



# SITE ASSESSMENT AND CLOSURE REPORT

PREPARED FOR:  
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:  
PIMA ENVIRONMENTAL SERVICES, LLC.

December 16, 2025  
PIMA ENVIRONMENTAL SERVICES, LLC.  
5614 N LOVINGTON HWY, HOBBS, NM 88240



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

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

**RE:** SITE ASSESSMENT AND CLOSURE REPORT

**LOCATION:** North Thistle 15 CTB 2

**WELL API:** N/A

**GPS:** 32.30117, -103.55831

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

**COUNTY:** Lea

**NMOCD REF. NO.** NRM2014559902

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment and has prepared this Closure Report for a crude oil release that occurred at the North Thistle 15 CTB 2 (North Thistle). This incident was assigned Incident ID: NRM2014559902, by the New Mexico Oil Conservation Division (NMOCD).

### RELEASE INFORMATION

**NRM2014559902:** On December 23, 2019, equipment failed, a 3” dump valve was cut out causing fluid to release. The released fluids were calculated to be approximately 149.568 barrels (bbls) of crude oil. A vacuum truck was able to recover 100 bbls of standing fluid.

### SITE CHARACTERIZATION

The North Thistle is located approximately twenty-five (25) miles northwest of Jal, NM. This spill site is in Unit J, Section 15, Township 23S, Range 33E, Latitude 32.30117 Longitude -103.55831, Lea County, NM. 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). Figure 2 references a Topographic Map.

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.

## SITE ASSESSMENT, AND SOIL SAMPLING RESULTS

On February 17, 2025, Pima mobilized personnel to the site to begin collecting soil samples from the spill area in effort to delineate. Thirteen (13) bottom samples were collected from depth intervals of surface, 1', 2', 3', and 4' below ground surface (bgs) from sample points labeled S-1 through S-13. Nine (9) sidewall samples were collected from depth intervals of surface, 1', 2', 3', and 4' bgs and labeled SW-1 through SW-9. One (1) sample point was collected from the pasture at a depth of 1' bgs to serve as a background sample. All samples were put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratories in Farmington, New Mexico for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The laboratory results of this sampling event can be seen in the Data Tables in Figure 4. A Site Map can be found in Figure 5. Complete Laboratory Report is referenced in Appendix E.

On March 20, 2025, after sending a 48-hour notification, application ID: 442181 (Appendix C), Pima returned to the site to collect confirmation samples from the release area. A total of sixty-seven (67) composite samples were collected from the surface down to a depth of 4 feet bgs using a hand auger, labeled CS1 through CS67. A total of fourteen (14) sidewall composite samples were collected from the surface down to a depth of 4 feet bgs, labeled CSW1 through CSW14. Each composite sample is not representative of more than 200 square feet. A total of eighty-one (81) samples were collected for laboratory analysis for total chloride using EPA Method 200.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA method 8021B; motor, diesel, and gasoline range organics (MRO, DRO, & GRO) by EPA Method 8015D. All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Envirotech Analytical Laboratories, in Farmington, New Mexico. The results of this sampling event can be found in Figure 4. A Confirmation Sample Map can be found in Figure 7. A complete Laboratory Report is referenced in Appendix E.

Based on the laboratory reports provided, the contamination levels are under regulatory limits as per the 51'-100' foot depth to groundwater section of Table 1 19.15.29.12 NMAC. No further remediation is required at this time.

## CLOSURE REQUEST

After careful review, Pima requests that this incident, NRM2014559902, be closed. Devon has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

Devon has complied with the applicable closure requirements set forth in 19.15.29.12 NMAC and requests that this remediation closure report for incident ID NRM2014559902 be approved. Devon understands that the reclamation of this pad area (once it is no longer needed for production or subsequent drilling operations) will require an approved reclamation plan report addressing a minimum of four feet of non-waste containing earthen material. Followed by a revegetation plan report once the site has reached the required vegetative status.

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

Devon Energy Production – Jim Raley at 575-689-7597 or [jim.ralej@dv.com](mailto:jim.ralej@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- Confirmation Sample Map

### APPENDICES:

Appendix A – Water Surveys and Water Related Maps

Appendix B – Soil Survey, Geological Data

Appendix C – 48-Hour Sampling Notification

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports



## FIGURES

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



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 | NRM201455902

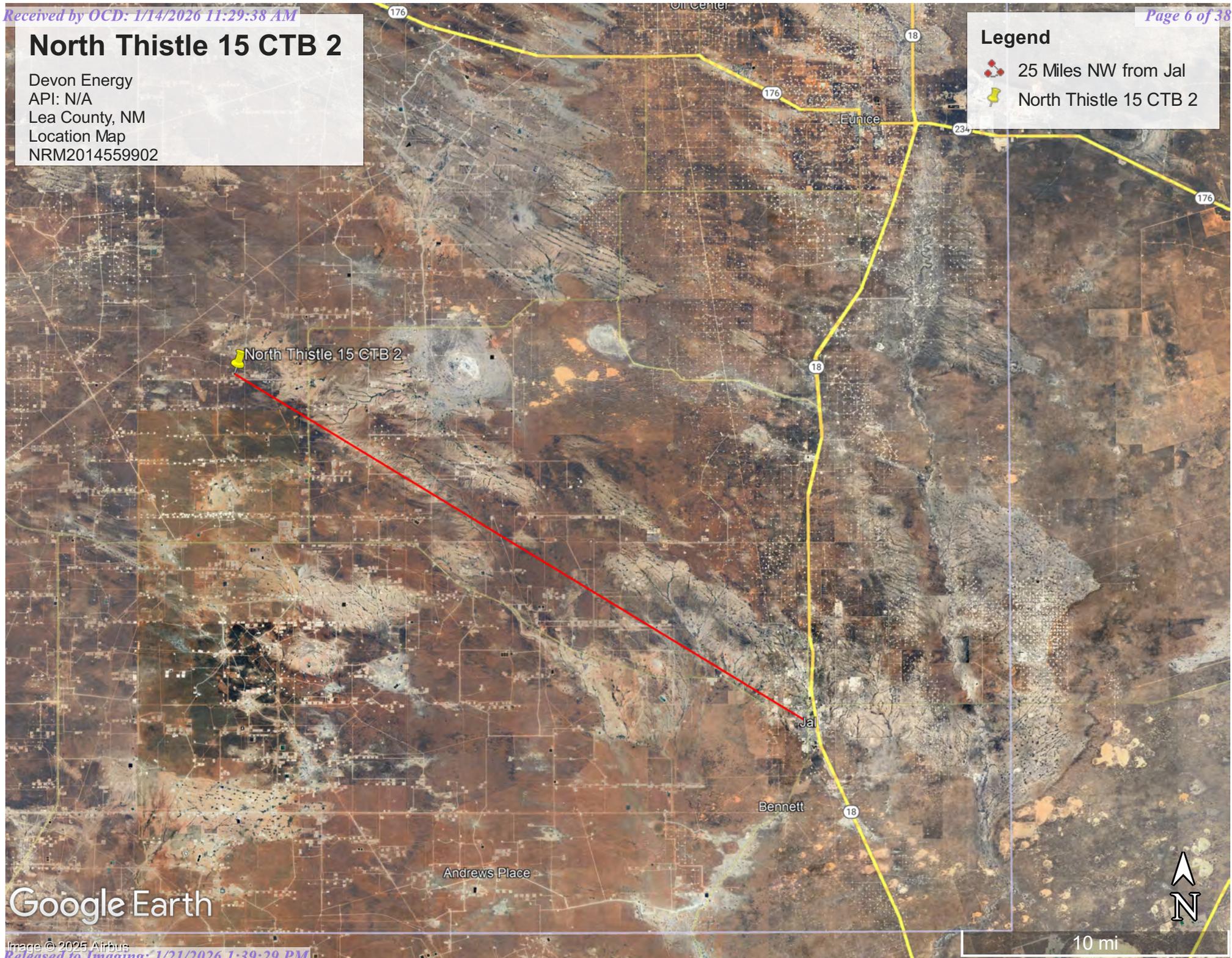
DEVON ENERGY PRODUCTION, LP.

