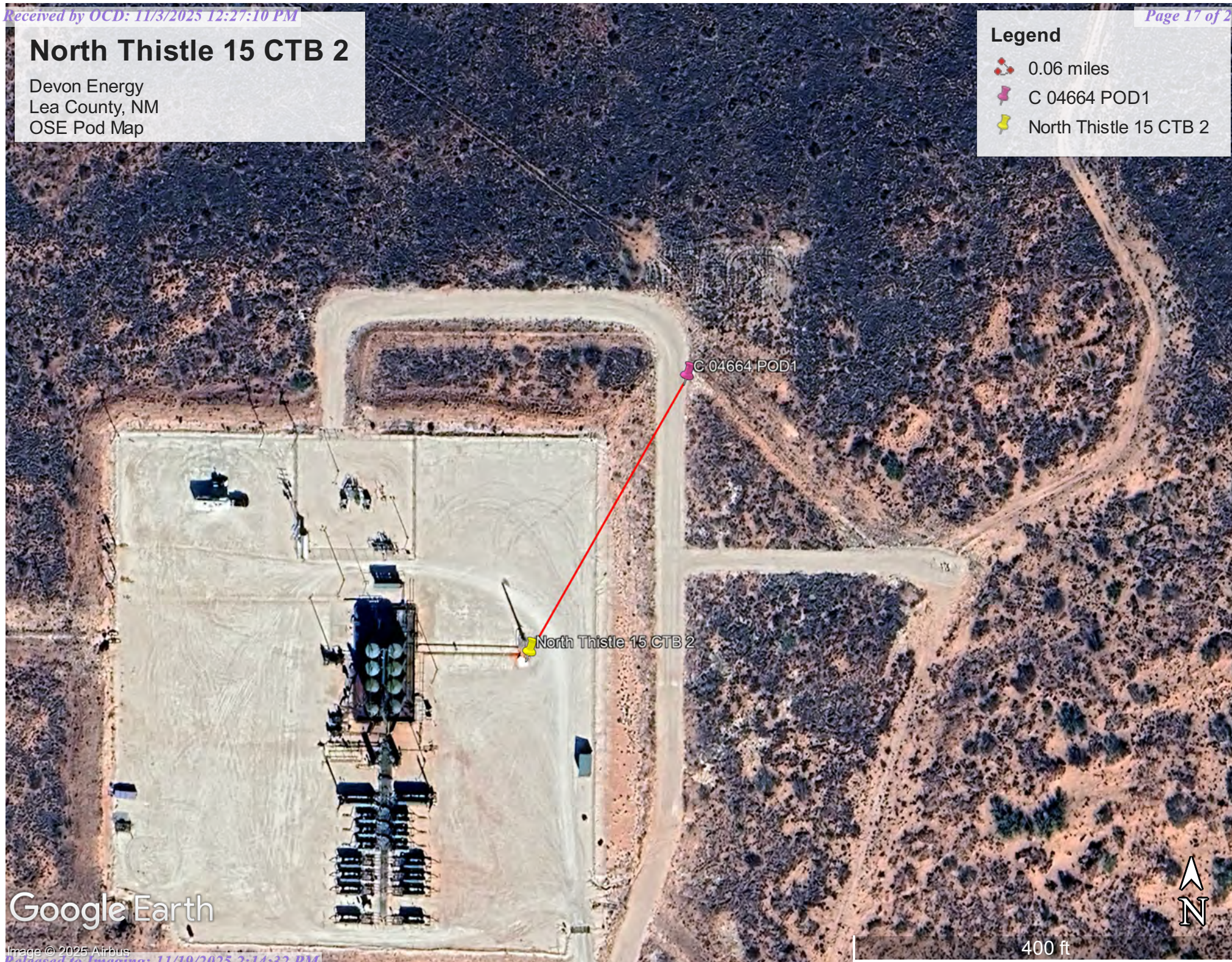


# North Thistle 15 CTB 2

Devon Energy  
Lea County, NM  
OSE Pod Map

## Legend

- 0.06 miles
- C 04664 POD1
- North Thistle 15 CTB 2



Google Earth





[USGS Home](#)  
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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.

Groundwater levels for the Nation



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

### Search Results -- 1 sites found

site\_no list =

- 321952103400801

Minimum number of levels = 1

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

### USGS 321952103400801 23S.32E.03.311114

Available data for this site

Groundwater: Field measurements ▼

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

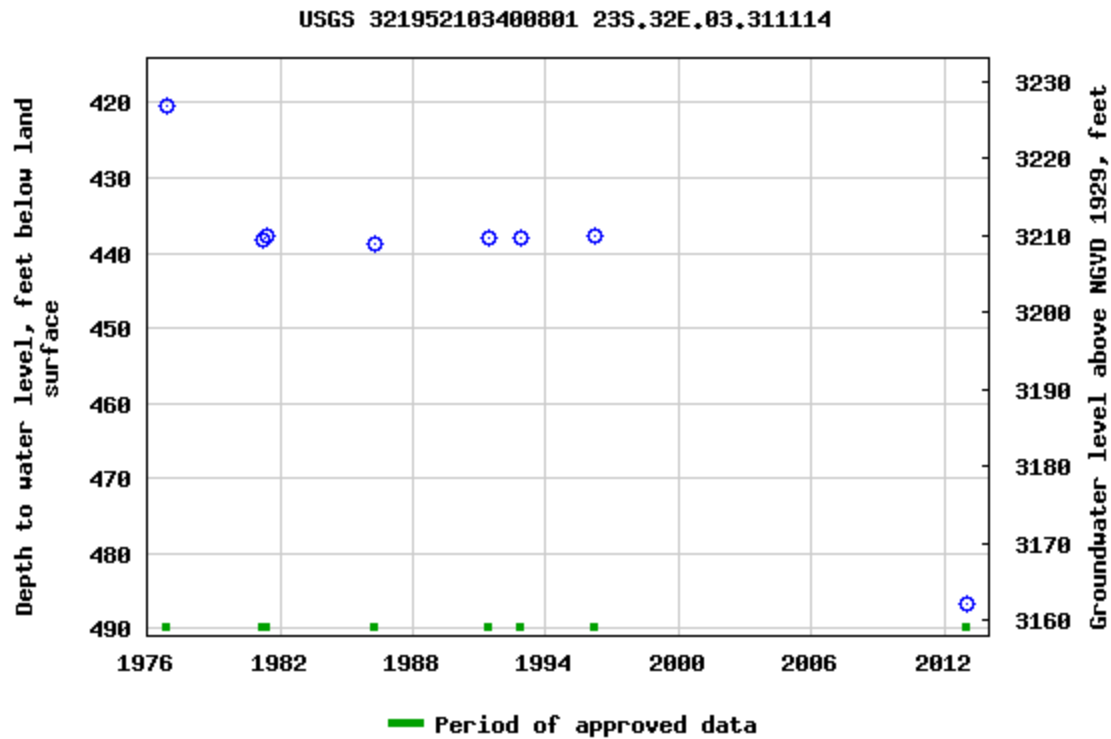
Latitude 32°19'59.2", Longitude 103°40'12.6" NAD83

Land-surface elevation 3,648.00 feet above NGVD29

The depth of the well is 630 feet below land surface.

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

This well is completed in the Santa Rosa Sandstone (231SNRS) 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: 2025-02-13 14:49:37 EST




0.64 0.46 nadww02



# North Thistle 15 CTB 2

Devon Energy  
API #: N/A  
Lea County, NM  
USGS Map

## Legend

-  6.91 Miles
-  North Thistle 15 CTB 2
-  USGS 321952103400801

USGS 321952103400801

North Thistle 15 CTB 2

Google Earth

Image © 2025 Airbus

3 mi





# North Thistle 15 CTB 2

Devon Energy  
API #: N/A  
Lea County, NM  
Surface Water Map

## Legend

- 8.67 Miles
- North Thistle 15 CTB 2
- Salt Playa

North Thistle 15 CTB 2

Salt Playa

Google Earth

Image © 2025 Airbus

5 mi

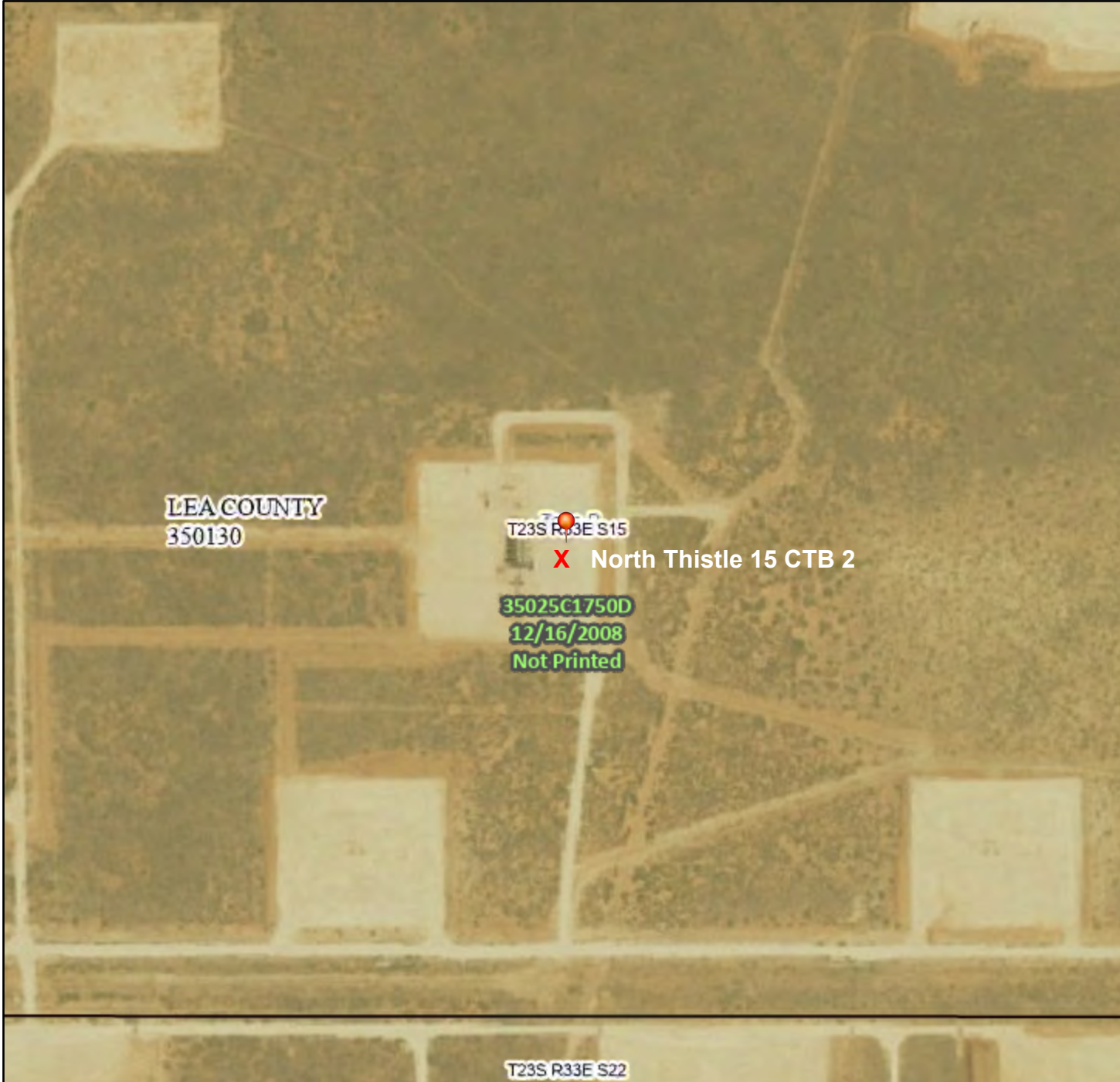




# National Flood Hazard Layer FIRMMette



103°33'49"W 32°18'19"N



## Legend

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

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



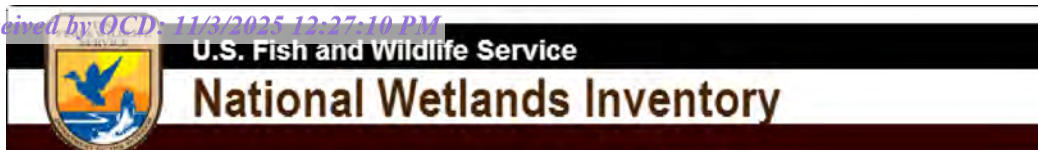
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/13/2025 at 6:08 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.





## Wetlands Map



February 13, 2025

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



# APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map



Pima Environmental Services, LLC  
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DEVON ENERGY PRODUCTION, LP.

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

---

## Lea County, New Mexico

### PU—Pyote and Maljamar fine sands

#### Map Unit Setting

*National map unit symbol:* dmqq

*Elevation:* 3,000 to 3,900 feet

*Mean annual precipitation:* 10 to 12 inches

*Mean annual air temperature:* 60 to 62 degrees F

*Frost-free period:* 190 to 205 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Pyote and similar soils:* 46 percent

*Maljamar and similar soils:* 44 percent

*Minor components:* 10 percent

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

#### Description of Pyote

##### Setting

*Landform:* Plains

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Sandy eolian deposits derived from sedimentary rock

##### Typical profile

*A - 0 to 30 inches:* fine sand

*Bt - 30 to 60 inches:* fine sandy loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Negligible

*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:* 5 percent

*Gypsum, maximum content:* 1 percent

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

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Low (about 5.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 6e

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

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*Land capability classification (nonirrigated): 7s*  
*Hydrologic Soil Group: A*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### **Description of Maljamar**

#### **Setting**

*Landform: Plains*  
*Landform position (three-dimensional): Rise*  
*Down-slope shape: Linear*  
*Across-slope shape: Linear*  
*Parent material: Sandy eolian deposits derived from sedimentary rock*

#### **Typical profile**

*A - 0 to 24 inches: fine sand*  
*Bt - 24 to 50 inches: sandy clay loam*  
*Bkm - 50 to 60 inches: cemented material*

#### **Properties and qualities**

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: 40 to 60 inches to petrocalcic*  
*Drainage class: Well drained*  
*Runoff class: Very low*  
*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: 5 percent*  
*Gypsum, maximum content: 1 percent*  
*Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 2.0*  
*Available water supply, 0 to 60 inches: Low (about 5.6 inches)*

#### **Interpretive groups**

*Land capability classification (irrigated): 6e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: B*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### **Minor Components**

#### **Kermit**

*Percent of map unit: 10 percent*  
*Ecological site: R070BC022NM - Sandhills*



Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

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*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

Soil Map—Lea County, New Mexico

103° 33' 38" W 103° 33' 25" W 32° 18' 11" N 32° 17' 56" N

3574820 3574870 3574920 3574770 3574720 3574670 3574620 3574570 3574520

635540 635590 635640 635690 635740 635790 635840

**X North Thistle 15 CTB 2**

**PU**

Soil Map may not be valid at this scale.

Map Scale: 1:2,200 if printed on A portrait (8.5" x 11") sheet.

0 30 60 120 Meters

0 100 200 400 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84



## Soil Map—Lea County, 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: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	19.8	100.0%
Totals for Area of Interest		19.8	100.0%

(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)

/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)

/ New Mexico (/geology/state/state.php?state=NM)

## Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0)

JSON (/geology/state/json/NMQep;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)

*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.*

**State** New Mexico (/geology/state/state.php?state=NM)

**Name** Eolian and piedmont deposits

**Geologic age** Holocene to middle Pleistocene

**Lithologic constituents** Major  
Unconsolidated (Eolian) Interlayered eolian sands and piedmont-slope deposits

**References** New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).

**NGMDB product** NGMDB product page for 22974  
([https://ngmdb.usgs.gov/Prodesc/proddesc\\_22974.htm](https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm))

**Counties** Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

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Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |

Contact USGS (<https://answers.usgs.gov/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiig.gov/>) |



White House (<https://www.whitehouse.gov/>) | E-gov (<https://www.whitehouse.gov/omb/management/egov/>) |




No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

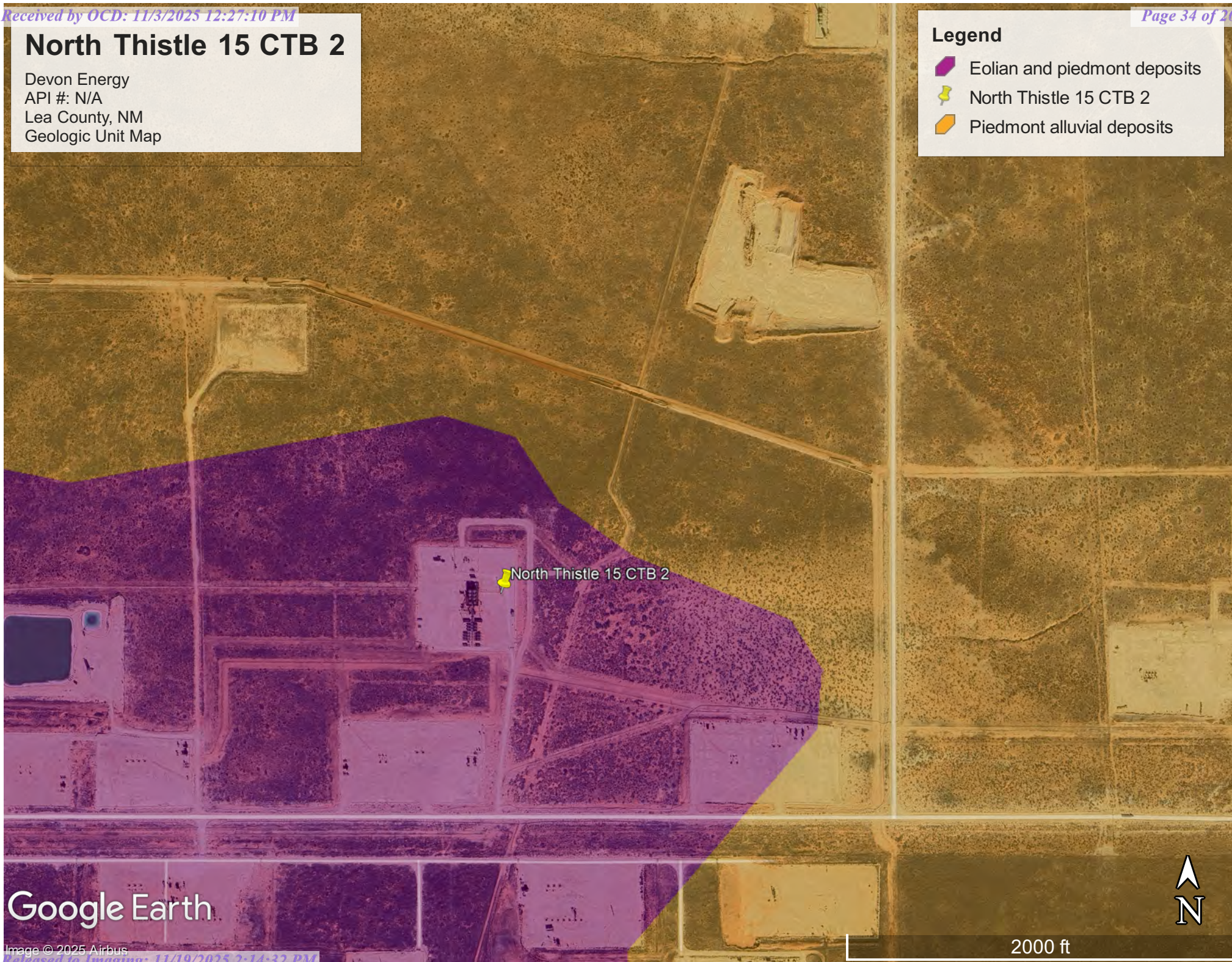


# North Thistle 15 CTB 2

Devon Energy  
API #: N/A  
Lea County, NM  
Geologic Unit Map

## Legend

-  Eolian and piedmont deposits
-  North Thistle 15 CTB 2
-  Piedmont alluvial deposits



Google Earth

Image © 2025 Airbus



2000 ft



# APPENDIX C

## PPhotographic Documentation



Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

### Assessment :



Site information sign.



Point of release.



Photograph taken during assessment facing west.



Photograph taken during assessment facing northeast.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

### Assessment :



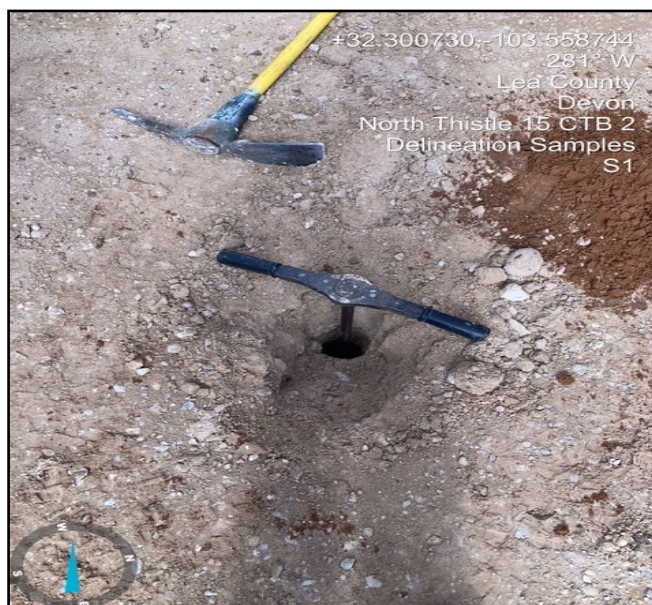
Photo of release area.