# North Thistle 15 CTB 2

Devon Energy  
API: N/A  
Lea County, NM  
Location Map  
NRM2014559902

## Legend

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



Google Earth



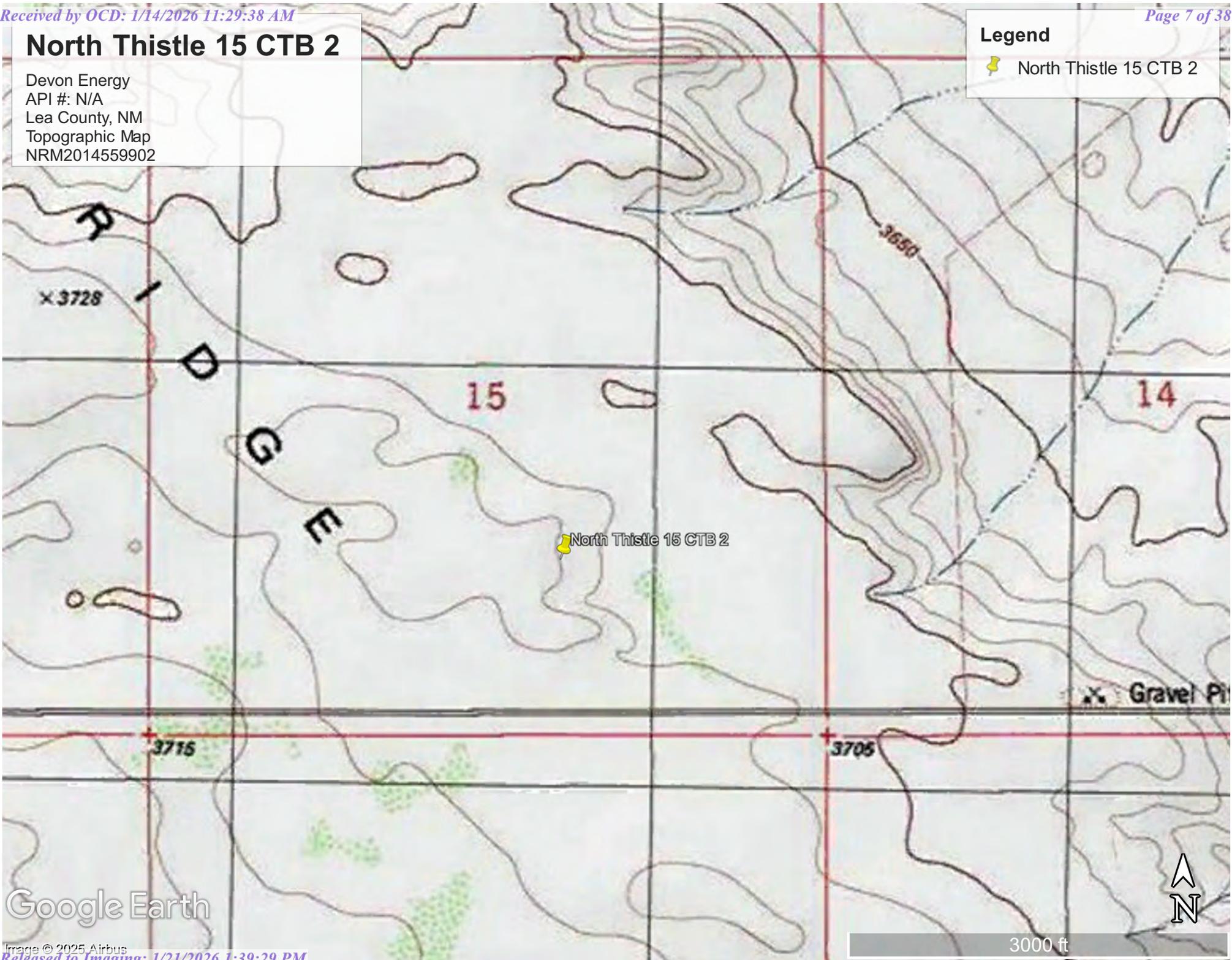
10 mi

# North Thistle 15 CTB 2

Devon Energy  
API #: N/A  
Lea County, NM  
Topographic Map  
NRM2014559902

**Legend**

-  North Thistle 15 CTB 2



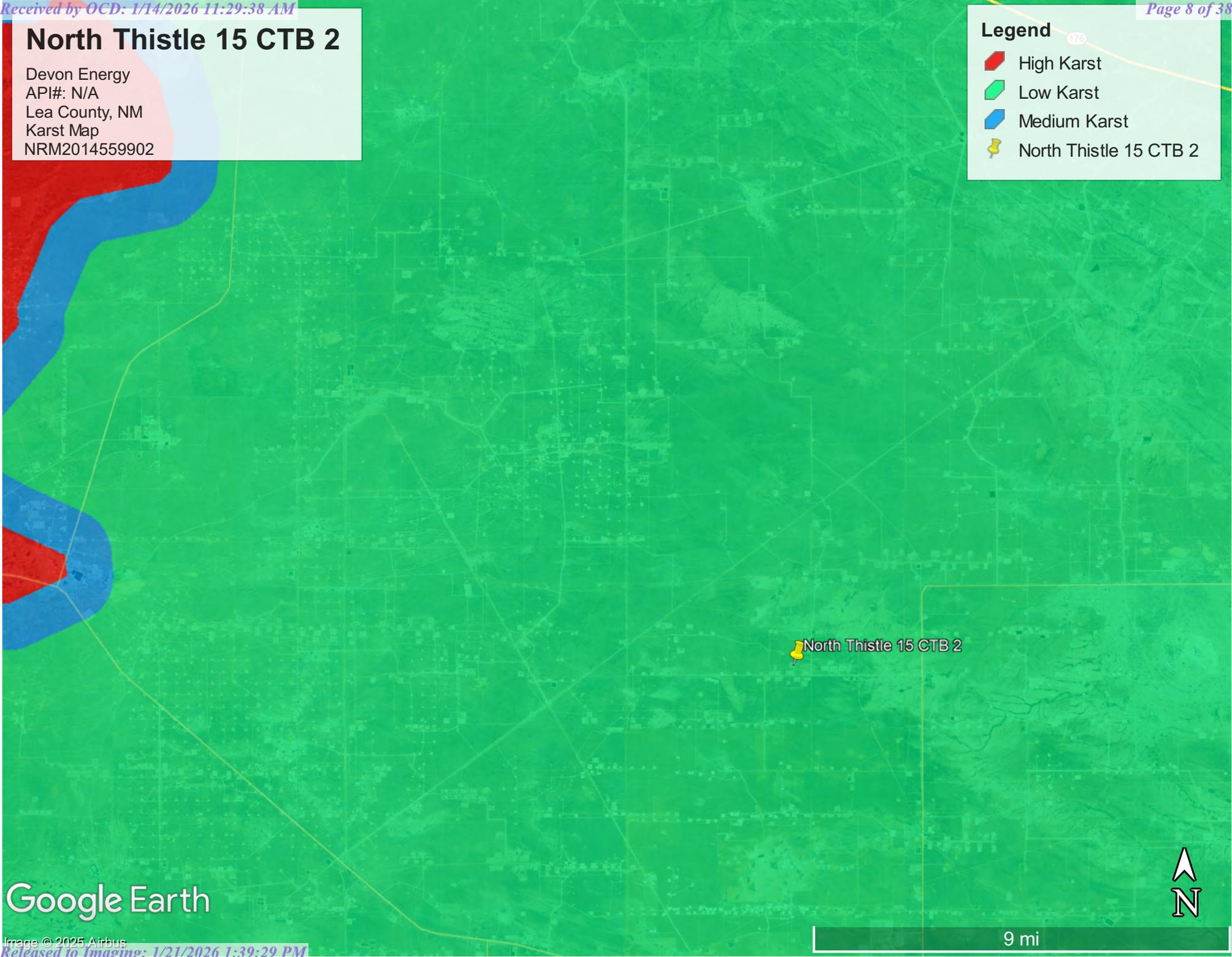
Google Earth

# North Thistle 15 CTB 2

Devon Energy  
API#: N/A  
Lea County, NM  
Karst Map  
NRM2014559902

**Legend**

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



 North Thistle 15 CTB 2

Google Earth



9 mi



# INITIAL ASSESSMENT DATA TABLES



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North Thistle 15 CTB 2 | NRM201455902

DEVON ENERGY PRODUCTION, LP.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2 NRM201459902								
Date: 2-17-25		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	118	ND	118	48.3
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S2	Surface	ND	ND	ND	127	ND	127	31.4
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S3	Surface	ND	ND	ND	113	ND	113	45.8
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S4	Surface	ND	ND	ND	100	ND	100	42
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S5	Surface	ND	ND	ND	123	ND	123	68.1
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S6	Surface	ND	ND	ND	240	107	347	46.4
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S7	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S8	Surface	ND	ND	ND	50.7	ND	50.7	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2 NRM201459902								
Date: 2-17-25		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
S9	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S10	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S11	Surface	ND	ND	ND	37	ND	37	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S12	Surface	ND	ND	ND	36	ND	36	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S13	Surface	ND	ND	ND	ND	ND	0	105
	1'	ND	ND	ND	29.1	ND	29.1	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW1	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW2	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW3	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2 NRM201459902								
Date: 2-17-25		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
SW4	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW5	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW6	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW7	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW8	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW9	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

# CONFIRMATION SAMPLE DATA TABLES



Pima Environmental Services, LLC  
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575-964-7740 | [www.pimaoil.com](http://www.pimaoil.com)

North Thistle 15 CTB 2 | NRM201455902

DEVON ENERGY PRODUCTION, LP.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2 NRM2014559902								
Date: 3-20-25		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
CS1	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS2	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS3	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS4	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS5	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS6	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS7	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS8	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS9	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS10	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS11	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS12	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS13	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS14	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS15	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS16	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS17	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS18	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS19	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS20	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS21	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS22	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS23	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS24	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS25	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS26	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS27	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND

CS28	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS29	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS30	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS31	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS32	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS33	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS34	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS35	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS36	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS37	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS38	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS39	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS40	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS41	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS42	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS43	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS44	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS45	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS46	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS47	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS48	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS49	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS50	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS51	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS52	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS53	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS54	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS55	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS56	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS57	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND

CS58	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS59	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS60	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS61	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS62	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS63	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS64	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS65	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS66	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CS67	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW1	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW2	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW3	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW4	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW5	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW6	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW7	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW8	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW9	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW10	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW11	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW12	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW13	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND
CSW14	Surface-4'COMP	ND	ND	ND	ND	ND	ND	ND

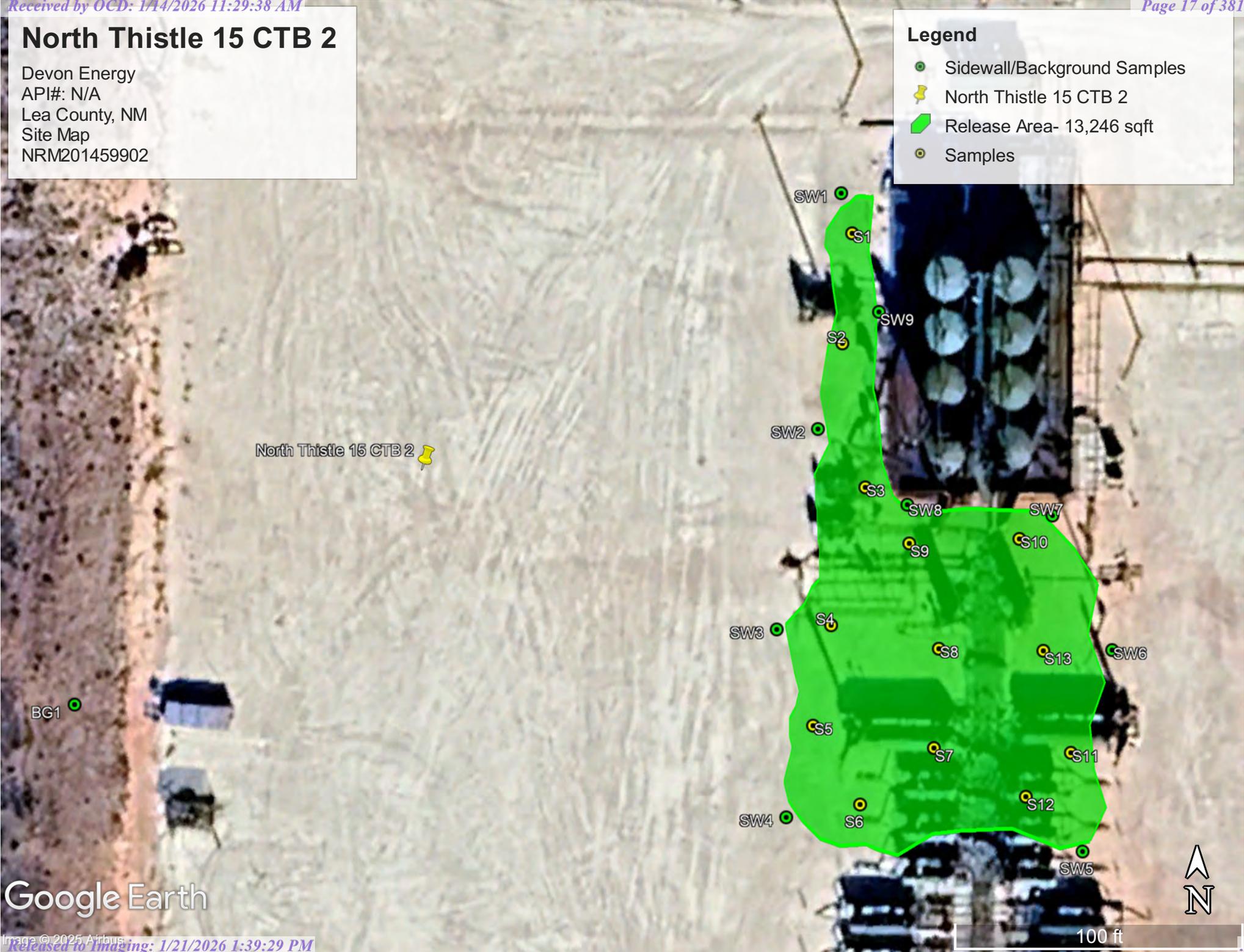


# North Thistle 15 CTB 2

Devon Energy  
API#: N/A  
Lea County, NM  
Site Map  
NRM201459902

## Legend

-  Sidewall/Background Samples
-  North Thistle 15 CTB 2
-  Release Area- 13,246 sqft
-  Samples



North Thistle 15 CTB 2 

BG1 

SW1 

S1 

SW9 

S2 

SW2 

S3 

SW8 

SW7 

S9 

S10 

SW3 

S4 

S8 

S13 

SW6 

S5 

S7 

S11 

SW4 

S6 

S12 

SW5 

Google Earth

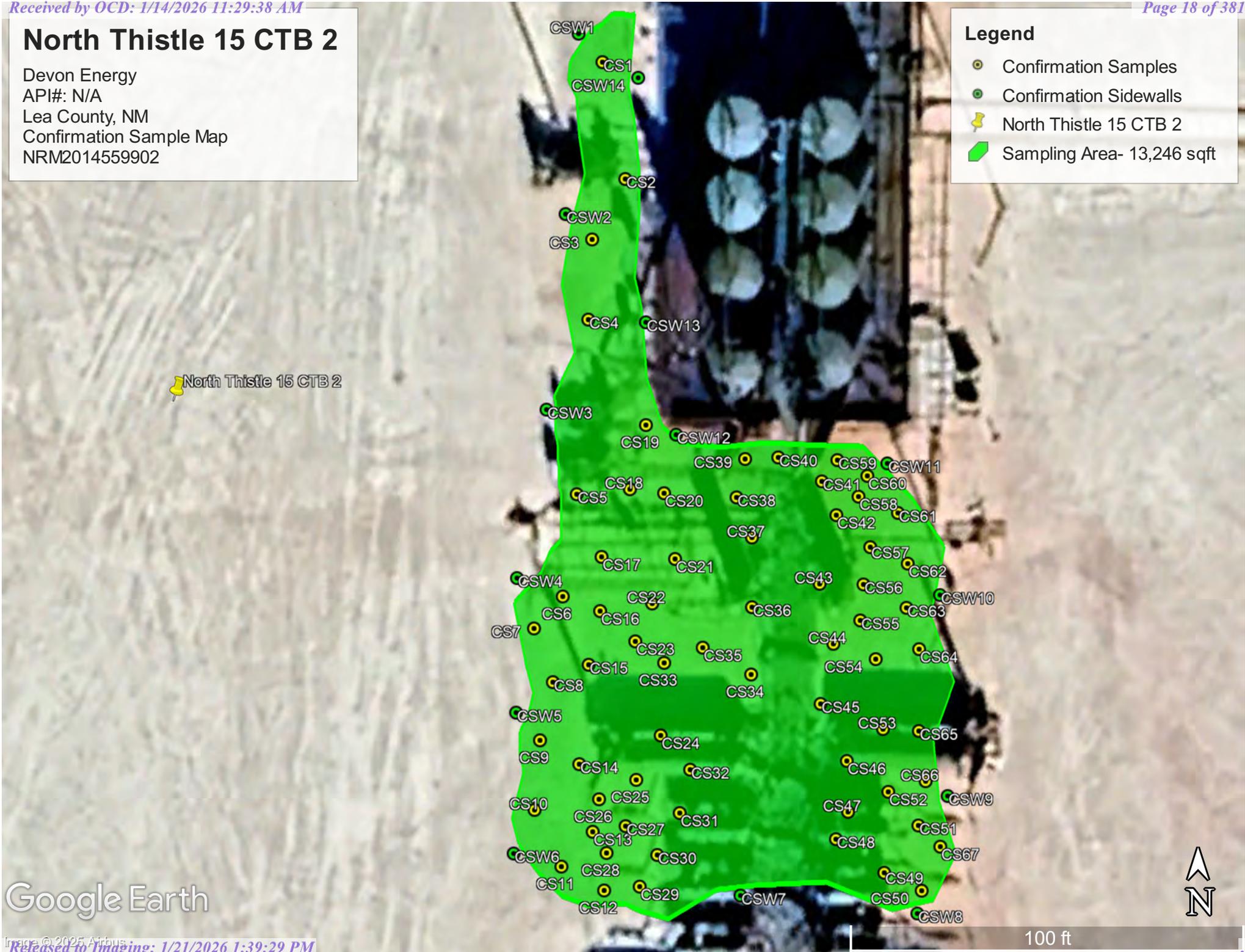


# North Thistle 15 CTB 2

Devon Energy  
API#: N/A  
Lea County, NM  
Confirmation Sample Map  
NRM2014559902

**Legend**

- Confirmation Samples
- Confirmation Sidewalls
- North Thistle 15 CTB 2
- Sampling Area- 13,246 sqft



Google Earth

100 ft



# APPENDIX A

## Water Surverys & Water Related Maps



Pima Environmental Services, LLC  
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North Thistle 15 CTB 2 | NRM201455902

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

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<b>Driller License:</b>	1249	<b>Driller Company:</b>	ATKINS ENGINEERING ASSOC. INC.		
<b>Driller Name:</b>	JACKIE D ATKINS				
<b>Drill Start Date:</b>	2022-09-07	<b>Drill Finish Date:</b>	2022-09-07	<b>Plug Date:</b>	2022-09-13
<b>Log File Date:</b>	2022-09-26	<b>PCW Rcv Date:</b>		<b>Source:</b>	
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b>	
<b>Casing Size:</b>		<b>Depth Well:</b>	55	<b>Depth Water:</b>	

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.