Aerial view of spill area.



Aerial view of delineation samples collected.



Delineation sample point S1.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

### Assessment :



Delineation sample point S2.



Delineation sample point S3.



Delineation sample point S4.



Delineation sample point S5.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

### Assessment :



Delineation sample point S6.



Delineation sample point S7.



Delineation sample point S8.



Delineation sample point SW1.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

### Assessment :



Delineation sample point SW2.



Delineation sample point SW3.



Delineation sample point SW4.



Delineation sample point SW5.



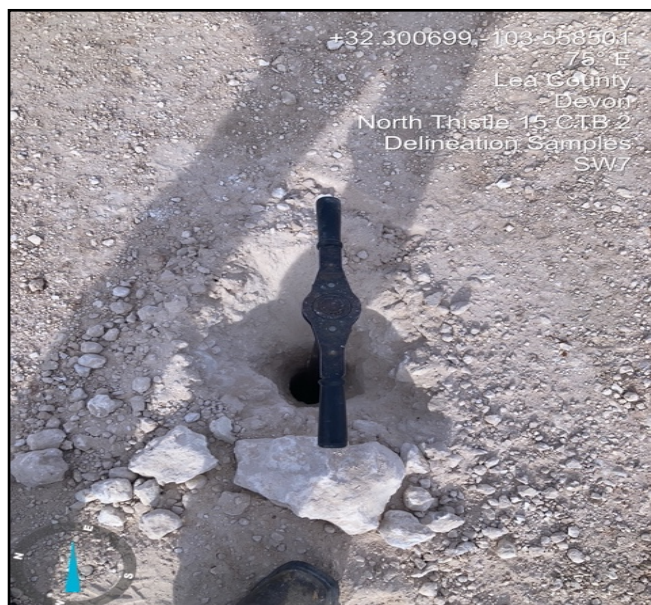
## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

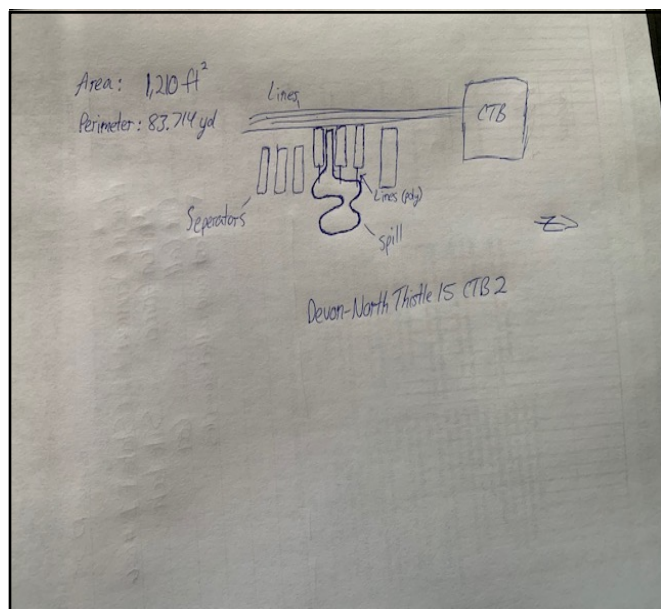
### Assessment :



Delineation sample point SW6.



Delineation sample point SW7.



Assessment field notes.



# APPENDIX D

## Laboratory Reports

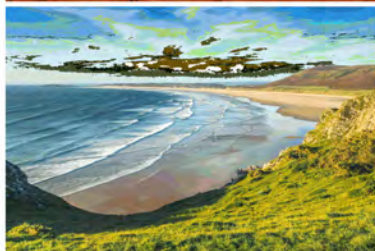


Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240  
575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

DEVON ENERGY PRODUCTION, LP.



Report to:  
Delrae Geller



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E508248

Job Number: 01058-0007

Received: 8/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
8/28/25

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: 8/28/25

Delrae Geller  
PO Box 247  
Plains, TX 79355-0247



Project Name: North Thistle 15 CTB 2  
Workorder: E508248  
Date Received: 8/22/2025 7:30:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/22/2025 7:30:00AM, under the Project Name: North Thistle 15 CTB 2.

The analytical test results summarized in this report with the Project Name: North Thistle 15 CTB 2 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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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	08/28/25 09:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1- Surface	E508248-01A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S1-1'	E508248-02A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S1-2'	E508248-03A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S1-3'	E508248-04A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S1-4'	E508248-05A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S2-Surface	E508248-06A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S2-1'	E508248-07A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S2-2'	E508248-08A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S2-3'	E508248-09A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S2-4'	E508248-10A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S3-Surface	E508248-11A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S3-1'	E508248-12A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S3-2'	E508248-13A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S3-3'	E508248-14A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S3-4'	E508248-15A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S4-Surface	E508248-16A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S4-1'	E508248-17A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S4-2'	E508248-18A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S4-3'	E508248-19A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S4-4'	E508248-20A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S5-Surface	E508248-21A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S5-1'	E508248-22A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S5-2'	E508248-23A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S5-3'	E508248-24A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S5-4'	E508248-25A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S6-Surface	E508248-26A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S6-1'	E508248-27A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S6-2'	E508248-28A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S6-3'	E508248-29A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S6-4'	E508248-30A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S7-Surface	E508248-31A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S7-1'	E508248-32A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S7-2'	E508248-33A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S7-3'	E508248-34A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S7-4'	E508248-35A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S8-Surface	E508248-36A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S8-1'	E508248-37A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S8-2'	E508248-38A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S8-3'	E508248-39A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
S8-4'	E508248-40A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.



## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	<b>Reported:</b> 08/28/25 09:28
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1-Surface	E508248-41A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW1-1'	E508248-42A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW1-2'	E508248-43A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW1-3'	E508248-44A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW1-4'	E508248-45A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW2-Surface	E508248-46A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW2-1'	E508248-47A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW2-2'	E508248-48A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW2-3'	E508248-49A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW2-4'	E508248-50A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW3-Surface	E508248-51A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW3-1'	E508248-52A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW3-2'	E508248-53A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW3-3'	E508248-54A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW3-4'	E508248-55A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW4-Surface	E508248-56A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW4-1'	E508248-57A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW4-2'	E508248-58A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW4-3'	E508248-59A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW4-4'	E508248-60A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW5-Surface	E508248-61A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW5-1'	E508248-62A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW5-2'	E508248-63A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW5-3'	E508248-64A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW5-4'	E508248-65A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW6-Surface	E508248-66A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW6-1'	E508248-67A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW6-2'	E508248-68A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW6-3'	E508248-69A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW6-4'	E508248-70A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW7-Surface	E508248-71A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW7-1'	E508248-72A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW7-2'	E508248-73A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW7-3'	E508248-74A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
SW7-4'	E508248-75A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

### S1- Surface

**E508248-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.7 %	70-130	08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	692	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	628	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	41.4	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S1-1'

E508248-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	2180	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	824	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	1820	40.0	2	08/22/25	08/22/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S1-2'

E508248-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2534120
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534112
Diesel Range Organics (C10-C28)	53.2	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	77.5	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534128
Chloride	634	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S1-3'

E508248-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	130	20.0	1	08/22/25	08/22/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S1-4'

E508248-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	97.2 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	109	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## S2-Surface

E508248-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>96.3 %</i>	<i>70-130</i>		<i>08/22/25</i>	<i>08/22/25</i>	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>93.3 %</i>	<i>70-130</i>		<i>08/22/25</i>	<i>08/22/25</i>	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	<b>1550</b>	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	<b>1450</b>	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>	<i>104 %</i>	<i>61-141</i>		<i>08/22/25</i>	<i>08/22/25</i>	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	<b>7710</b>	200	10	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S2-1'

E508248-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2534120
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534112
Diesel Range Organics (C10-C28)	5370	50.0	2	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	1940	100	2	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
		95.3 %	61-141	08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534128
Chloride	1700	40.0	2	08/22/25	08/22/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S2-2'

E508248-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2534120
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534112
Diesel Range Organics (C10-C28)	58.4	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	82.0	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	97.8 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534128
Chloride	140	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S2-3'

E508248-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.8 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.0 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>	102 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	107	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S2-4'

E508248-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	99.8	20.0	1	08/22/25	08/22/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## S3-Surface

E508248-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/22/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/22/25	
Toluene	ND	0.0250	1	08/22/25	08/22/25	
o-Xylene	ND	0.0250	1	08/22/25	08/22/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		08/22/25	08/22/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	4690	40.0	2	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S3-1'

E508248-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/23/25	
Toluene	ND	0.0250	1	08/22/25	08/23/25	
o-Xylene	ND	0.0250	1	08/22/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	1500	40.0	2	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S3-2'

E508248-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/23/25	
Toluene	ND	0.0250	1	08/22/25	08/23/25	
o-Xylene	ND	0.0250	1	08/22/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.3 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	925	20.0	1	08/22/25	08/22/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S3-3'

E508248-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/23/25	
Toluene	ND	0.0250	1	08/22/25	08/23/25	
o-Xylene	ND	0.0250	1	08/22/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	99.7 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	45.3	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S3-4'

E508248-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/23/25	
Toluene	ND	0.0250	1	08/22/25	08/23/25	
o-Xylene	ND	0.0250	1	08/22/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	96.8 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	269	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## S4-Surface

E508248-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2534120
Benzene	ND	0.0250	1	08/22/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/23/25	
Toluene	ND	0.0250	1	08/22/25	08/23/25	
o-Xylene	ND	0.0250	1	08/22/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534112
Diesel Range Organics (C10-C28)	925	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	537	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534128
Chloride	2430	40.0	2	08/22/25	08/22/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S4-1'

E508248-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/23/25	
Toluene	ND	0.0250	1	08/22/25	08/23/25	
o-Xylene	ND	0.0250	1	08/22/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	31.5	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	314	20.0	1	08/22/25	08/23/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S4-2'

E508248-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/23/25	
Toluene	ND	0.0250	1	08/22/25	08/23/25	
o-Xylene	ND	0.0250	1	08/22/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	628	20.0	1	08/22/25	08/23/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S4-3'

E508248-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/23/25	
Toluene	ND	0.0250	1	08/22/25	08/23/25	
o-Xylene	ND	0.0250	1	08/22/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	537	20.0	1	08/22/25	08/23/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S4-4'

E508248-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Benzene	ND	0.0250	1	08/22/25	08/23/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/23/25	
Toluene	ND	0.0250	1	08/22/25	08/23/25	
o-Xylene	ND	0.0250	1	08/22/25	08/23/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/23/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.1 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.2 %	70-130		08/22/25	08/23/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2534112	
Diesel Range Organics (C10-C28)	59.9	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>	108 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2534128	
Chloride	1020	20.0	1	08/22/25	08/23/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## S5-Surface

E508248-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		114 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2534113	
Diesel Range Organics (C10-C28)	2090	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	1880	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	352	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S5-1'

E508248-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	115 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2534113
Diesel Range Organics (C10-C28)	79.9	25.0	1	08/22/25	08/25/25	
Oil Range Organics (C28-C36)	79.7	50.0	1	08/22/25	08/25/25	
<i>Surrogate: n-Nonane</i>						
	91.2 %	61-141		08/22/25	08/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534129
Chloride	265	20.0	1	08/22/25	08/25/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S5-2'

E508248-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	112 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2534113
Diesel Range Organics (C10-C28)	63.7	25.0	1	08/22/25	08/25/25	
Oil Range Organics (C28-C36)	71.5	50.0	1	08/22/25	08/25/25	
<i>Surrogate: n-Nonane</i>						
	92.9 %	61-141		08/22/25	08/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534129
Chloride	195	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S5-3'

E508248-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.6 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		113 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2534113	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>		99.3 %	61-141	08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	241	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S5-4'

E508248-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534113	
Diesel Range Organics (C10-C28)	76.4	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	75.6	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	95.4 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	327	20.0	1	08/22/25	08/25/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## S6-Surface

## E508248-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	112 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534113
Diesel Range Organics (C10-C28)	122	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	74.2	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	99.9 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534129
Chloride	185	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S6-1'

E508248-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534113
Diesel Range Organics (C10-C28)	1030	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	517	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534129
Chloride	435	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S6-2'

E508248-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.7 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		114 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534113
Diesel Range Organics (C10-C28)	30.4	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	67.2	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
		98.6 %	61-141	08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534129
Chloride	95.9	20.0	1	08/22/25	08/25/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S6-3'

E508248-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534113	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	99.1 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	103	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S6-4'

E508248-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534113	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	98.7 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	93.6	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## S7-Surface

## E508248-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.4 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	108 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2534113	
Diesel Range Organics (C10-C28)	4270	50.0	2	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	2690	100	2	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>	95.3 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	1110	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S7-1'

E508248-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.9 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	107 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2534113	
Diesel Range Organics (C10-C28)	304	25.0	1	08/22/25	08/25/25	
Oil Range Organics (C28-C36)	159	50.0	1	08/22/25	08/25/25	
<i>Surrogate: n-Nonane</i>	93.6 %	61-141		08/22/25	08/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	580	20.0	1	08/22/25	08/25/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S7-2'

E508248-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.8 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	107 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2534113	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/25/25	
<i>Surrogate: n-Nonane</i>	94.7 %	61-141		08/22/25	08/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	201	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S7-3'

E508248-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534113
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	97.1 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534129
Chloride	174	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S7-4'

E508248-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534113	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	95.6 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	132	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## S8-Surface

E508248-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		110 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2534113	
Diesel Range Organics (C10-C28)	2680	50.0	2	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	1450	100	2	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>		93.4 %	61-141	08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	244	20.0	1	08/22/25	08/25/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S8-1'

E508248-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534113
Diesel Range Organics (C10-C28)	72.5	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	95.4	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534129
Chloride	104	20.0	1	08/22/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S8-2'

E508248-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534113
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	99.6 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2534129
Chloride	ND	20.0	1	08/22/25	08/26/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S8-3'

E508248-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534113	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	41.1	20.0	1	08/22/25	08/26/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

S8-4'

E508248-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534121	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534113	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
Chloride	ND	20.0	1	08/22/25	08/26/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## SW1-Surface

E508248-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	116 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	ND	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## SW1-1'

E508248-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	ND	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW1-2'

E508248-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	ND	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW1-3'

E508248-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	ND	20.0	1	08/22/25	08/22/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW1-4'

E508248-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	ND	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## SW2-Surface

E508248-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	34.2	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW2-1'

E508248-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	0.0552	0.0500	1	08/22/25	08/25/25	
Total Xylenes	0.0552	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	113	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW2-2'

E508248-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	ND	20.0	1	08/22/25	08/22/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW2-3'

E508248-49

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	ND	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW2-4'

E508248-50

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	ND	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## SW3-Surface

E508248-51

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	3360	40.0	2	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## SW3-1'

## E508248-52

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	3860	40.0	2	08/22/25	08/22/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW3-2'

E508248-53

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.2 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	1200	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW3-3'

E508248-54

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	1240	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW3-4'

E508248-55

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	34.5	20.0	1	08/22/25	08/22/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## SW4-Surface

E508248-56

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.1 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>		112 %	61-141	08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	374	20.0	1	08/22/25	08/23/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW4-1'

E508248-57

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	2430	40.0	2	08/22/25	08/23/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW4-2'

E508248-58

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	150	20.0	1	08/22/25	08/23/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW4-3'

E508248-59

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.2 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	33.0	20.0	1	08/22/25	08/23/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW4-4'

E508248-60

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2534114	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2534135	
Chloride	ND	20.0	1	08/22/25	08/23/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## SW5-Surface

E508248-61

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.0 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2534134	
Diesel Range Organics (C10-C28)	1560	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	1810	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>		97.8 %	61-141	08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2535011	
Chloride	69.5	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW5-1'

E508248-62

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534134	
Diesel Range Organics (C10-C28)	1330	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	767	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
		98.4 %	61-141	08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535011	
Chloride	392	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW5-2'

E508248-63

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534130
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534134
Diesel Range Organics (C10-C28)	388	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	192	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
		95.8 %	61-141	08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535011
Chloride	387	20.0	1	08/25/25	08/26/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW5-3'

E508248-64

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Toluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		08/22/25	08/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534134	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535011	
Chloride	182	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW5-4'

E508248-65

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534134	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535011	
Chloride	133	20.0	1	08/25/25	08/25/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## SW6-Surface

E508248-66

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534134	
Diesel Range Organics (C10-C28)	988	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	679	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535011	
Chloride	583	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## SW6-1'

## E508248-67

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534134	
Diesel Range Organics (C10-C28)	3950	25.0	1	08/22/25	08/22/25	
Oil Range Organics (C28-C36)	1660	50.0	1	08/22/25	08/22/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		08/22/25	08/22/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535011	
Chloride	1670	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW6-2'

E508248-68

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534134	
Diesel Range Organics (C10-C28)	29.0	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	96.8 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535011	
Chloride	314	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW6-3'

E508248-69

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534134	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	99.0 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535011	
Chloride	170	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW6-4'

E508248-70

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534130
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534134
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	96.0 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535011
Chloride	167	20.0	1	08/25/25	08/25/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

## SW7-Surface

E508248-71

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534130
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534134
Diesel Range Organics (C10-C28)	2720	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	1460	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	99.2 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535011
Chloride	686	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW7-1'

E508248-72

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534130
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	114 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534134
Diesel Range Organics (C10-C28)	80.1	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535011
Chloride	48.7	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW7-2'

E508248-73

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	112 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534134	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535011	
Chloride	ND	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW7-3'

E508248-74

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2534130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2534134	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2535011	
Chloride	ND	20.0	1	08/25/25	08/25/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
8/28/2025 9:28:10AM

SW7-4'

E508248-75

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534130
Benzene	ND	0.0250	1	08/22/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/26/25	
Toluene	ND	0.0250	1	08/22/25	08/26/25	
o-Xylene	ND	0.0250	1	08/22/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		08/22/25	08/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2534134
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/23/25	
<i>Surrogate: n-Nonane</i>						
	98.1 %	61-141		08/22/25	08/23/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2535011
Chloride	22.5	20.0	1	08/25/25	08/25/25	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  8/28/2025 9:28:10AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534120-BLK1) Prepared: 08/22/25 Analyzed: 08/22/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.1	70-130			

LCS (2534120-BS1) Prepared: 08/22/25 Analyzed: 08/22/25

Benzene	5.56	0.0250	5.00		111	70-130			
Ethylbenzene	5.40	0.0250	5.00		108	70-130			
Toluene	5.50	0.0250	5.00		110	70-130			
o-Xylene	5.30	0.0250	5.00		106	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.7	70-130			

Matrix Spike (2534120-MS1) Source: E508248-04 Prepared: 08/22/25 Analyzed: 08/22/25

Benzene	5.61	0.0250	5.00	ND	112	70-130			
Ethylbenzene	5.42	0.0250	5.00	ND	108	70-130			
Toluene	5.55	0.0250	5.00	ND	111	70-130			
o-Xylene	5.32	0.0250	5.00	ND	106	70-130			
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130			
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			

Matrix Spike Dup (2534120-MSD1) Source: E508248-04 Prepared: 08/22/25 Analyzed: 08/22/25

Benzene	5.65	0.0250	5.00	ND	113	70-130	0.645	27	
Ethylbenzene	5.48	0.0250	5.00	ND	110	70-130	1.18	26	
Toluene	5.59	0.0250	5.00	ND	112	70-130	0.750	20	
o-Xylene	5.37	0.0250	5.00	ND	107	70-130	1.01	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	0.887	23	
Total Xylenes	16.4	0.0250	15.0	ND	109	70-130	0.926	26	
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  8/28/2025 9:28:10AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

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 (2534121-BLK1) Prepared: 08/22/25 Analyzed: 08/24/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

LCS (2534121-BS1) Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.07	0.0250	5.00		101	70-130			
Toluene	5.11	0.0250	5.00		102	70-130			
o-Xylene	5.09	0.0250	5.00		102	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			

Matrix Spike (2534121-MS1) Source: E508248-26 Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	4.80	0.0250	5.00	ND	96.1	70-130			
Ethylbenzene	4.73	0.0250	5.00	ND	94.6	70-130			
Toluene	4.78	0.0250	5.00	ND	95.6	70-130			
o-Xylene	4.78	0.0250	5.00	ND	95.6	70-130			
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	70-130			
Total Xylenes	14.4	0.0250	15.0	ND	96.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	70-130			

Matrix Spike Dup (2534121-MSD1) Source: E508248-26 Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	5.09	0.0250	5.00	ND	102	70-130	5.77	27	
Ethylbenzene	5.05	0.0250	5.00	ND	101	70-130	6.45	26	
Toluene	5.07	0.0250	5.00	ND	101	70-130	5.89	20	
o-Xylene	5.04	0.0250	5.00	ND	101	70-130	5.28	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	6.16	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	5.87	26	
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	<b>Reported:</b>
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	8/28/2025 9:28:10AM

## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2534122-BLK1)

Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		94.9	70-130			

## LCS (2534122-BS1)

Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	4.95	0.0250	5.00		99.1	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.9	70-130			
Toluene	4.90	0.0250	5.00		98.0	70-130			
o-Xylene	4.87	0.0250	5.00		97.5	70-130			
p,m-Xylene	9.66	0.0500	10.0		96.6	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			

## Matrix Spike (2534122-MS1)

Source: E508248-46

Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	4.89	0.0250	5.00	ND	97.8	70-130			
Ethylbenzene	4.64	0.0250	5.00	ND	92.8	70-130			
Toluene	4.77	0.0250	5.00	ND	95.4	70-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	70-130			
p,m-Xylene	9.34	0.0500	10.0	ND	93.4	70-130			
Total Xylenes	14.0	0.0250	15.0	ND	93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			

## Matrix Spike Dup (2534122-MSD1)

Source: E508248-46

Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	4.96	0.0250	5.00	ND	99.3	70-130	1.48	27	
Ethylbenzene	4.77	0.0250	5.00	ND	95.5	70-130	2.88	26	
Toluene	4.88	0.0250	5.00	ND	97.5	70-130	2.19	20	
o-Xylene	4.84	0.0250	5.00	ND	96.8	70-130	2.66	25	
p,m-Xylene	9.63	0.0500	10.0	ND	96.3	70-130	3.10	23	
Total Xylenes	14.5	0.0250	15.0	ND	96.5	70-130	2.95	26	
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.2	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Delrae Geller	Reported: 8/28/2025 9:28:10AM
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## 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 (2534130-BLK1)

Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.3	70-130			

## LCS (2534130-BS1)

Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	3.99	0.0250	5.00		79.9	70-130			
Ethylbenzene	3.96	0.0250	5.00		79.1	70-130			
Toluene	4.00	0.0250	5.00		79.9	70-130			
o-Xylene	4.07	0.0250	5.00		81.4	70-130			
p,m-Xylene	8.09	0.0500	10.0		80.9	70-130			
Total Xylenes	12.2	0.0250	15.0		81.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			

## Matrix Spike (2534130-MS1)

Source: E508248-64

Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	4.62	0.0250	5.00	ND	92.5	70-130			
Ethylbenzene	4.59	0.0250	5.00	ND	91.8	70-130			
Toluene	4.62	0.0250	5.00	ND	92.5	70-130			
o-Xylene	4.61	0.0250	5.00	ND	92.2	70-130			
p,m-Xylene	9.34	0.0500	10.0	ND	93.4	70-130			
Total Xylenes	13.9	0.0250	15.0	ND	93.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.2	70-130			

## Matrix Spike Dup (2534130-MSD1)

Source: E508248-64

Prepared: 08/22/25 Analyzed: 08/25/25

Benzene	4.39	0.0250	5.00	ND	87.8	70-130	5.25	27	
Ethylbenzene	4.36	0.0250	5.00	ND	87.1	70-130	5.23	26	
Toluene	4.39	0.0250	5.00	ND	87.8	70-130	5.20	20	
o-Xylene	4.45	0.0250	5.00	ND	88.9	70-130	3.56	25	
p,m-Xylene	8.89	0.0500	10.0	ND	88.9	70-130	4.95	23	
Total Xylenes	13.3	0.0250	15.0	ND	88.9	70-130	4.49	26	
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  8/28/2025 9:28:10AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534120-BLK1) Prepared: 08/22/25 Analyzed: 08/22/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			

LCS (2534120-BS2) Prepared: 08/22/25 Analyzed: 08/22/25

Gasoline Range Organics (C6-C10)	57.7	20.0	50.0		115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

Matrix Spike (2534120-MS2) Source: E508248-04 Prepared: 08/22/25 Analyzed: 08/22/25

Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.3	70-130			

Matrix Spike Dup (2534120-MSD2) Source: E508248-04 Prepared: 08/22/25 Analyzed: 08/22/25

Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130	1.66	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			





## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	<b>Reported:</b>
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	8/28/2025 9:28:10AM

## 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 (2534121-BLK1)

Prepared: 08/22/25 Analyzed: 08/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.95		8.00		112	70-130			

## LCS (2534121-BS2)

Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			

## Matrix Spike (2534121-MS2)

Source: E508248-26

Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

## Matrix Spike Dup (2534121-MSD2)

Source: E508248-26

Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.7	70-130	12.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.67		8.00		108	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	<b>Reported:</b>
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	8/28/2025 9:28:10AM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2534122-BLK1)

Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			

## LCS (2534122-BS2)

Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.1	70-130			

## Matrix Spike (2534122-MS2)

Source: E508248-46

Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

## Matrix Spike Dup (2534122-MSD2)

Source: E508248-46

Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130	2.35	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  8/28/2025 9:28:10AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

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 (2534130-BLK1) Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		8.00		106	70-130			

LCS (2534130-BS2) Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.50		8.00		106	70-130			

Matrix Spike (2534130-MS2) Source: E508248-64 Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.63		8.00		108	70-130			

Matrix Spike Dup (2534130-MSD2) Source: E508248-64 Prepared: 08/22/25 Analyzed: 08/25/25

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	70-130	5.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.58		8.00		107	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  8/28/2025 9:28:10AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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 (2534112-BLK1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.1		50.0		96.2	61-141			

LCS (2534112-BS1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Diesel Range Organics (C10-C28)	292	25.0	250		117	66-144			
Surrogate: n-Nonane	47.8		50.0		95.6	61-141			

Matrix Spike (2534112-MS1)					Source: E508248-03		Prepared: 08/22/25 Analyzed: 08/22/25		
Diesel Range Organics (C10-C28)	326	25.0	250	53.2	109	56-156			
Surrogate: n-Nonane	49.6		50.0		99.1	61-141			

Matrix Spike Dup (2534112-MSD1)					Source: E508248-03		Prepared: 08/22/25 Analyzed: 08/22/25		
Diesel Range Organics (C10-C28)	313	25.0	250	53.2	104	56-156	4.24	20	
Surrogate: n-Nonane	47.9		50.0		95.8	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  8/28/2025 9:28:10AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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 (2534113-BLK1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.7		50.0		105	61-141			

LCS (2534113-BS1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Diesel Range Organics (C10-C28)	295	25.0	250		118	66-144			
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			

Matrix Spike (2534113-MS1)					Source: E508248-24		Prepared: 08/22/25 Analyzed: 08/22/25		
Diesel Range Organics (C10-C28)	309	25.0	250	ND	124	56-156			
Surrogate: n-Nonane	52.0		50.0		104	61-141			

Matrix Spike Dup (2534113-MSD1)					Source: E508248-24		Prepared: 08/22/25 Analyzed: 08/22/25		
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	56-156	4.71	20	
Surrogate: n-Nonane	49.3		50.0		98.7	61-141			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  8/28/2025 9:28:10AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534114-BLK1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.4		50.0		107	61-141			

LCS (2534114-BS1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Diesel Range Organics (C10-C28)	323	25.0	250		129	66-144			
Surrogate: n-Nonane	54.1		50.0		108	61-141			

Matrix Spike (2534114-MS1)					Source: E508248-45		Prepared: 08/22/25 Analyzed: 08/22/25		
Diesel Range Organics (C10-C28)	325	25.0	250	ND	130	56-156			
Surrogate: n-Nonane	54.6		50.0		109	61-141			

Matrix Spike Dup (2534114-MSD1)					Source: E508248-45		Prepared: 08/22/25 Analyzed: 08/22/25		
Diesel Range Organics (C10-C28)	314	25.0	250	ND	126	56-156	3.36	20	
Surrogate: n-Nonane	52.8		50.0		106	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	8/28/2025 9:28:10AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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 (2534134-BLK1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.5		50.0		93.0	61-141			

LCS (2534134-BS1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Diesel Range Organics (C10-C28)	306	25.0	250		122	66-144			
Surrogate: n-Nonane	49.7		50.0		99.5	61-141			

Matrix Spike (2534134-MS1)					Source: E508248-66		Prepared: 08/22/25 Analyzed: 08/22/25		
Diesel Range Organics (C10-C28)	947	25.0	250	988	NR	56-156			M3
Surrogate: n-Nonane	51.6		50.0		103	61-141			

Matrix Spike Dup (2534134-MSD1)					Source: E508248-66		Prepared: 08/22/25 Analyzed: 08/22/25		
Diesel Range Organics (C10-C28)	1150	25.0	250	988	62.9	56-156	18.9	20	
Surrogate: n-Nonane	55.3		50.0		111	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	8/28/2025 9:28:10AM

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2534128-BLK1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Chloride	ND	20.0							
LCS (2534128-BS1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2534128-MS1)					Source: E508248-08		Prepared: 08/22/25 Analyzed: 08/22/25		
Chloride	391	20.0	250	140	100	80-120			
Matrix Spike Dup (2534128-MSD1)					Source: E508248-08		Prepared: 08/22/25 Analyzed: 08/22/25		
Chloride	397	20.0	250	140	103	80-120	1.46	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  8/28/2025 9:28:10AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Anions by EPA 300.0/9056A

Analyst: TP

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 (2534129-BLK1)						Prepared: 08/22/25 Analyzed: 08/25/25			
Chloride	ND	20.0							
LCS (2534129-BS1)						Prepared: 08/22/25 Analyzed: 08/25/25			
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2534129-MS1)				Source: E508248-29		Prepared: 08/22/25 Analyzed: 08/25/25			
Chloride	322	20.0	250	103	87.6	80-120			
Matrix Spike Dup (2534129-MSD1)				Source: E508248-29		Prepared: 08/22/25 Analyzed: 08/25/25			
Chloride	335	20.0	250	103	92.7	80-120	3.88	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	8/28/2025 9:28:10AM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2534135-BLK1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Chloride	ND	20.0							
LCS (2534135-BS1)					Prepared: 08/22/25 Analyzed: 08/25/25				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2534135-MS1)					Source: E508248-53		Prepared: 08/22/25 Analyzed: 08/22/25		
Chloride	1470	20.0	250	1200	110	80-120			
Matrix Spike Dup (2534135-MSD1)					Source: E508248-53		Prepared: 08/22/25 Analyzed: 08/22/25		
Chloride	1450	20.0	250	1200	101	80-120	1.57	20	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  8/28/2025 9:28:10AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Anions by EPA 300.0/9056A

Analyst: IY

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 (2535011-BLK1)						Prepared: 08/25/25 Analyzed: 08/25/25			
Chloride	ND	20.0							
LCS (2535011-BS1)						Prepared: 08/25/25 Analyzed: 08/25/25			
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2535011-MS1)				Source: E508248-63		Prepared: 08/25/25 Analyzed: 08/26/25			
Chloride	574	20.0	250	387	75.2	80-120			M2
Matrix Spike Dup (2535011-MSD1)				Source: E508248-63		Prepared: 08/25/25 Analyzed: 08/26/25			
Chloride	565	20.0	250	387	71.4	80-120	1.67	20	M2

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:	North Thistle 15 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	08/28/25 09:28

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M3 Matrix spike recovery was outside quality control limits due to matrix interference. 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.