2/13/25 11:14 AM MST

Point of Diversion Summary

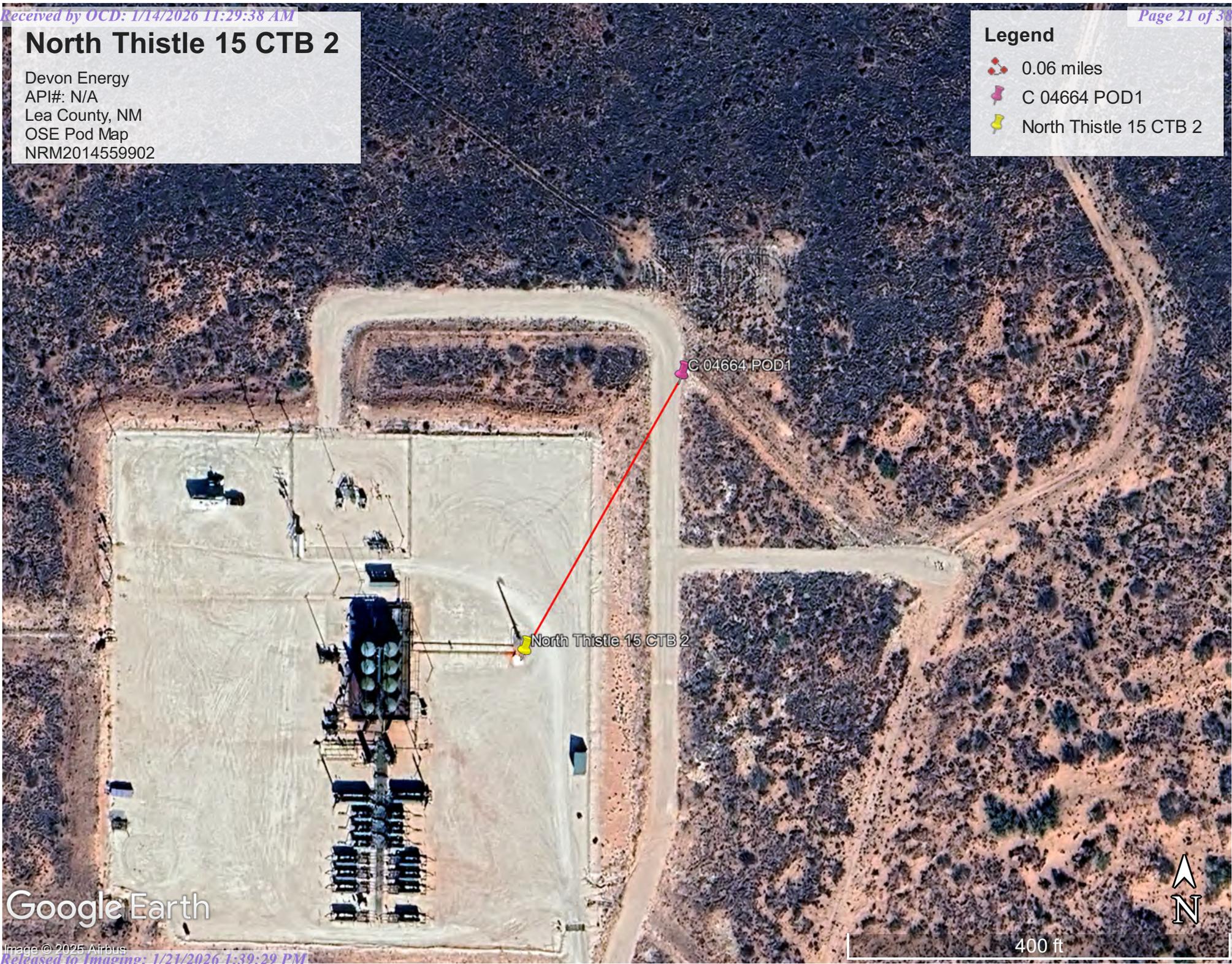
©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |

# North Thistle 15 CTB 2

Devon Energy  
API#: N/A  
Lea County, NM  
OSE Pod Map  
NRM2014559902

**Legend**

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



Google Earth

400 ft



USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

Click to hide News 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

**i** 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

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

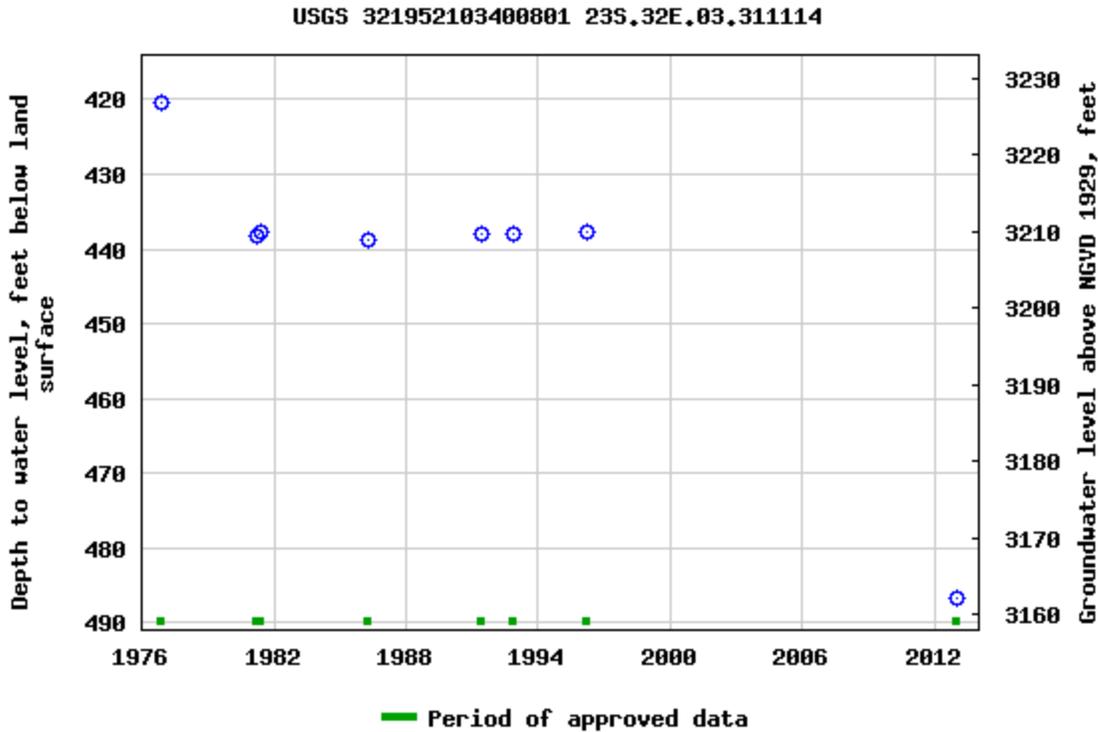
The depth of the well is 630 feet below land surface.

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

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>



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

[Download a presentation-quality graph](#)

[Questions or Comments](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[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