Client Information				Invoice Information		Lab Use Only		TAT				State								
Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: North Thisle 15 CTB 2				Address:		E508248	01058-007				X	X								
Project Manager: DelRae Geller				City, State, Zip:																
Address: 5614 North Lovington Hwy				Phone:																
City, State, Zip: Hobbs, NM 88240				Email:																
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3																
Email: Delrae@pimaoil.com																				
Sample Information							Analysis and Method						EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
8:00	8/21/25	S		S1 - Surface		1								X			3.0			
8:05		S		S1 - 1'		2								X			2.6			
8:07		S		S1 - 2'		3								X			2.4			
8:12		S		S1 - 3'		4								X			3.2			
8:15		S		S1 - 4'		5								X			3.6			
8:17		S		S2 - Surface		6								X			3.0			
8:21		S		S2 - 1'		7								X			3.1			
8:25		S		S2 - 2'		8								X			2.8			
8:27		S		S2 - 3'		9								X			2.6			
8:31		S		S2 - 4'		10								X			2.0			
Additional Instructions: Billing : 21610512																				
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>Mark</u>																				
Relinquished by: (Signature)		Date		Time		Relinquished by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.  Lab Use Only Received on ice: (Y) N								
<u>Mal</u>		8/21/25		1:00		<u>Michelle Gonzales</u>		8-21-25		1300										
<u>Michelle Gonzales</u>		8-21-25		1400		<u>Marissa Gonzales</u>		8-21-26		1400										
<u>Marissa Gonzales</u>		8-21-25		1826		<u>Don</u>		8-21-25		1826										
<u>Don</u>		8-21-25		2250		<u>Keith Man</u>		8-22-25		730										
Relinquished by: (Signature)		Date		Time		Relinquished by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: North Thisle 15 CTB 2				Address:		E 508248	01058007				X	x								
Project Manager: DelRae Geller				City, State, Zip:																
Address: 5614 North Lovington Hwy				Phone:																
City, State, Zip: Hobbs, NM 88240				Email:																
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3																
Email: Delrae@pimaoil.com																				
Sample Information							Analysis and Method					EPA Program								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
8:35	8/20/25	S		53- Surface		11								X			2.0			
8:37		S		53 - 1'		12								X			2.0			
8:42		S		53 - 2'		13								X			3.2			
8:45		S		53 - 3'		14								X			1.6			
8:48		S		53 - 4'		15								X			2.4			
8:53		S		54- Surface		16								X			1.8			
9:07		S		54 - 1'		17								X			2.0			
9:12		S		54 - 2'		18								X			2.1			
9:19		S		54 - 3'		19								X			2.6			
9:26		S		54 - 4'		20								X			2.4			
Additional Instructions: Billing : 21610512																				
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:																				
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 on ice at a temp above 0 but less than 6°C on subsequent days.  Lab Use Only Received on ice: 								
		8/21/25		1:00		Michelle Gonzalez		8-21-25		1300										
		8-21-25		1400		Marissa Gonzalez		8-21-25		1400										
		8-21-25		1826				8-21-25		1826										
		8-21-25		2250		Caitlin Mon		8-21-25		730										
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.																				

Client Information				Invoice Information		Lab Use Only		TAT		State							
Client: Pima Environmental Services, LLC				Company: <u>Devon</u>		Lab WO# <u>E508248</u>		Job Number <u>010580007</u>		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: <u>North Thisle 15 CTB 2</u>				Address:										x			
Project Manager: <u>DelRae Geller</u>				City, State, Zip:													
Address: <u>5614 North Lovington Hwy</u>				Phone:													
City, State, Zip: <u>Hobbs, NM 88240</u>				Email:													
Phone: <u>(806) 724-5391</u>				Miscellaneous: <u>PROJECT# 1-170-3</u>													
Email: <u>Delrae@pimaoil.com</u>																	

Sample Information							Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCO 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
9:25	8/21/25	S		55 - Surface		21								X				
9:37		S		55 - 1'		22								X				
9:37		S		55 - 2'		23								X				
9:42		S		55 - 3'		24								X				
9:45		S		55 - 4'		25								X				
9:49		S		56 - Surface		26								X				
9:54		S		56 - 1'		27								X				
9:59		S		56 - 2'		28								X				
10:05		S		56 - 3'		29								X				
10:09		S		56 - 4'		30								X				

Additional Instructions: <u>Billing : 21610512</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>Michelle</u>									
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 on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N			
<u>Michelle</u>	8/21/25	1:00	<u>Michelle Gonzales</u>	8-21-25	1300				
<u>Michelle Gonzales</u>	8-21-25	1400	<u>Marissa Gonzales</u>	8-21-25	1400				
<u>Marissa Gonzales</u>	8-21-25	1826	<u>Marissa</u>	8-21-25	1826				
<u>Marissa</u>	8-21-25	2250	<u>Cathy Mar</u>	8-22-25	730				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time				

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: North Thisle 15 CTB 2				Address:		E508248	01058-0007					X							
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 North Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3															
Email: Delrae@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
10:11	8/20/25	S		57- Surface		31								X					
10:17		S		57- 1"		32								X					
10:19		S		57- 2"		33								X					
11:25		S		57- 3"		34								X					
11:28		S		57- 4"		35								X					
11:33		S		58- Surface		36								X					
11:37		S		58- 1"		37								X					
11:42		S		58- 2"		38								X					
11:48		S		58- 3"		39								X					
11:51		S		58- 4"		40								X					
Additional Instructions: Billing : 21610512																			
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>Michelle</u>																			
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 on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N											
<u>Michelle Gonzalez</u>		8/21/25	1:00	<u>Michelle Gonzalez</u>		8-21-25	1300												
<u>Michelle Gonzalez</u>		8-21-25	1400	<u>Marissa Gonzalez</u>		8-21-25	1400												
<u>Marissa Gonzalez</u>		8-21-25	1826	<u>Michelle</u>		8-21-25	1826												
<u>Michelle</u>		8-21-25	2250	<u>Cathy Marx</u>		8-22-25	730												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: North Thisle 15 CTB 2				Address:		E501248	01058-0007				X	x								
Project Manager: DelRae Geller				City, State, Zip:																
Address: 5614 North Lovington Hwy				Phone:																
City, State, Zip: Hobbs, NM 88240				Email:																
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3																
Email: Delrae@pimaoil.com																				
Sample Information							Analysis and Method					EPA Program								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
10:57	8/20/25	S		SW1 - Surface		41								X			2.4			
11:03		S		SW1 - 1"		42								X			2.6			
11:04		S		SW1 - 2"		43								X			2.9			
11:13		S		SW1 - 3"		44								X			3.0			
11:18		S		SW1 - 4"		45								X			3.4			
11:24		S		SW2 - Surface		46								X			2.1			
11:29		S		SW2 - 1"		47								X			2.6			
11:34		S		SW2 - 2"		48								X			4.0			
11:37		S		SW2 - 3"		49								X			4.0			
11:42		S		SW2 - 4"		50								X			3.2			
Additional Instructions: Billing : 21610512																				
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: <i>Michelle</i>																				
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 on ice at a temp above 0 but less than 6°C on subsequent days.  Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N								
<i>Michelle</i>		8/21/25		1:00		<i>Michelle Gonzalez</i>		8-21-25		1300										
<i>Michelle Gonzalez</i>		8-21-25		1400		<i>Marissa Gonzalez</i>		8-21-25		1400										
<i>Marissa Gonzalez</i>		8-21-25		1826		<i>Marissa</i>		8-21-25		1826										
<i>Marissa</i>		8-21-25		2250		<i>Carth Mar</i>		8-21-25		1930										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: North Thisle 15 CTB 2				Address:		E 508248	01051-0007				X	x							
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 North Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3															
Email: Delrae@pimaoil.com																			
Sample Information							Analysis and Method						EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
11:48	8/21/25	S		SW3 - Surface		51								X		2.0			
11:53		S		SW3 - 1'		52								X		1.8			
11:59		S		SW3 - 2'		53								X		2.6			
12:05		S		SW3 - 3'		54								X		24			
12:06		S		SW3 - 4'		55								X		30			
12:13		S		SW4 - Surface		56								X		3.6			
12:17		S		SW4 - 1'		57								X		24			
12:24		S		SW4 - 2'		58								X		2.8			
12:29		S		SW4 - 3'		59								X		3.2			
12:33		S		SW4 - 4'		60								X		3.0			
Additional Instructions: Billing : 21610512																			
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>Mick</u>																			
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 on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Client Information				Invoice Information		Lab Use Only		TAT		State											
Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX						
Project Name: North Thisle 15 CTB 2				Address:		E	01058-0007				X	x									
Project Manager: DelRae Geller				City, State, Zip:																	
Address: 5614 North Lovington Hwy				Phone:																	
City, State, Zip: Hobbs, NM 88240				Email:																	
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3																	
Email: Delrae@pimaoil.com																					
Sample Information												EPA Program									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
																	Compliance	Y	or	N	
																	PWSID #				
																	Sample Temp			Remarks	
12:38	8/10/25	S		SW5 - Surface		601								X			3.6				
12:44		S		SW5 - 1'		602								X			4.0				
12:48		S		SW5 - 2'		603								X			4.0				
12:52		S		SW5 - 3'		604								X			3.0				
12:55		S		SW5 - 4'		605								X			2.4				
12:59		S		SW6 - Surface		606								X			2.0				
1:05		S		SW6 - 1'		607								X			2.8				
1:04		S		SW6 - 2'		608								X			3.1				
1:12		S		SW6 - 3'		609								X			3.2				
1:15		S		SW6 - 4'		70								X			3.4				
Additional Instructions: Billing : 21610512																					
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: <i>Markon</i>																					
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 on ice at a temp above 0 but less than 6°C on subsequent days.  Lab Use Only Received on ice: (X) N													
<i>Michelle Gonzales</i>		8/21/25	1:00	<i>Michelle Gonzales</i>		8-21-25	1300														
<i>Michelle Gonzales</i>		8-21-25	1400	<i>Michelle Gonzales</i>		8-21-25	1400														
<i>Michelle Gonzales</i>		8-21-25	1826	<i>Michelle Gonzales</i>		8-21-25	1826														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
<i>Michelle Gonzales</i>		8-21-25	2250	<i>Michelle Gonzales</i>		8-22-25	730														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: North Thisle 15 CTB 2				Address:		E 508248	01058-0007				X	X							
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 North Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3															
Email: Delrae@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1:15	8/20/25	S		SW 7 - Surface		71								X					
1:23		S		SW 7 - 1'		72								X					
1:27		S		SW 7 - 2'		73								X					
1:33		S		SW 7 - 3'		74								X					
1:39		S		SW 7 - 4'		75								X					
		S												X					
		S												X					
		S												X					
		S												X					
		S												X					
		S												X					
		S												X					
Additional Instructions: Billing : 21610512																			
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>Maker</u>																			
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 on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y)N											
<u>Michelle Gonzales</u>		8/21/25	1:00	<u>Michelle Gonzales</u>		8-21-25	1300												
<u>Michelle Gonzales</u>		8-21-25	1400	<u>Marissa Gonzales</u>		8-21-25	1400												
<u>Marissa Gonzales</u>		8-21-25	1826	<u>Marissa Gonzales</u>		8-21-25	1826												
<u>Marissa Gonzales</u>		8-21-25	2250	<u>Caitlin Mann</u>		8-22-25	730												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



## Envirotech Analytical Laboratory

Printed: 8/27/2025 4:24:54PM

## 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:	08/22/25 07:30	Work Order ID:	E508248
Phone:	(575) 631-6977	Date Logged In:	08/21/25 17:15	Logged In By:	Caitlin Mars
Email:		Due Date:	08/28/25 07:00 (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? 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: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

No of containers not provided on COC.

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

Date



envirotech Inc.

Report to:  
Delrae Geller



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E510124

Job Number: 01058-0007

Received: 10/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/17/25

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: 10/17/25

Delrae Geller  
PO Box 247  
Plains, TX 79355-0247



Project Name: North Thistle 15 CTB 2  
Workorder: E510124  
Date Received: 10/13/2025 7:00:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2025 7:00:00AM, under the Project Name: North Thistle 15 CTB 2.

The analytical test results summarized in this report with the Project Name: North Thistle 15 CTB 2 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	<b>Reported:</b> 10/17/25 09:45
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S4-5'	E510124-01A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
S5-5'	E510124-02A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW3-Sur	E510124-03A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW3-1'	E510124-04A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW3-2'	E510124-05A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW3-3'	E510124-06A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW3-4'	E510124-07A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW4-Sur	E510124-08A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW4-1'	E510124-09A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW4-2'	E510124-10A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW4-3'	E510124-11A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW4-4'	E510124-12A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW5-Sur	E510124-13A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW5-1'	E510124-14A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW5-2'	E510124-15A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW5-3'	E510124-16A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW5-4'	E510124-17A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW6-Sur	E510124-18A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW6-1'	E510124-19A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW6-2'	E510124-20A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW6-3'	E510124-21A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW6-4'	E510124-22A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW7-Sur	E510124-23A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW7-1'	E510124-24A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW7-2'	E510124-25A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW7-3'	E510124-26A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.
SW7-4'	E510124-27A	Soil	10/09/25	10/13/25	Glass Jar, 4 oz.



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

**S4-5'**

**E510124-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542019
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.8 %	70-130	10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.3 %	70-130	10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
		95.5 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

S5-5'

E510124-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	92.3 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

## SW3-Sur

## E510124-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.9 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.8 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	91.5 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

## SW3-1'

## E510124-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.7 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	92.8 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW3-2'

E510124-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.2 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	92.6 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW3-3'

E510124-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	93.2 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW3-4'

E510124-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	92.2 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

## SW4-Sur

## E510124-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	92.7 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

## SW4-1'

## E510124-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	92.9 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW4-2'

E510124-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.7 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	92.0 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW4-3'

E510124-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	92.8 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW4-4'

E510124-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.6 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	92.5 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

## SW5-Sur

## E510124-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542019
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	96.6 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

## SW5-1'

## E510124-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	94.7 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW5-2'

E510124-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.2 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.2 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	93.2 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW5-3'

E510124-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	93.4 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW5-4'

E510124-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.2 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	95.9 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

## SW6-Sur

## E510124-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542019
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.9 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2542007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
<i>Surrogate: n-Nonane</i>						
	99.0 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

## SW6-1'

## E510124-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/15/25	
<i>Surrogate: n-Nonane</i>						
	99.4 %	61-141		10/13/25	10/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW6-2'

E510124-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Benzene	ND	0.0250	1	10/13/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/15/25	
Toluene	ND	0.0250	1	10/13/25	10/15/25	
o-Xylene	ND	0.0250	1	10/13/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.5 %	70-130		10/13/25	10/15/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KH		Batch: 2542007	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/15/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		10/13/25	10/15/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW6-3'

E510124-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene	99.2 %	70-130		10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4	89.5 %	70-130		10/13/25	10/14/25	
Surrogate: Toluene-d8	97.2 %	70-130		10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene	99.2 %	70-130		10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4	89.5 %	70-130		10/13/25	10/14/25	
Surrogate: Toluene-d8	97.2 %	70-130		10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
Surrogate: n-Nonane	97.9 %	61-141		10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW6-4'

E510124-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		96.5 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		96.5 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
Surrogate: n-Nonane		91.1 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	ND	20.0	1	10/14/25	10/14/25	





## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

## SW7-Sur

## E510124-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		88.0 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		96.0 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		88.0 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		96.0 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
Surrogate: n-Nonane		88.3 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

## SW7-1'

## E510124-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		102 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		89.9 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		96.2 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		102 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		89.9 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		96.2 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
Surrogate: n-Nonane		90.3 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW7-2'

E510124-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		97.0 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		97.0 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
Surrogate: n-Nonane		93.7 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW7-3'

E510124-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		101 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		86.8 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		96.1 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		101 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		86.8 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		96.1 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
Surrogate: n-Nonane		92.2 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	ND	20.0	1	10/14/25	10/14/25	



## Sample Data

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

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Delrae Geller

**Reported:**  
10/17/2025 9:45:25AM

SW7-4'

E510124-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Benzene	ND	0.0250	1	10/13/25	10/14/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/14/25	
Toluene	ND	0.0250	1	10/13/25	10/14/25	
o-Xylene	ND	0.0250	1	10/13/25	10/14/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/14/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		100 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		83.5 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		97.0 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/14/25	
Surrogate: Bromofluorobenzene		100 %	70-130	10/13/25	10/14/25	
Surrogate: 1,2-Dichloroethane-d4		83.5 %	70-130	10/13/25	10/14/25	
Surrogate: Toluene-d8		97.0 %	70-130	10/13/25	10/14/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/13/25	10/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/14/25	
Surrogate: n-Nonane		89.2 %	61-141	10/13/25	10/14/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542042
Chloride	ND	20.0	1	10/14/25	10/14/25	



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/17/2025 9:45:25AM

## Volatile Organic Compounds by EPA 8260B

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 (2542021-BLK1)

Prepared: 10/13/25 Analyzed: 10/14/25

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: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.1	70-130			

## LCS (2542021-BS1)

Prepared: 10/13/25 Analyzed: 10/14/25

Benzene	2.40	0.0250	2.50		96.2	70-130			
Ethylbenzene	2.56	0.0250	2.50		102	70-130			
Toluene	2.43	0.0250	2.50		97.3	70-130			
o-Xylene	2.61	0.0250	2.50		104	70-130			
p,m-Xylene	5.35	0.0500	5.00		107	70-130			
Total Xylenes	7.96	0.0250	7.50		106	70-130			
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.455		0.500		90.9	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			

## Matrix Spike (2542021-MS1)

Source: E510124-24

Prepared: 10/13/25 Analyzed: 10/14/25

Benzene	2.42	0.0250	2.50	ND	96.9	48-131			
Ethylbenzene	2.58	0.0250	2.50	ND	103	45-135			
Toluene	2.49	0.0250	2.50	ND	99.5	48-130			
o-Xylene	2.60	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.40	0.0500	5.00	ND	108	43-135			
Total Xylenes	8.00	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.449		0.500		89.8	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			

## Matrix Spike Dup (2542021-MSD1)

Source: E510124-24

Prepared: 10/13/25 Analyzed: 10/14/25

Benzene	2.45	0.0250	2.50	ND	97.9	48-131	1.09	23	
Ethylbenzene	2.61	0.0250	2.50	ND	105	45-135	1.48	27	
Toluene	2.51	0.0250	2.50	ND	101	48-130	1.02	24	
o-Xylene	2.71	0.0250	2.50	ND	108	43-135	4.39	27	
p,m-Xylene	5.63	0.0500	5.00	ND	113	43-135	4.22	27	
Total Xylenes	8.34	0.0250	7.50	ND	111	43-135	4.28	27	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.431		0.500		86.2	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			





## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	<b>Reported:</b>
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/17/2025 9:45:25AM

## Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2542019-BLK1)

Prepared: 10/13/25 Analyzed: 10/15/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.7	70-130			

## LCS (2542019-BS1)

Prepared: 10/13/25 Analyzed: 10/15/25

Benzene	4.59	0.0250	5.00		91.7	70-130			
Ethylbenzene	4.88	0.0250	5.00		97.5	70-130			
Toluene	4.83	0.0250	5.00		96.5	70-130			
o-Xylene	4.95	0.0250	5.00		99.1	70-130			
p,m-Xylene	9.85	0.0500	10.0		98.5	70-130			
Total Xylenes	14.8	0.0250	15.0		98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

## Matrix Spike (2542019-MS1)

Source: E510124-07

Prepared: 10/13/25 Analyzed: 10/15/25

Benzene	4.77	0.0250	5.00	ND	95.5	70-130			
Ethylbenzene	5.08	0.0250	5.00	ND	102	70-130			
Toluene	5.03	0.0250	5.00	ND	101	70-130			
o-Xylene	5.17	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			

## Matrix Spike Dup (2542019-MSD1)

Source: E510124-07

Prepared: 10/13/25 Analyzed: 10/15/25

Benzene	4.62	0.0250	5.00	ND	92.4	70-130	3.26	27	
Ethylbenzene	4.92	0.0250	5.00	ND	98.4	70-130	3.12	26	
Toluene	4.87	0.0250	5.00	ND	97.5	70-130	3.20	20	
o-Xylene	5.03	0.0250	5.00	ND	101	70-130	2.78	25	
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	70-130	3.29	23	
Total Xylenes	15.0	0.0250	15.0	ND	99.8	70-130	3.12	26	
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  10/17/2025 9:45:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542019-BLK1) Prepared: 10/13/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.9	70-130			

LCS (2542019-BS2) Prepared: 10/13/25 Analyzed: 10/14/25

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.00		8.00		87.5	70-130			

Matrix Spike (2542019-MS2) Source: E510124-07 Prepared: 10/13/25 Analyzed: 10/14/25

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike Dup (2542019-MSD2) Source: E510124-07 Prepared: 10/13/25 Analyzed: 10/14/25