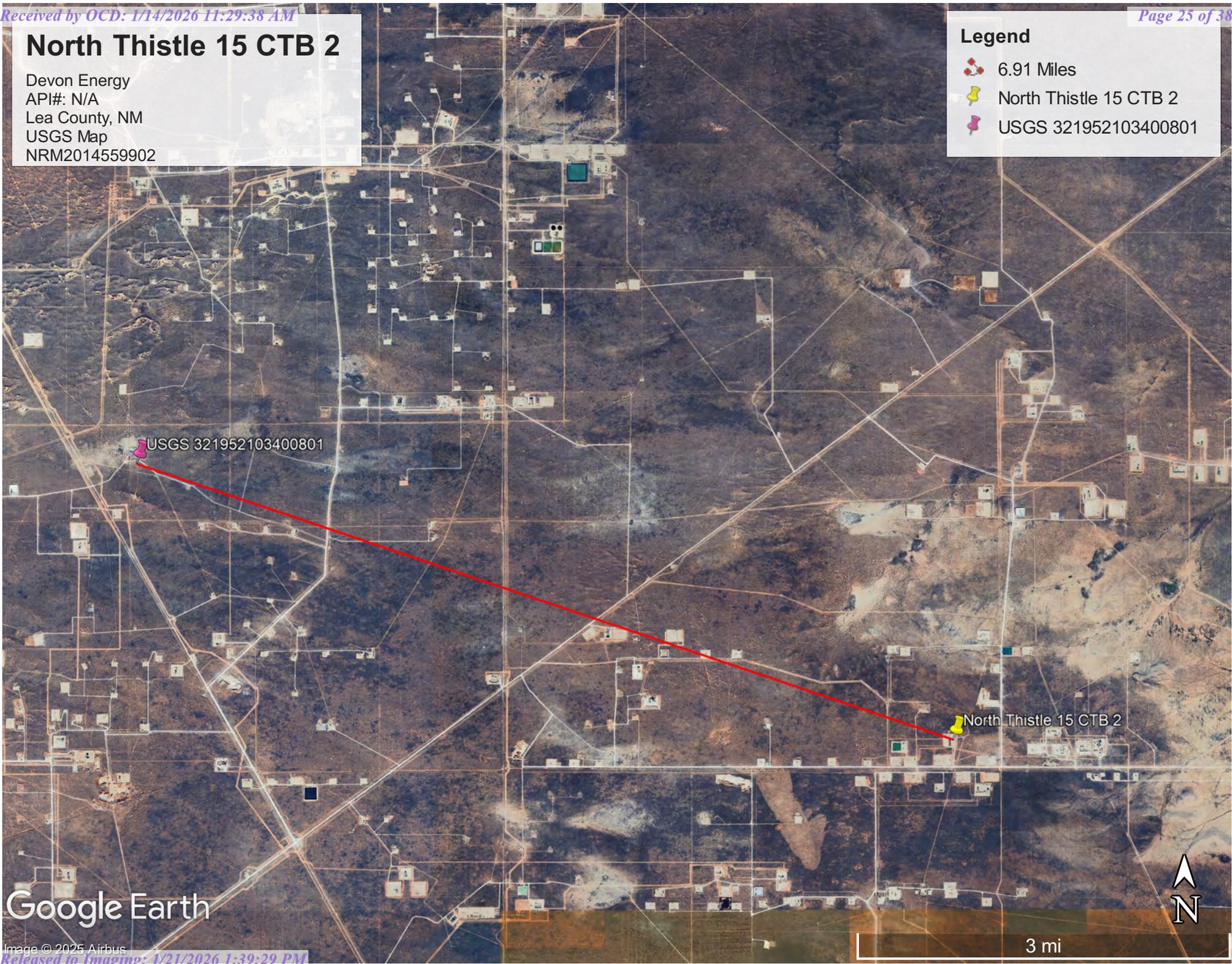


# North Thistle 15 CTB 2

Devon Energy  
API#: N/A  
Lea County, NM  
USGS Map  
NRM2014559902

**Legend**

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



USGS 321952103400801

North Thistle 15 CTB 2

Google Earth



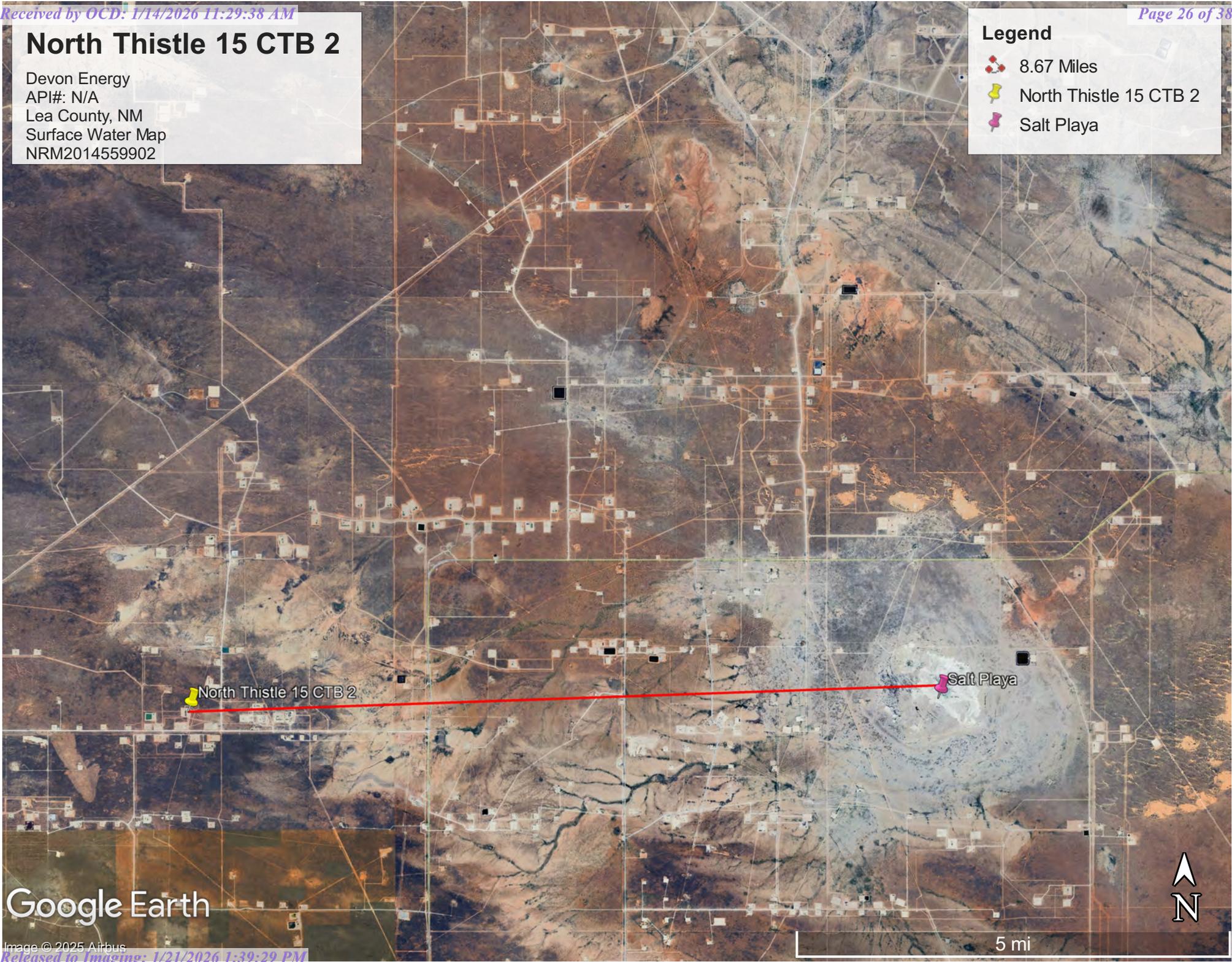
3 mi

# North Thistle 15 CTB 2

Devon Energy  
API#: N/A  
Lea County, NM  
Surface Water Map  
NRM2014559902

**Legend**

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



Google Earth

5 mi

# National Flood Hazard Layer FIRMette



103°33'49"W 32°18'19"N



## Legend

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

- |                                    |  |  |
|------------------------------------|--|--|
| <b>SPECIAL FLOOD HAZARD AREAS</b>  |  | Without Base Flood Elevation (BFE)<br><i>Zone A, V, A99</i>  |
|                                    |  | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>   |
|                                    |  | Regulatory Floodway  |
| <b>OTHER AREAS OF FLOOD HAZARD</b> |  | 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 <i>Zone X</i> |
|                                    |  | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>  |
|                                    |  | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>  |
|                                    |  | Area with Flood Risk due to Levee <i>Zone D</i>  |
| <b>OTHER AREAS</b>                 |  | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>   |
|                                    |  | Effective LOMRs  |
| <b>GENERAL STRUCTURES</b>          |  | Area of Undetermined Flood Hazard <i>Zone D</i>  |
|                                    |  | Channel, Culvert, or Storm Sewer   |
|                                    |  | Levee, Dike, or Floodwall  |
| <b>OTHER FEATURES</b>              |  | 20.2 Cross Sections with 1% Annual Chance  |
|                                    |  | 17.5 Water Surface Elevation   |
|                                    |  | Coastal Transect   |
|                                    |  | Base Flood Elevation Line (BFE)  |
|                                    |  | Limit of Study   |
| <b>MAP PANELS</b>                  |  | Jurisdiction Boundary  |
|                                    |  | Coastal Transect Baseline  |
|                                    |  | Profile Baseline   |
|                                    |  | Hydrographic Feature   |
|                                    |  | 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.

Released to Imaging: 1/21/2026 1:39:29 PM

1:6,000

103°33'11"W 32°17'49"N

Basemap Imagery Source: USGS National Map 2023



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

North Thistle 15 CTB 2 | NRM201455902

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

---

*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

---

*Hydric soil rating:* No

## Data Source Information

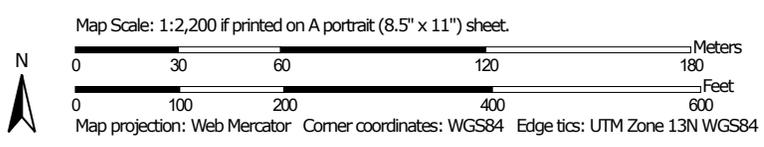
Soil Survey Area: Lea County, New Mexico  
Survey Area Data: Version 21, Sep 3, 2024



Soil Map—Lea County, New Mexico



Soil Map may not be valid at this scale.



Natural Resources Conservation Service

Web Soil Survey National Cooperative Soil Survey

2/13/2025 Page 1 of 3

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.

Soil Map—Lea County, New Mexico

---

## 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%
<b>Totals for Area of Interest</b>		<b>19.8</b>	<b>100.0%</b>

(<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

<a href="/geology/state/xml/NMQep;0">XML (/geology/state/xml/NMQep;0)</a>	<a href="/geology/state/json/NMQep;0">JSON (/geology/state/json/NMQep;0)</a>
<a href="/geology/state/unit-shape.php?unit=NMQep;0">Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)</a>	

*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.*

<b>State</b>	New Mexico ( <a href="/geology/state/state.php?state=NM">/geology/state/state.php?state=NM</a> )
<b>Name</b>	Eolian and piedmont deposits
<b>Geologic age</b>	Holocene to middle Pleistocene
<b>Lithologic constituents</b>	Major Unconsolidated (Eolian) <i>Interlayered eolian sands and piedmont-slope deposits</i>
<b>References</b>	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).
<b>NGMDB product</b>	NGMDB product page for 22974 ( <a href="https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm</a> )
<b>Counties</b>	Chaves ( <a href="/geology/state/fips-unit.php?code=f35005">/geology/state/fips-unit.php?code=f35005</a> ) - DeBaca ( <a href="/geology/state/fips-unit.php?code=f35011">/geology/state/fips-unit.php?code=f35011</a> ) - Eddy ( <a href="/geology/state/fips-unit.php?code=f35015">/geology/state/fips-unit.php?code=f35015</a> ) - Lea ( <a href="/geology/state/fips-unit.php?code=f35025">/geology/state/fips-unit.php?code=f35025</a> ) - Roosevelt ( <a href="/geology/state/fips-unit.php?code=f35041">/geology/state/fips-unit.php?code=f35041</a> )

DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal ([https://www.usgs.gov/laws/policies\\_notices.html](https://www.usgs.gov/laws/policies_notices.html)) |  
 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.doiog.gov/>) |

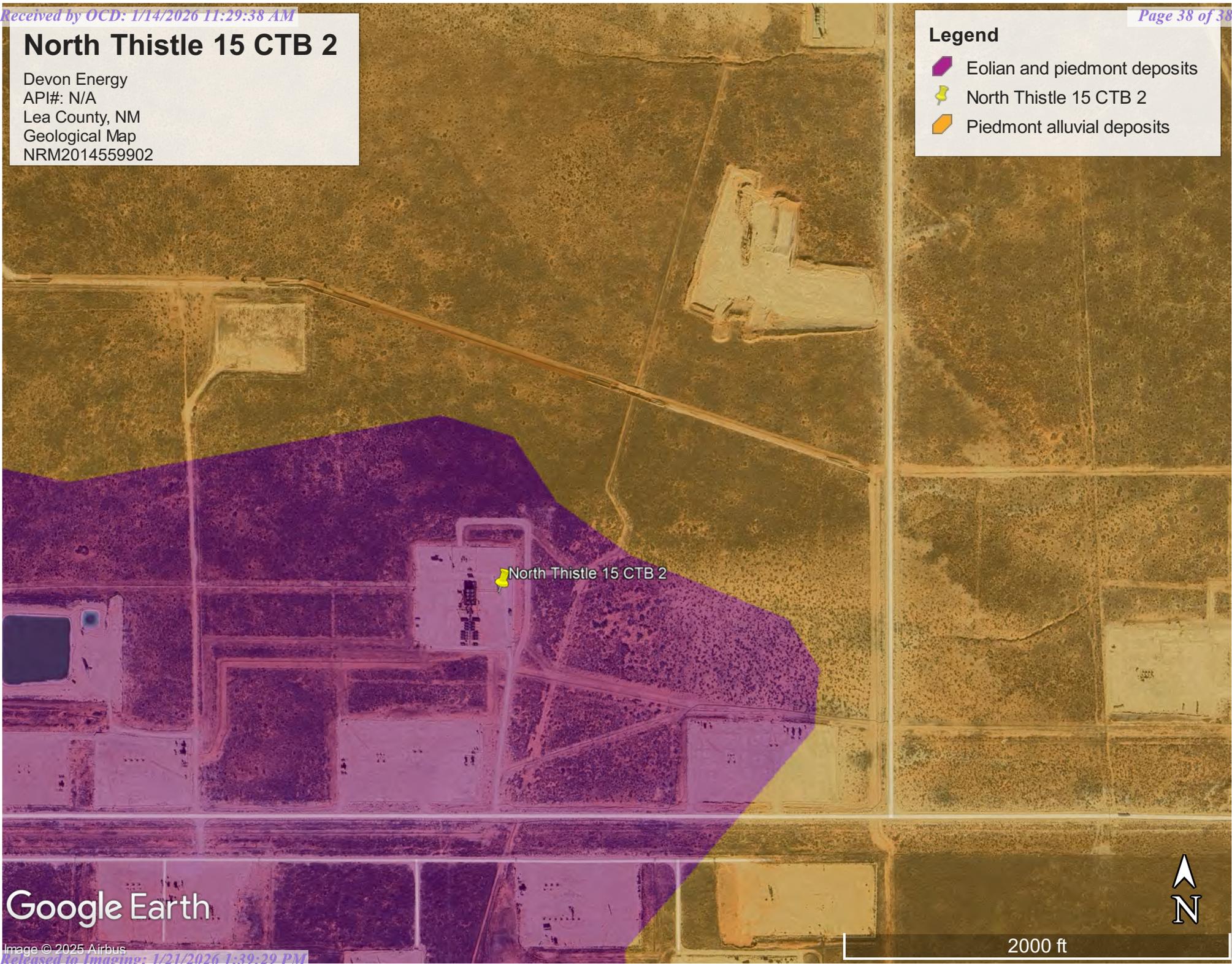
White House (<https://www.whitehouse.gov/>) | E-gov (<https://www.whitehouse.gov/omb/management/egov/>) |  
No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

# North Thistle 15 CTB 2

Devon Energy  
API#: N/A  
Lea County, NM  
Geological Map  
NRM2014559902

## Legend

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



Google Earth

Image © 2025 Airbus

2000 ft



# APPENDIX C

## 48-Hour Sampling Notification



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 | NRM201455902

DEVON ENERGY PRODUCTION, LP.

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 442181

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 442181
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nRM2014559902
Incident Name	NRM2014559902 NORTH THISTLE 15 CTB 2 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	NORTH THISTLE 15 CTB 2
Date Release Discovered	12/23/2019
Surface Owner	Federal

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	13,246
What is the estimated number of samples that will be gathered	81
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/20/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Sampler - Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.30117, -103.5583



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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 442181

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 442181
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/13/2025

# APPENDIX D

## Photographic Documentation



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 | NRM201455902

DEVON ENERGY PRODUCTION, LP.

### PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Site Information Sign



Photograph of site tech assessing the location facing northeast.



Photograph of site tech assessing the location facing north.



Photograph of site tech assessing the location facing south.



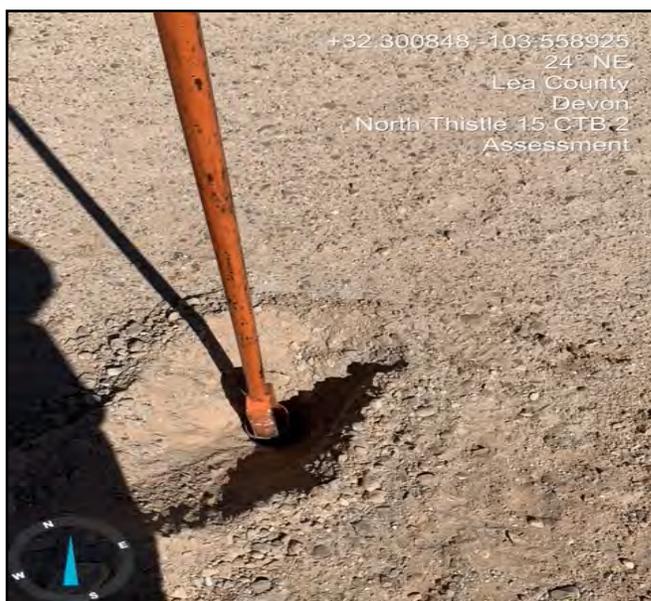
Photograph of site tech assessing the location facing south.



Photograph of site tech assessing the location facing south.



Photograph of site tech assessing the location facing southwest.



Photograph of site tech assessing the location facing northeast.

### PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

#### Confirmation Samples :



Photograph take during confirmation sampling, facing west.



Photograph take during confirmation sampling, facing north.



Photograph take during confirmation sampling, facing north.



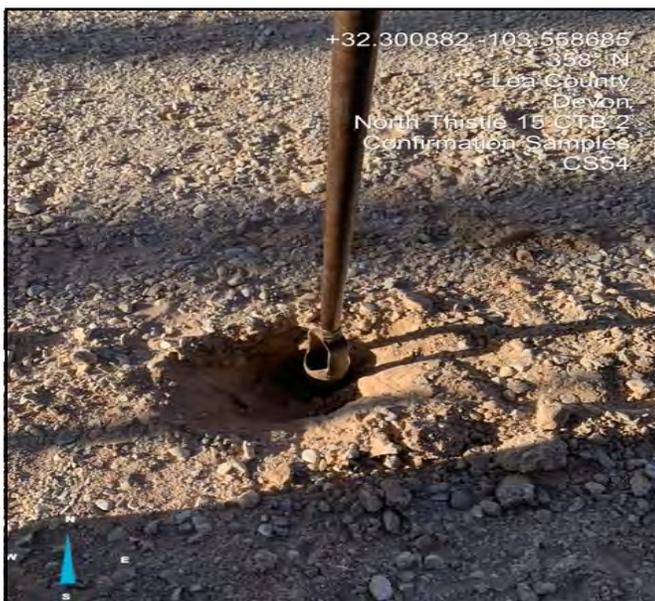
Photograph take during confirmation sampling, facing north.



Photograph take during confirmation sampling, facing northwest.



Photograph take during confirmation sampling, facing west.



Photograph take during confirmation sampling, facing north.



Photograph take during confirmation sampling, facing north.

# APPENDIX E

## 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 | NRM201455902

DEVON ENERGY PRODUCTION, LP.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E502165

Job Number: 01058-0007

Received: 2/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/25/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 2/25/25



Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247

Project Name: North Thistle 15 CTB 2  
Workorder: E502165  
Date Received: 2/19/2025 5:00:26AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/19/2025 5:00:26AM, 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  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 02/25/25 11:42
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-SURFACE	E502165-01A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S1-1'	E502165-02A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S1-2'	E502165-03A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S1-3'	E502165-04A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S1-4'	E502165-05A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S2-SURFACE	E502165-06A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S2-1'	E502165-07A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S2-2'	E502165-08A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S2-3'	E502165-09A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S2-4'	E502165-10A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S3-SURFACE	E502165-11A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S3-1'	E502165-12A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S3-2'	E502165-13A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S3-3'	E502165-14A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S3-4'	E502165-15A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S4-SURFACE	E502165-16A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S4-1'	E502165-17A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S4-2'	E502165-18A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S4-3'	E502165-19A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S4-4'	E502165-20A	Soil	02/17/25	02/19/25	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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**S1-SURFACE**  
**E502165-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		95.1 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.6 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		95.8 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		95.1 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.6 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		95.8 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	<b>118</b>	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: AK		Batch: 2508053
Chloride	<b>48.3</b>	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S1-1'

E502165-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		93.4 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		93.4 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		95.2 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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**S1-2'**

**E502165-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.7 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		98.6 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.7 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		98.6 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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**S1-3'**

**E502165-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.0 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.8 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.0 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.8 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	





### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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**S1-4'**

**E502165-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		93.3 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		93.3 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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**S2-SURFACE**

**E502165-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.9 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.1 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.9 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.1 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	127	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	31.4	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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**S2-1'**

**E502165-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		93.2 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		93.2 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		95.6 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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**S2-2'**

**E502165-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.7 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.7 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S2-3'

E502165-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.1 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.1 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S2-4'

E502165-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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**S3-SURFACE**

**E502165-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.6 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.2 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.5 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.6 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.2 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.5 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	113	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		99.0 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	45.8	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S3-1'

E502165-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		95.0 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.9 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		95.0 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		96.9 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		97.4 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	





### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S3-2'

E502165-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		95.3 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		95.3 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		97.7 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S3-3'

E502165-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		97.3 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		97.3 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		98.7 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S3-4'

E502165-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.9 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.3 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		94.9 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.3 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		92.5 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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**S4-SURFACE**

**E502165-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	100	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		93.2 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	42.0	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S4-1'

E502165-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		94.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		97.2 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		94.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		97.2 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		94.6 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S4-2'

E502165-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		93.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		93.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		95.7 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S4-3'

E502165-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		94.1 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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S4-4'

E502165-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508056
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508055
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		94.9 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508053
Chloride	ND	20.0	1	02/19/25	02/19/25	





### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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 (2508056-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.477		0.500		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

#### LCS (2508056-BS1)

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

Benzene	2.33	0.0250	2.50		93.0	70-130			
Ethylbenzene	2.31	0.0250	2.50		92.4	70-130			
Toluene	2.24	0.0250	2.50		89.7	70-130			
o-Xylene	2.22	0.0250	2.50		88.6	70-130			
p,m-Xylene	4.46	0.0500	5.00		89.3	70-130			
Total Xylenes	6.68	0.0250	7.50		89.1	70-130			
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

#### Matrix Spike (2508056-MS1)

Source: E502165-02

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

Benzene	2.34	0.0250	2.50	ND	93.6	48-131			
Ethylbenzene	2.31	0.0250	2.50	ND	92.5	45-135			
Toluene	2.24	0.0250	2.50	ND	89.5	48-130			
o-Xylene	2.24	0.0250	2.50	ND	89.5	43-135			
p,m-Xylene	4.50	0.0500	5.00	ND	89.9	43-135			
Total Xylenes	6.74	0.0250	7.50	ND	89.8	43-135			
Surrogate: Bromofluorobenzene	0.482		0.500		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

#### Matrix Spike Dup (2508056-MSD1)

Source: E502165-02

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

Benzene	2.31	0.0250	2.50	ND	92.5	48-131	1.14	23	
Ethylbenzene	2.30	0.0250	2.50	ND	92.1	45-135	0.455	27	
Toluene	2.23	0.0250	2.50	ND	89.3	48-130	0.268	24	
o-Xylene	2.25	0.0250	2.50	ND	89.9	43-135	0.401	27	
p,m-Xylene	4.46	0.0500	5.00	ND	89.3	43-135	0.714	27	
Total Xylenes	6.71	0.0250	7.50	ND	89.5	43-135	0.342	27	
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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 (2508056-BLK1)**

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.477		0.500		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

**LCS (2508056-BS2)**

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

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.7	70-130			
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			

**Matrix Spike (2508056-MS2)**

Source: E502165-02

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

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.5	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.490		0.500		97.9	70-130			

**Matrix Spike Dup (2508056-MSD2)**

Source: E502165-02

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

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130	2.90	20	
Surrogate: Bromofluorobenzene	0.482		0.500		96.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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#### 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 (2508055-BLK1)**

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.5		50.0		97.1	61-141			

**LCS (2508055-BS1)**

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

Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: n-Nonane	47.6		50.0		95.2	61-141			

**Matrix Spike (2508055-MS1)**

Source: E502165-14

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

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	47.1		50.0		94.3	61-141			

**Matrix Spike Dup (2508055-MSD1)**

Source: E502165-14

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156	2.06	20	
Surrogate: n-Nonane	47.9		50.0		95.8	61-141			



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 11:42:37AM
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#### Anions by EPA 300.0/9056A

Analyst: AK

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 (2508053-BLK1)**

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

Chloride ND 20.0

**LCS (2508053-BS1)**

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

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2508053-MS1)**

Source: E502165-08

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

Chloride 254 20.0 250 ND 102 80-120

**Matrix Spike Dup (2508053-MSD1)**

Source: E502165-08

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

Chloride 255 20.0 250 ND 102 80-120 0.175 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	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	02/25/25 11:42

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

Released to Imaging: 1/21/2026 1:39:29 PM

Received by OCD: 1/14/2026 11:29:38 AM

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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 Thistle 15 CTB 2				Address:				E502165		010580007					X	X																																																								
Project Manager: Lynsey Coons				City, State, Zip:				<table border="1"> <thead> <tr> <th colspan="8">Analysis and Method</th> <th colspan="4">EPA Program</th> </tr> <tr> <td>DRO/DRO by 8015</td> <td>GRO/DRO by 8015</td> <td>BTEX by 8021</td> <td>VOC by 8260</td> <td>Chloride 300.0</td> <td>BGDOC - NM</td> <td>TCEQ 1005 - TX</td> <td>RCRA 8 Metals</td> <td>Carbon/Anion Pkg</td> <td>SDWA</td> <td>CWA</td> <td>RCRA</td> <td colspan="2">Compliance</td> <td>Y</td> <td>or</td> <td>N</td> </tr> <tr> <td colspan="8"></td> <td colspan="4">PWSID #</td> </tr> <tr> <td colspan="12"></td> <td colspan="4">Remarks</td> </tr> </thead> </table>								Analysis and Method								EPA Program				DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	SDWA	CWA	RCRA	Compliance		Y	or	N									PWSID #																Remarks			
Analysis and Method																EPA Program																																																								
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals									Carbon/Anion Pkg	SDWA	CWA	RCRA	Compliance		Y	or	N																																																
																PWSID #																																																								
												Remarks																																																												
Address: 5614 N Lovington Hwy				Phone:																																																																				
City, State, Zip: Hobbs, NM 88240				Email:																																																																				
Phone: (575)318-7532				Miscellaneous: Project No. #170-2																																																																				
Email: Lynsey@pimaoil.com																																																																								
Sample Information																																																																								
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	Remarks																																																								
8:32	2/17/2025	S		S1-SURFACE		1						X																																																												
8:35				S1-1'		2																																																																		
8:39				S1-2'		3																																																																		
8:43				S1-3'		4																																																																		
8:46				S1-4'		5																																																																		
8:49				S2-SURFACE		6																																																																		
8:53				S2-1'		7																																																																		
8:58				S2-2'		8																																																																		
9:03				S2-3'		9																																																																		
9:10				S2-4'		10																																																																		
Additional Instructions: W/O # 21150699																																																																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																																																																								
Sampled by: Andrew Franco																																																																								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.																																																																
Andrew Franco		2/17/25	4:30 PM	Kerime Afame		2/18/25	9:00																																																																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																																																																	
Kerime Afame		2/18/25	1:50	Michelle Gonzales		2-18-25	1350																																																																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>																																																																
Michelle Gonzales		2-18-25	1700	Kerime Afame		2-18-25	1700																																																																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																																																																
Kerime Afame		2-18-25	2:300	Michelle R. Hill		2-19-25	0500																																																																	
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.																																																																								

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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 Thistle 15 CTB 2				Address:				E502165		01058-0007					X	X			
Project Manager: Lynsey Coons				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (575)318-7532				Miscellaneous: Project No. #170-2															
Email: Lynsey@pimaoil.com																			
Sample Information												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	SDWA	CWA	RCRA	
9:14	2/17/2025	S		S3-SURFACE		11						X							
9:17				S3-1'		12													
9:22				S3-2'		13													
9:27				S3-3'		14													
9:30				S3-4'		15													
9:32				S4-SURFACE		16													
9:37				S4-1'		17													
9:39				S4-2'		18													
9:44				S4-3'		19													
9:50				S4-4'		20													
Additional Instructions: W/O # 21150699																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.  Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N  T1 _____ T2 _____ T3 _____  AVG Temp oC <u>4</u>							
Andrew Franco		2/17/25		4:30		Yasmine Adame		2/18/25		9:00									
Yasmine Adame		2/18/25		1:50		Michelle Gonzales		2-18-25		1350									
Michelle Gonzales		2-18-25		1700		John H.		2-18-25		1700									
John H.		2-18-25		2:30		Kathryn R. Heek		2-19-25		0500									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 2/19/2025 8:14:34AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	02/19/25 05:00	Work Order ID:	E502165
Phone:	(575) 631-6977	Date Logged In:	02/18/25 16:23	Logged In By:	Noe Soto
Email:	lynsey@pimaoil.com	Due Date:	02/25/25 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: Courier

**Comments/Resolution**

No. of containers not provided on COC by client. Project North Thistle 15 CTB 2 has been separated into multiple WOs due to high sample volume, WOs are E502165-E502170.