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.4	70-130	6.65	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	<b>Reported:</b> 10/17/2025 9:45:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

## 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 (2542021-BLK1)

Prepared: 10/13/25 Analyzed: 10/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.1	70-130			

## LCS (2542021-BS2)

Prepared: 10/13/25 Analyzed: 10/14/25

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.426		0.500		85.1	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

## Matrix Spike (2542021-MS2)

Source: E510124-24

Prepared: 10/13/25 Analyzed: 10/14/25

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.432		0.500		86.4	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

## Matrix Spike Dup (2542021-MSD2)

Source: E510124-24

Prepared: 10/13/25 Analyzed: 10/14/25

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130	1.26	20	
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.442		0.500		88.3	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  10/17/2025 9:45:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542007-BLK1)					Prepared: 10/13/25 Analyzed: 10/14/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			

LCS (2542007-BS1)					Prepared: 10/13/25 Analyzed: 10/14/25				
Diesel Range Organics (C10-C28)	235	25.0	250		94.2	66-144			
Surrogate: n-Nonane	46.9		50.0		93.8	61-141			

Matrix Spike (2542007-MS1)					Source: E510124-17		Prepared: 10/13/25 Analyzed: 10/14/25		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	51.0		50.0		102	61-141			

Matrix Spike Dup (2542007-MSD1)					Source: E510124-17		Prepared: 10/13/25 Analyzed: 10/14/25		
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	56-156	2.27	20	
Surrogate: n-Nonane	50.4		50.0		101	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  10/17/2025 9:45:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

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 (2542008-BLK1)					Prepared: 10/13/25 Analyzed: 10/14/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.3		50.0		96.7	61-141			

LCS (2542008-BS1)					Prepared: 10/13/25 Analyzed: 10/14/25				
Diesel Range Organics (C10-C28)	253	25.0	250		101	66-144			
Surrogate: n-Nonane	47.6		50.0		95.1	61-141			

Matrix Spike (2542008-MS1)					Source: E510124-23		Prepared: 10/13/25 Analyzed: 10/14/25		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	48.2		50.0		96.4	61-141			

Matrix Spike Dup (2542008-MSD1)					Source: E510124-23		Prepared: 10/13/25 Analyzed: 10/14/25		
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	56-156	0.340	20	
Surrogate: n-Nonane	48.3		50.0		96.5	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:  10/17/2025 9:45:25AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

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 (2542042-BLK1)					Prepared: 10/14/25 Analyzed: 10/14/25				
Chloride	ND	20.0							
LCS (2542042-BS1)					Prepared: 10/14/25 Analyzed: 10/14/25				
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2542042-MS1)					Source: E510121-05		Prepared: 10/14/25 Analyzed: 10/14/25		
Chloride	5450	40.0	250	5190	102	80-120			
Matrix Spike Dup (2542042-MSD1)					Source: E510121-05		Prepared: 10/14/25 Analyzed: 10/14/25		
Chloride	5720	40.0	250	5190	210	80-120	4.85	20	M4





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/17/2025 9:45:25AM

Anions by EPA 300.0/9056A

Analyst: TP

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 (2542043-BLK1)					Prepared: 10/14/25 Analyzed: 10/14/25				
Chloride	ND	20.0							
LCS (2542043-BS1)					Prepared: 10/14/25 Analyzed: 10/14/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2542043-MS1)					Source: E510124-04		Prepared: 10/14/25 Analyzed: 10/14/25		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2542043-MSD1)					Source: E510124-04		Prepared: 10/14/25 Analyzed: 10/14/25		
Chloride	256	20.0	250	ND	102	80-120	0.143	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:	North Thistle 15 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/17/25 09:45

- 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.



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: <u>Devon Energy</u>		Lab WO# <u>E 510 124</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Std						
Project Name: <u>North Trust 15 CTB 2</u>				Address:															
Project Manager: <u>Debra Geller</u>				City, State, Zip:															
Address: <u>5614 North Lovington Hwy</u>				Phone:															
City, State, Zip: <u>Hobbs, NM 88240</u>				Email:															
Phone: <u>(806) 724-5391</u>				Miscellaneous: <u>1-170-3</u>															
Email: <u>delme@pimail.com</u>																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1006 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
8:30AM	10-09-25	S		S4-5'		1													
8:45AM				S5-5'		2													
8:40AM				SW3 - Sur		3													
8:55AM				SW3 - 1'		4													
9:01AM				SW3 - 2'		5													
9:10AM				SW3 - 3'		6													
9:16AM				SW3 - 4'		7													
9:18AM				SW4 - Sur		8													
9:24AM				SW4 - 1'		9													
9:29AM				SW4 - 2'		10													
Additional Instructions: <u>21610512</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>Andrew Franco</u>																			
Relinquished by: (Signature) <u>[Signature]</u>		Date <u>10-09-25</u>		Time <u>4:00 PM</u>		Received by: (Signature) <u>Michelle Gonzales</u>		Date <u>10-10-25</u>		Time <u>1230</u>		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>(Y) N</u>							
Relinquished by: (Signature) <u>Michelle Gonzales</u>		Date <u>10-10-25</u>		Time <u>1430</u>		Received by: (Signature) <u>Martina Gonzalez</u>		Date <u>10-10-25</u>		Time <u>1430</u>									
Relinquished by: (Signature) <u>Martina Gonzalez</u>		Date <u>10-10-25</u>		Time <u>2400</u>		Received by: (Signature) <u>Noe</u>		Date <u>10-13-25</u>		Time <u>0706</u>									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: <u>Quintec</u>		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: <u>North Tlaiste 15 CIB 2</u>				Address:		E 510 124	01058-0007					X							
Project Manager: <u>Delkoe Geller</u>				City, State, Zip:															
Address: 5614 North Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: <u>(800) 724-5351</u>				Miscellaneous: <u>1-170-3</u>															
Email: <u>delkoe@pimaoil.com</u>																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
9:34AM	10-09-25	S		SW4-3'		11													
9:38AM				SW4-4'		12													
9:41AM				SW5-Sur		13													
9:44AM				SW5-1'		14													
9:53AM				SW5-2'		15													
9:57AM				SW5-3'		16													
10:02AM				SW5-4'		17													
10:08AM				SW6-Sur		18													
10:12AM				SW6-1'		19													
10:16AM				SW6-2'		20													
Additional Instructions: <u>21610512</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>Andrew Franco</u>																			
Relinquished by: (Signature) <u>Andrew Franco</u>		Date	Time	Received by: (Signature) <u>Michelle Gonzales</u>		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>Y</u> N											
Relinquished by: (Signature) <u>Michelle Gonzales</u>		Date	Time	Received by: (Signature) <u>Michelle Gonzales</u>		Date	Time												
Relinquished by: (Signature) <u>Michelle Gonzales</u>		Date	Time	Received by: (Signature) <u>Nae Sato</u>		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

<b>Client Information</b>				<b>Invoice Information</b>				<b>Lab Use Only</b>				<b>TAT</b>				<b>State</b>			
Client: Pima Environmental Services, LLC				Company: <u>Dawn Energy</u>				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: <u>North Apache 15 CCB 2</u>				Address:				E <u>510124</u>		<u>01058-0007</u>					X	X			
Project Manager: <u>Delme Geller</u>				City, State, Zip:															
Address: <u>5614 North Lovington Hwy</u>				Phone:															
City, State, Zip: <u>Hobbs, NM 88240</u>				Email:															
Phone: <u>(806) 724-5391</u>				Miscellaneous: <u>1-170-3</u>															
Email: <u>dclme@pinnacleoil.com</u>																			
Sample Information							Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	PCRA 8 Metals	BDOC - NM	BDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
10:21AM	10-04-25	S		SW6-3'		21										4.7			
10:25AM				SW6-4'		22										4.2			
10:32AM				SW7-Sur		23										4.5			
10:40AM				SW7-1'		24										4.6			
10:44AM				SW7-2'		25										4.3			
10:48AM				SW7-3'		26										4.5			
10:52AM				SW7-4'		27										4.8			
Additional Instructions: <u>21610512</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>Andrew Franco</u>																			
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 on ice at a temperature above 0 but less than 6°C on subsequent days. <b>Lab Use Only</b> Received on ice: <u>(V) N</u>							
<u>[Signature]</u>		10-09-25		4:00 PM		<u>Michelle Gonzales</u>		10-10-25		1230									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
<u>Michelle Gonzales</u>		10-10-25		1430		<u>Marcus Thompson</u>		10-10-25		1430									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
<u>Marcus Thompson</u>		10-10-25		2400		<u>Joe Sat</u>		10-13-25		0700									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sl - 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: 10/13/2025 2:27:44PM

## 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:	10/13/25 07:00	Work Order ID:	E510124
Phone:	(806) 724-5391	Date Logged In:	10/10/25 15:50	Logged In By:	Caitlin Mars
Email:	delrac@pimaoil.com	Due Date:	10/17/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



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

QUESTIONS

Action 522416

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522416
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2515572571
Incident Name	NAPP2515572571 NORTH THISTLE 15 CTB 2 @ FAPP2122855485
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2122855485] NORTH THISTLE 15 CTB 2

**Location of Release Source**

Please answer all the questions in this group.

Site Name	NORTH THISTLE 15 CTB 2
Date Release Discovered	06/03/2025
Surface Owner	State

**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   Dump Line   Produced Water   Released: 62 BBL   Recovered: 20 BBL   Lost: 42 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)	Dump developed a pinhole leak. This allowed approximately 62 bbls produced water to be released to pad surface. 20 bbls recovered.

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QUESTIONS, Page 2

Action 522416

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522416
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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@dvni.com Date: 11/03/2025
--	---

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QUESTIONS, Page 3

Action 522416

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522416
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Site Characterization</b>	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 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	Greater than 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

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
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
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	7710
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	7310
GRO+DRO (EPA SW-846 Method 8015M)	5370
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<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>	
On what estimated date will the remediation commence	12/03/2025
On what date will (or did) the final sampling or liner inspection occur	12/05/2025
On what date will (or was) the remediation complete(d)	12/03/2025
What is the estimated surface area (in square feet) that will be reclaimed	1250
What is the estimated volume (in cubic yards) that will be reclaimed	72
What is the estimated surface area (in square feet) that will be remediated	1250
What is the estimated volume (in cubic yards) that will be remediated	72
<i>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.</i>	
<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 4

Action 522416

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522416
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 11/03/2025
<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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1220 S. St Francis Dr.  
Santa Fe, NM 87505

QUESTIONS, Page 5

Action 522416

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522416
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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

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, Page 6

Action 522416

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522416
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No



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

CONDITIONS

Action 522416

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522416
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. The work will need to occur in 90 days after the report has been reviewed.	11/19/2025