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

- 7. Was a sample cooler received? Yes
  - 8. If yes, was cooler received in good condition? Yes
  - 9. Was the sample(s) received intact, i.e., not broken? Yes
  - 10. Were custody/security seals present? No
  - 11. If yes, were custody/security seals intact? NA
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.



Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E502166

Job Number: 01058-0007

Received: 2/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/25/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 2/25/25



Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247

Project Name: North Thistle 15 CTB 2  
Workorder: E502166  
Date Received: 2/19/2025 5:00:26AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/19/2025 5:00:26AM, 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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[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 02/25/25 07:54
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5-SURFACE	E502166-01A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S5-1'	E502166-02A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S5-2'	E502166-03A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S5-3'	E502166-04A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S5-4'	E502166-05A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S6-SURFACE	E502166-06A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S6-1'	E502166-07A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S6-2'	E502166-08A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S6-3'	E502166-09A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S6-4'	E502166-10A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S7-SURFACE	E502166-11A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S7-1'	E502166-12A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S7-2'	E502166-13A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S7-3'	E502166-14A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S7-4'	E502166-15A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S8-SURFACE	E502166-16A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S8-1'	E502166-17A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S8-2'	E502166-18A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S8-3'	E502166-19A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S8-4'	E502166-20A	Soil	02/17/25	02/19/25	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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**S5-SURFACE**

**E502166-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	123	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	68.1	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S5-1'

E502166-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S5-2'

E502166-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	





### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S5-3'

E502166-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		97.5 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		97.5 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S5-4'

E502166-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		96.6 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		96.6 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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**S6-SURFACE**

**E502166-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		97.2 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	<b>240</b>	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	<b>107</b>	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	<b>46.4</b>	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S6-1'

E502166-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		96.6 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		96.6 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S6-2'

E502166-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/19/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/19/25	
Toluene	ND	0.0250	1	02/19/25	02/19/25	
o-Xylene	ND	0.0250	1	02/19/25	02/19/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/19/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/19/25	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	02/19/25	02/19/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/19/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/19/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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**S6-3'**

**E502166-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S6-4'

E502166-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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**S7-SURFACE**

**E502166-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	





### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S7-1'

E502166-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S7-2'

E502166-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S7-3'

E502166-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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S7-4'

E502166-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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**S8-SURFACE**

**E502166-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	50.7	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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**S8-1'**

**E502166-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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**S8-2'**

**E502166-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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**S8-3'**

**E502166-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	





### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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**S8-4'**

**E502166-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508057
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2508064
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2508061
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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#### Volatile Organic Compounds by EPA 8260B

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 (2508057-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.525		0.500		105	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

#### LCS (2508057-BS1)

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

Benzene	2.29	0.0250	2.50		91.6	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.3	70-130			
Toluene	2.40	0.0250	2.50		96.1	70-130			
o-Xylene	2.45	0.0250	2.50		98.1	70-130			
p,m-Xylene	4.84	0.0500	5.00		96.7	70-130			
Total Xylenes	7.29	0.0250	7.50		97.2	70-130			
Surrogate: Bromofluorobenzene	0.484		0.500		96.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.527		0.500		105	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

#### Matrix Spike (2508057-MS1)

Source: E502166-06

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

Benzene	2.32	0.0250	2.50	ND	92.9	48-131			
Ethylbenzene	2.43	0.0250	2.50	ND	97.2	45-135			
Toluene	2.42	0.0250	2.50	ND	96.7	48-130			
o-Xylene	2.48	0.0250	2.50	ND	99.1	43-135			
p,m-Xylene	4.90	0.0500	5.00	ND	98.0	43-135			
Total Xylenes	7.38	0.0250	7.50	ND	98.4	43-135			
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.530		0.500		106	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

#### Matrix Spike Dup (2508057-MSD1)

Source: E502166-06

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

Benzene	2.32	0.0250	2.50	ND	93.0	48-131	0.108	23	
Ethylbenzene	2.47	0.0250	2.50	ND	98.6	45-135	1.41	27	
Toluene	2.47	0.0250	2.50	ND	98.7	48-130	2.05	24	
o-Xylene	2.56	0.0250	2.50	ND	102	43-135	3.41	27	
p,m-Xylene	5.05	0.0500	5.00	ND	101	43-135	3.08	27	
Total Xylenes	7.62	0.0250	7.50	ND	102	43-135	3.19	27	
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.528		0.500		106	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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#### 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 (2508057-BLK1)**

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.525		0.500		105	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

**LCS (2508057-BS2)**

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

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.7	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

**Matrix Spike (2508057-MS2)**

Source: E502166-06

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

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.6	70-130			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.536		0.500		107	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

**Matrix Spike Dup (2508057-MSD2)**

Source: E502166-06

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

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.7	70-130	1.11	20	
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2508064-BLK1)**

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.1		50.0		104	61-141			

**LCS (2508064-BS1)**

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

Diesel Range Organics (C10-C28)	296	25.0	250		118	66-144			
Surrogate: n-Nonane	52.5		50.0		105	61-141			

**Matrix Spike (2508064-MS1)**

Source: E502166-12

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

Diesel Range Organics (C10-C28)	302	25.0	250	ND	121	56-156			
Surrogate: n-Nonane	53.2		50.0		106	61-141			

**Matrix Spike Dup (2508064-MSD1)**

Source: E502166-12

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

Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	56-156	2.10	20	
Surrogate: n-Nonane	54.3		50.0		109	61-141			



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 7:54:37AM
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#### Anions by EPA 300.0/9056A

Analyst: JM

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 (2508061-BLK1)**

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

Chloride ND 20.0

**LCS (2508061-BS1)**

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

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2508061-MS1)**

Source: E502166-06

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

Chloride 303 20.0 250 46.4 103 80-120

**Matrix Spike Dup (2508061-MSD1)**

Source: E502166-06

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

Chloride 335 20.0 250 46.4 116 80-120 10.0 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	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	02/25/25 07:54

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 Thistle 15 CTB 2				Address:				E502166		01058-0007					X	X																																																		
Project Manager: Lynsey Coons				City, State, Zip:				<table border="1"> <thead> <tr> <th colspan="8">Analysis and Method</th> <th colspan="3">EPA Program</th> </tr> <tr> <td>DRO/DRO by 8015</td> <td>SRO/DRO by 8015</td> <td>BTEX by 8021</td> <td>VOC by 8260</td> <td>Chloride 300.0</td> <td>BGDOC - NM</td> <td>TCEQ 1005 - TX</td> <td>RCRA 8 Metals</td> <td>Carbon/Anion Pkg</td> <td>SDWA</td> <td>CWA</td> <td>RCRA</td> </tr> <tr> <td colspan="9">Compliance</td> <td>Y</td> <td>or</td> <td>N</td> </tr> <tr> <td colspan="9">PWSID #</td> <td colspan="3">Remarks</td> </tr> </thead> </table>								Analysis and Method								EPA Program			DRO/DRO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	SDWA	CWA	RCRA	Compliance									Y	or	N	PWSID #									Remarks						
Analysis and Method																EPA Program																																																		
DRO/DRO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals									Carbon/Anion Pkg	SDWA	CWA	RCRA																																															
Compliance																Y	or	N																																																
PWSID #									Remarks																																																									
Address: 5614 N Lovington Hwy				Phone:																																																														
City, State, Zip: Hobbs, NM 88240				Email:																																																														
Phone: (575)318-7532				Miscellaneous: Project No. #170-2																																																														
Email: Lynsey@pimaoil.com																																																																		
Sample Information																																																																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	Remarks																																																		
9:55	2/17/2025	S		S5-SURFACE		1						X																																																						
10:00				S5-1'		2																																																												
10:04				S5-2'		3																																																												
10:09				S5-3'		4																																																												
10:11				S5-4'		5																																																												
10:17				S6-SURFACE		6																																																												
10:25				S6-1'		7																																																												
10:30				S6-2'		8																																																												
10:38				S6-3'		9																																																												
10:44				S6-4'		10																																																												
Additional Instructions: W/O # 21150699																																																																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																																																																		
Sampled by: Andrew Franco																																																																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.																																																										
Andrew Franco		2/17/25	4:30	Kunime Horne		2/18/25	9:00																																																											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																																																											
Kunime Horne		2/18/25	1:50	Michelle Gonzales		2/18/25	1:50																																																											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> / N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>																																																										
Michelle Gonzales		2-18-25	1700	John H.		2-18-25	1700																																																											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																																																										
John H.		2-18-25	2300	Kunime Horne		2-19-25	0500																																																											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																																																																		
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 Thistle 15 CTB 2				Address:				E502166		01058-0001					X	X				
Project Manager: Lynsey Coons				City, State, Zip:																
Address: 5614 N Lovington Hwy				Phone:																
City, State, Zip: Hobbs, NM 88240				Email:																
Phone: (575)318-7532				Miscellaneous: Project No. #170-2																
Email: Lynsey@pimaoil.com																				
Sample Information												Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA		
																Compliance	Y	or	N	
																PWSID #				
																Remarks				
10:47	2/17/2025	S		S7-SURFACE		11						X								
10:49				S7-1'		12														
10:53				S7-2'		13														
10:59				S7-3'		14														
11:03				S7-4'		15														
11:10				S8-SURFACE		16														
11:16				S8-1'		17														
11:19				S8-2'		18														
11:22				S8-3'		19														
11:26				S8-4'		20														
Additional Instructions: W/O # 21150699																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by: Andrew Franco																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.								
Andrew Franco		2/17/25		4:30		Karime Harne		2/18/25		9:00										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Karime Harne		2/18/25		1:50		Michelle Gonzales		2-18-25		1350										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>								
Michelle Gonzales		2-18-25		1700		John H.		2.18.25		1700										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
John H.		2.18.25		2300		Mindy K. Hill		2-19-25		0500										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



Envirotech Analytical Laboratory

Printed: 2/19/2025 8:16:08AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad Date Received: 02/19/25 05:00 Work Order ID: E502166
Phone: (575) 631-6977 Date Logged In: 02/18/25 16:25 Logged In By: Noe Soto
Email: lynsey@pimaoil.com Due Date: 02/25/25 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: Courier

Comments/Resolution

No. of containers not provided on COC by client. Project North Thistle 15 CTB 2 has been separated into multiple WOs due to high sample volume, WOs are E502165-E502170.

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C Yes
Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

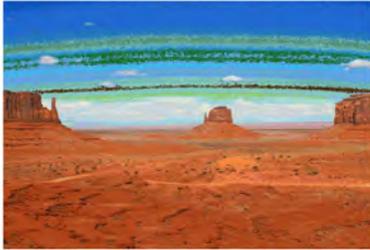
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E502167

Job Number: 01058-0007

Received: 2/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/25/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 2/25/25



Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247

Project Name: North Thistle 15 CTB 2  
Workorder: E502167  
Date Received: 2/19/2025 5:00:26AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/19/2025 5:00:26AM, 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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[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
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Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 02/25/25 14:23
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S9-SURFACE	E502167-01A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S9-1'	E502167-02A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S9-2'	E502167-03A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S9-3'	E502167-04A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S9-4'	E502167-05A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S10-SURFACE	E502167-06A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S10-1'	E502167-07A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S10-2'	E502167-08A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S10-3'	E502167-09A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S10-4'	E502167-10A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S11-SURFACE	E502167-11A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S11-1'	E502167-12A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S11-2'	E502167-13A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S11-3'	E502167-14A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S11-4'	E502167-15A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S12-SURFACE	E502167-16A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S12-1'	E502167-17A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S12-2'	E502167-18A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S12-3'	E502167-19A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S12-4'	E502167-20A	Soil	02/17/25	02/19/25	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S9-SURFACE**

**E502167-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.5 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		80.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		86.9 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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S9-1'

E502167-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.0 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		87.4 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	





### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S9-2'**

**E502167-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		86.1 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.2 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>						
		87.4 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S9-3'**

**E502167-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		85.9 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.9 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		88.9 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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S9-4'

E502167-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		85.1 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>						
		88.3 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S10-SURFACE**

**E502167-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.2 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.6 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		88.2 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S10-1'**

**E502167-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		85.0 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.5 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		84.6 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S10-2'**

**E502167-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		84.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		81.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>						
		85.2 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S10-3'**

**E502167-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		84.2 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.2 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		85.5 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S10-4'**

**E502167-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		83.9 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.4 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>						
		87.9 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	





### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S11-SURFACE**

**E502167-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.2 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	37.0	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		91.4 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S11-1'**

**E502167-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		83.7 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.8 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>		87.2 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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S11-2'

E502167-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		82.2 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.2 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/19/25	
<i>Surrogate: n-Nonane</i>						
		90.6 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S11-3'**

**E502167-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		81.7 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.3 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		89.7 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S11-4'**  
**E502167-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		81.6 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.8 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		87.2 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S12-SURFACE**

**E502167-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		84.2 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.1 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	36.0	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>						
		89.4 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S12-1'**  
**E502167-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		82.2 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.9 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		89.9 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S12-2'**  
**E502167-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		81.6 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.3 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		88.6 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	





### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S12-3'**

**E502167-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		81.1 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.4 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		90.9 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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**S12-4'**

**E502167-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		80.7 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.3 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508065
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		88.1 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2508072
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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#### 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 (2508058-BLK1)

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.56		8.00		82.0	70-130			

#### LCS (2508058-BS1)

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	6.18	0.0250	5.00		124	70-130			
Ethylbenzene	5.97	0.0250	5.00		119	70-130			
Toluene	6.10	0.0250	5.00		122	70-130			
o-Xylene	5.92	0.0250	5.00		118	70-130			
p,m-Xylene	12.1	0.0500	10.0		121	70-130			
Total Xylenes	18.0	0.0250	15.0		120	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.5	70-130			

#### Matrix Spike (2508058-MS1)

Source: E502167-05

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	6.02	0.0250	5.00	ND	120	54-133			
Ethylbenzene	5.81	0.0250	5.00	ND	116	61-133			
Toluene	5.94	0.0250	5.00	ND	119	61-130			
o-Xylene	5.77	0.0250	5.00	ND	115	63-131			
p,m-Xylene	11.8	0.0500	10.0	ND	118	63-131			
Total Xylenes	17.6	0.0250	15.0	ND	117	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.9	70-130			

#### Matrix Spike Dup (2508058-MSD1)

Source: E502167-05

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	5.32	0.0250	5.00	ND	106	54-133	12.4	20	
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133	12.5	20	
Toluene	5.25	0.0250	5.00	ND	105	61-130	12.4	20	
o-Xylene	5.16	0.0250	5.00	ND	103	63-131	11.3	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	12.1	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	11.9	20	
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.7	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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#### 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 (2508058-BLK1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.45		8.00		80.6	70-130			

**LCS (2508058-BS2)**

Prepared: 02/19/25 Analyzed: 02/24/25

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

**Matrix Spike (2508058-MS2)**

Source: E502167-05

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	39.9	20.0	50.0	ND	79.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.64		8.00		83.0	70-130			

**Matrix Spike Dup (2508058-MSD2)**

Source: E502167-05

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	39.6	20.0	50.0	ND	79.3	70-130	0.674	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.69		8.00		83.6	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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#### 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 (2508065-BLK1)**

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.9		50.0		85.8	61-141			

**LCS (2508065-BS1)**

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

Diesel Range Organics (C10-C28)	226	25.0	250		90.5	66-144			
Surrogate: n-Nonane	43.2		50.0		86.3	61-141			

**Matrix Spike (2508065-MS1)**

Source: E502167-15

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

Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.4	56-156			
Surrogate: n-Nonane	43.4		50.0		86.7	61-141			

**Matrix Spike Dup (2508065-MSD1)**

Source: E502167-15

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

Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.1	56-156	0.305	20	
Surrogate: n-Nonane	43.4		50.0		86.8	61-141			



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:23:28PM
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#### Anions by EPA 300.0/9056A

Analyst: JM

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 (2508072-BLK1)**

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

Chloride ND 20.0

**LCS (2508072-BS1)**

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

Chloride 254 20.0 250 101 90-110

**Matrix Spike (2508072-MS1)**

Source: E502167-07

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

Chloride 258 20.0 250 ND 103 80-120

**Matrix Spike Dup (2508072-MSD1)**

Source: E502167-07

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

Chloride 258 20.0 250 ND 103 80-120 0.102 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	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	02/25/25 14:23

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

Released to Imaging: 1/21/2026 1:39:29 PM

Received by OCD: 1/14/2026 11:29:38 AM

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 Thistle 15 CTB 2				Address:				E 502167		01058-0007					X	X					
Project Manager: Lynsey Coons				City, State, Zip:												EPA Program					
Address: 5614 N Lovington Hwy				Phone:												SDWA		CWA		RCRA	
City, State, Zip: Hobbs, NM 88240				Email:												Compliance		Y		or N	
Phone: (575)318-7532				Miscellaneous: Project No. #170-2												PWSID #					
Email: Lynsey@pimaoil.com																Remarks					
Sample Information																					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	PCED 1005 - TX	PCRA 8 Metals	Carbon/Anion Plg						
11:33	2/17/2025	S		S9-SURFACE		1						X									
11:37				S9-1'		2															
11:39				S9-2'		3															
11:44				S9-3'		4															
11:47				S9-4'		5															
11:49				S10-SURFACE		6															
11:55				S10-1'		7															
11:59				S10-2'		8															
12:03				S10-3'		9															
12:07				S10-4'		10															
<b>Additional Instructions: W/O # 21150699</b>																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Andrew Franco																					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days. <b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>									
Andrew Franco		2/17/25		4:30		Karinne Thomas		2/18/25		9:00											
Karinne Thomas		2/18/25		1:50		Michelle Gonzales		2-18-25		1350											
Michelle Gonzales		2-18-25		1700		John St.		2-18-25		1700											
John St.		2-18-25		2300		Miguel R. Hernandez		2-19-25		0500											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					



Released to Imaging: 1/21/2026 1:39:29 PM

Received by OCD: 1/14/2026 11:29:38 AM

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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 Thistle 15 CTB 2				Address:				E502167		01058-0007					X	X			
Project Manager: Lynsey Coons				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (575)318-7532				Miscellaneous: Project No. #170-2															
Email: Lynsey@pimaoil.com																			
Sample Information												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCED 1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	SDWA	CWA	RCRA	
12:10	2/17/2025	S		S11-SURFACE		11						X							
12:15				S11-1'		12													
12:18				S11-2'		13													
12:20				S11-3'		14													
12:25				S11-4'		15													
12:30				S12-SURFACE		16													
12:33				S12-1'		17													
12:36				S12-2'		18													
12:39				S12-3'		19													
12:40				S12-4'		20													
Additional Instructions: W/O # 21150699																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.							
Andrew Franco		2/17/25		4:30		Karine Hame		2/18/25		9:00		Lab Use Only							
Karine Hame		2/18/25		1:50		Michelle Gonzales		2-18-25		1350		Received on ice: <input checked="" type="checkbox"/> Y / N							
Michelle Gonzales		2-18-25		1700		John M.		2-18-25		1700		T1 _____ T2 _____ T3 _____							
John M.		2-18-25		2300		Nyahya L Hill		2-19-25		0500		AVG Temp oC <u>4</u>							
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.																			

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Envirotech Analytical Laboratory

Printed: 2/19/2025 8:17:56AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	02/19/25 05:00	Work Order ID:	E502167
Phone:	(575) 631-6977	Date Logged In:	02/18/25 16:25	Logged In By:	Noe Soto
Email:	lynsey@pimaoil.com	Due Date:	02/25/25 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

Carrier: Courier

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

**Comments/Resolution**

No. of containers not provided on COC by client. Project North Thistle 15 CTB 2 has been separated into multiple WOs due to high sample volume, WOs are E502165-E502170.

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E502168

Job Number: 01058-0007

Received: 2/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/25/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 2/25/25

Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247

Project Name: North Thistle 15 CTB 2  
Workorder: E502168  
Date Received: 2/19/2025 5:00:26AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/19/2025 5:00:26AM, 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  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 02/25/25 14:31
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S13-SURFACE	E502168-01A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S13-1'	E502168-02A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S13-2'	E502168-03A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S13-3'	E502168-04A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
S13-4'	E502168-05A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW1-SURFACE	E502168-06A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW1-1'	E502168-07A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW1-2'	E502168-08A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW1-3'	E502168-09A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW1-4'	E502168-10A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW2-SURFACE	E502168-11A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW2-1'	E502168-12A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW2-2'	E502168-13A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW2-3'	E502168-14A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW2-4'	E502168-15A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW3-SURFACE	E502168-16A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW3-1'	E502168-17A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW3-2'	E502168-18A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW3-3'	E502168-19A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW3-4'	E502168-20A	Soil	02/17/25	02/19/25	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**S13-SURFACE**

**E502168-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		90.8 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: DT		Batch: 2508074
Chloride	105	20.0	1	02/19/25	02/20/25	





### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**S13-1'**

**E502168-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	29.1	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		90.9 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**S13-2'**

**E502168-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		88.5 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**S13-3'**

**E502168-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		91.9 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**S13-4'**

**E502168-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		89.0 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW1-SURFACE**

**E502168-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		90.6 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/19/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW1-1'**

**E502168-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		94.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		94.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		88.8 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW1-2'**

**E502168-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		88.3 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW1-3'**

**E502168-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		86.1 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW1-4'**

**E502168-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		86.0 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW2-SURFACE**

**E502168-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		87.9 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW2-1'**

**E502168-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		89.2 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW2-2'**

**E502168-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		88.1 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW2-3'**

**E502168-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		88.6 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW2-4'**

**E502168-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		85.8 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW3-SURFACE**

**E502168-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		86.6 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW3-1'**

**E502168-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		90.9 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW3-2'**

**E502168-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		86.9 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW3-3'**

**E502168-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		89.0 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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**SW3-4'**

**E502168-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2508059
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2508071
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		89.7 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508074
Chloride	ND	20.0	1	02/19/25	02/20/25	



### 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: Lynsey Coons	Reported: 2/25/2025 2:31:15PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

#### Blank (2508059-BLK1)

Prepared: 02/19/25 Analyzed: 02/20/25

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	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

#### LCS (2508059-BS1)

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	2.11	0.0250	2.50		84.4	70-130			
Ethylbenzene	2.26	0.0250	2.50		90.3	70-130			
Toluene	2.26	0.0250	2.50		90.2	70-130			
o-Xylene	2.36	0.0250	2.50		94.4	70-130			
p,m-Xylene	4.67	0.0500	5.00		93.3	70-130			
Total Xylenes	7.03	0.0250	7.50		93.7	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

#### Matrix Spike (2508059-MS1)

Source: E502168-08

Prepared: 02/19/25 Analyzed: 02/24/25

Benzene	2.44	0.0250	2.50	ND	97.4	48-131			
Ethylbenzene	2.31	0.0250	2.50	ND	92.3	45-135			
Toluene	2.33	0.0250	2.50	ND	93.2	48-130			
o-Xylene	2.49	0.0250	2.50	ND	99.6	43-135			
p,m-Xylene	4.90	0.0500	5.00	ND	98.0	43-135			
Total Xylenes	7.39	0.0250	7.50	ND	98.5	43-135			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

#### Matrix Spike Dup (2508059-MSD1)

Source: E502168-08

Prepared: 02/19/25 Analyzed: 02/24/25

Benzene	2.34	0.0250	2.50	ND	93.5	48-131	4.11	23	
Ethylbenzene	2.24	0.0250	2.50	ND	89.6	45-135	2.93	27	
Toluene	2.25	0.0250	2.50	ND	90.1	48-130	3.34	24	
o-Xylene	2.41	0.0250	2.50	ND	96.5	43-135	3.16	27	
p,m-Xylene	4.74	0.0500	5.00	ND	94.7	43-135	3.41	27	
Total Xylenes	7.15	0.0250	7.50	ND	95.3	43-135	3.33	27	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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#### 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 (2508059-BLK1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

**LCS (2508059-BS2)**

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.533		0.500		107	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

**Matrix Spike (2508059-MS2)**

Source: E502168-08

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	54.0	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.548		0.500		110	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

**Matrix Spike Dup (2508059-MSD2)**

Source: E502168-08

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	54.3	20.0	50.0	ND	109	70-130	0.540	20	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.530		0.500		106	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
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#### 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 (2508071-BLK1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.1		50.0		90.2	61-141			

**LCS (2508071-BS1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	234	25.0	250		93.5	66-144			
Surrogate: n-Nonane	43.0		50.0		86.1	61-141			

**Matrix Spike (2508071-MS1)**

Source: E502168-16

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.0	56-156			
Surrogate: n-Nonane	45.2		50.0		90.4	61-141			

**Matrix Spike Dup (2508071-MSD1)**

Source: E502168-16

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	56-156	1.72	20	
Surrogate: n-Nonane	45.7		50.0		91.4	61-141			



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:31:15PM
---	---	---

#### Anions by EPA 300.0/9056A

Analyst: DT

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

**Blank (2508074-BLK1)**

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

Chloride ND 20.0

**LCS (2508074-BS1)**

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

Chloride 253 20.0 250 101 90-110

**Matrix Spike (2508074-MS1)**

Source: E502168-06

Prepared: 02/19/25 Analyzed: 02/20/25

Chloride 256 20.0 250 ND 102 80-120

**Matrix Spike Dup (2508074-MSD1)**

Source: E502168-06

Prepared: 02/19/25 Analyzed: 02/20/25

Chloride 256 20.0 250 ND 102 80-120 0.110 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	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	02/25/25 14:31

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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





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 Thistle 15 CTB 2				Address:				E 502168		01058-0007					X	X																																																												
Project Manager: Lynsey Coons				City, State, Zip:				<table border="1"> <thead> <tr> <th colspan="8">Analysis and Method</th> <th colspan="4">EPA Program</th> </tr> <tr> <td>DRO/DRO by 8015</td> <td>GRO/DRO by 8015</td> <td>BTEX by 8021</td> <td>VOC by 8260</td> <td>Chloride 300.0</td> <td>BGDOC - NM</td> <td>TCEQ 1005 - TX</td> <td>RCRA 8 Metals</td> <td>Carbon/Anion Plg</td> <td>SDWA</td> <td>CWA</td> <td>RCRA</td> <td colspan="2">Compliance</td> <td>Y</td> <td>or</td> <td>N</td> </tr> <tr> <td colspan="8"></td> <td colspan="4">PWSID #</td> </tr> <tr> <td colspan="12"></td> <td colspan="4">Remarks</td> </tr> </thead> </table>												Analysis and Method								EPA Program				DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Plg	SDWA	CWA	RCRA	Compliance		Y	or	N									PWSID #																Remarks			
Analysis and Method																				EPA Program																																																								
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals													Carbon/Anion Plg	SDWA	CWA	RCRA	Compliance		Y	or	N																																																
																				PWSID #																																																								
												Remarks																																																																
Address: 5614 N Lovington Hwy				Phone:																																																																								
City, State, Zip: Hobbs, NM 88240				Email:																																																																								
Phone: (575)318-7532				Miscellaneous: Project No. #170-2																																																																								
Email: lynsey@pimaoil.com																																																																												
Sample Information																																																																												
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Plg																																																													
12:43	2/17/2025	S		S13-SURFACE		1							X																																																															
12:46				S13-1'		2																																																																						
12:49				S13-2'		3																																																																						
12:52				S13-3'		4																																																																						
12:58				S13-4'		5																																																																						
1:03				SW1-SURFACE		6																																																																						
1:09				SW1-1'		7																																																																						
1:10				SW1-2'		8																																																																						
1:11				SW1-3'		9																																																																						
1:15				SW1-4'		10																																																																						
Additional Instructions: W/O # 21150699																																																																												
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																																																																												
Sampled by: Andrew Franco																																																																												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.																																																																				
Andrew Franco		2/17/25	9:30	Kerime Hame		2/18/25	9:00																																																																					
Kerime Hame		2/18/25	1:50	Michelle Gonzales		2-18-25	1350																																																																					
Michelle Gonzales		2-18-25	1700	L. H.		2-18-25	1700																																																																					
L. H.		2-18-25	2300	Kerime Hame		2-19-25	0500	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>																																																																				
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.																																																																												

Chain of Custody

Released to Imaging: 1/21/2026 1:39:29 PM

Received by OCD: 1/14/2026 11:29:38 AM

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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 Thistle 15 CTB 2				Address:				E502168		01058-0007					X	X			
Project Manager: Lynsey Coons				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (575)318-7532				Miscellaneous: Project No. #170-2															
Email: Lynsey@pimaoil.com																			
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ.1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	SDWA	CWA	RCRA	
1:19	2/17/2025	S		SW2-SURFACE		11						X							
1:22				SW2-1'		12													
1:28				SW2-2'		13													
1:33				SW2-3'		14													
1:38				SW2-4'		15													
1:40				SW3-SURFACE		16													
1:44				SW3-1'		17													
1:48				SW3-2'		18													
1:53				SW3-3'		19													
1:59				SW3-4'		20													
Additional Instructions: W/O # 21150699																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.							
Andrew Franco		2/17/25		4:30		Karime Adams		2/18/25		9:00									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Karime Adams		2/18/25		1:50		Michelle Gonzales		2-18-25		1350									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC 4							
Michelle Gonzales		2/18/25		1700		[Signature]		2.18.25		1700									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
[Signature]		2.18.25		2300		[Signature]		2-19-25		0500									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

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Envirotech Analytical Laboratory

Printed: 2/19/2025 8:19:23AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	02/19/25 05:00	Work Order ID:	E502168
Phone:	(575) 631-6977	Date Logged In:	02/18/25 16:26	Logged In By:	Noe Soto
Email:	lynsey@pimaoil.com	Due Date:	02/25/25 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

Carrier: Courier

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

**Comments/Resolution**

No. of containers not provided on COC by client. Project North Thistle 15 CTB 2 has been separated into multiple WOs due to high sample volume, WOs are E502165-E502170.

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E502169

Job Number: 01058-0007

Received: 2/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/25/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 2/25/25



Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247

Project Name: North Thistle 15 CTB 2  
Workorder: E502169  
Date Received: 2/19/2025 5:00:26AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/19/2025 5:00:26AM, 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  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

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Laboratory Technical Representative  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 02/25/25 14:48
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW4-SURFACE	E502169-01A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW4-1'	E502169-02A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW4-2'	E502169-03A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW4-3'	E502169-04A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW4-4'	E502169-05A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW5-SURFACE	E502169-06A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW5-1'	E502169-07A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW5-2'	E502169-08A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW5-3'	E502169-09A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW5-4'	E502169-10A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW6-SURFACE	E502169-11A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW6-1'	E502169-12A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW6-2'	E502169-13A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW6-3'	E502169-14A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW6-4'	E502169-15A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW7-SURFACE	E502169-16A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW7-1'	E502169-17A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW7-2'	E502169-18A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW7-3'	E502169-19A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW7-4'	E502169-20A	Soil	02/17/25	02/19/25	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
---	---	---

**SW4-SURFACE**

**E502169-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		82.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
---	---	---

**SW4-1'**

**E502169-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		80.4 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW4-2'**

**E502169-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		79.9 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.7 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW4-3'**

**E502169-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		78.8 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.4 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW4-4'**

**E502169-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		78.6 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.8 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW5-SURFACE**

**E502169-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		78.8 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW5-1'**

**E502169-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		78.7 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.4 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>						
		109 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW5-2'**

**E502169-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		78.4 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.7 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW5-3'**

**E502169-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		78.0 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.6 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW5-4'**

**E502169-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		77.5 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW6-SURFACE**

**E502169-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		79.7 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.6 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW6-1'**

**E502169-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		80.4 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.1 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW6-2'**

**E502169-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		80.5 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.0 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW6-3'**

**E502169-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		81.0 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.0 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW6-4'**

**E502169-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		81.0 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW7-SURFACE**

**E502169-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		82.0 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.7 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW7-1'**

**E502169-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		82.0 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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SW7-2'

E502169-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		83.3 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.3 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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SW7-3'

E502169-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		82.9 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.2 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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**SW7-4'**

**E502169-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Benzene	ND	0.0250	1	02/19/25	02/21/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/21/25	
Toluene	ND	0.0250	1	02/19/25	02/21/25	
o-Xylene	ND	0.0250	1	02/19/25	02/21/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/21/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		82.4 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.1 %	70-130	02/19/25	02/21/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2508076
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: AK		Batch: 2508075
Chloride	ND	20.0	1	02/19/25	02/20/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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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 (2508060-BLK1)

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.68		8.00		83.5	70-130			

#### LCS (2508060-BS1)

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	5.27	0.0250	5.00		105	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.78		8.00		84.7	70-130			

#### Matrix Spike (2508060-MS1)

Source: E502169-01

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	5.17	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.96	0.0250	5.00	ND	99.3	61-133			
Toluene	5.08	0.0250	5.00	ND	102	61-130			
o-Xylene	4.94	0.0250	5.00	ND	98.8	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	99.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.70		8.00		83.7	70-130			

#### Matrix Spike Dup (2508060-MSD1)

Source: E502169-01

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	5.08	0.0250	5.00	ND	102	54-133	1.64	20	
Ethylbenzene	4.87	0.0250	5.00	ND	97.5	61-133	1.79	20	
Toluene	5.00	0.0250	5.00	ND	99.9	61-130	1.67	20	
o-Xylene	4.88	0.0250	5.00	ND	97.6	63-131	1.20	20	
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	63-131	1.49	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	63-131	1.39	20	
Surrogate: 4-Bromochlorobenzene-PID	6.66		8.00		83.2	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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#### 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 (2508060-BLK1)**

Prepared: 02/19/25 Analyzed: 02/20/25

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

**LCS (2508060-BS2)**

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.6	70-130			

**Matrix Spike (2508060-MS2)**

Source: E502169-01

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

**Matrix Spike Dup (2508060-MSD2)**

Source: E502169-01

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	44.2	20.0	50.0	ND	88.5	70-130	0.958	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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#### 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 (2508076-BLK1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.8		50.0		106	61-141			

**LCS (2508076-BS1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	295	25.0	250		118	66-144			
Surrogate: n-Nonane	52.4		50.0		105	61-141			

**Matrix Spike (2508076-MS1)**

Source: E502169-11

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	306	25.0	250	ND	122	56-156			
Surrogate: n-Nonane	55.1		50.0		110	61-141			

**Matrix Spike Dup (2508076-MSD1)**

Source: E502169-11

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	305	25.0	250	ND	122	56-156	0.281	20	
Surrogate: n-Nonane	54.2		50.0		108	61-141			



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 2:48:05PM
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#### Anions by EPA 300.0/9056A

Analyst: AK

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 (2508075-BLK1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Chloride	ND	20.0							
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**LCS (2508075-BS1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Chloride	257	20.0	250		103	90-110			
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**Matrix Spike (2508075-MS1)**

Source: E502169-03

Prepared: 02/19/25 Analyzed: 02/20/25

Chloride	256	20.0	250	ND	102	80-120			
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**Matrix Spike Dup (2508075-MSD1)**

Source: E502169-03

Prepared: 02/19/25 Analyzed: 02/20/25

Chloride	258	20.0	250	ND	103	80-120	0.853	20	
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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	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	02/25/25 14:48

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 Thistle 15 CTB 2				Address:				E502169		01058-0001					X	X																																														
Project Manager: Lynsey Coons				City, State, Zip:				<table border="1"> <thead> <tr> <th colspan="8">Analysis and Method</th> <th colspan="3">EPA Program</th> </tr> <tr> <td>DRO/ORO by 8015</td> <td>SRO/DRO by 8015</td> <td>BTEX by 8021</td> <td>VOC by 8260</td> <td>Chloride 300.0</td> <td>BGDOC - NM</td> <td>TCEQ 1005 - TX</td> <td>RCRA 8 Metals</td> <td>Carbon/Anion Pkg</td> <td>SDWA</td> <td>CWA</td> <td>RCRA</td> </tr> <tr> <td colspan="9">Compliance</td> <td>Y</td> <td>or</td> <td>N</td> </tr> <tr> <td colspan="9">PWSID #</td> <td colspan="3"></td> </tr> </thead> </table>								Analysis and Method								EPA Program			DRO/ORO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	SDWA	CWA	RCRA	Compliance									Y	or	N	PWSID #											
Analysis and Method																EPA Program																																														
DRO/ORO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals									Carbon/Anion Pkg	SDWA	CWA	RCRA																																											
Compliance																Y	or	N																																												
PWSID #																																																														
Address: 5614 N Lovington Hwy				Phone:																																																										
City, State, Zip: Hobbs, NM 88240				Email:																																																										
Phone: (575)318-7532				Miscellaneous: Project No. #170-2																																																										
Email: Lynsey@pimaoil.com																																																														
Sample Information																																																														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	Remarks																																														
2:02	2/17/2025	S		SW4-SURFACE		1						X																																																		
2:06				SW4-1'		2																																																								
2:09				SW4-2'		3																																																								
2:11				SW4-3'		4																																																								
2:14				SW4-4'		5																																																								
2:16				SW5-SURFACE		6																																																								
2:19				SW5-1'		7																																																								
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2:22				SW5-3'		9																																																								
2:28				SW5-4'		10																																																								
Additional Instructions: W/O # 21150699																																																														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																																																														
Sampled by: Andrew Franco																																																														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.																																																						
Andrew Franco		2/17/25	4:30	Karime Horne		2/18/25	9:00																																																							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																																																							
Karime Horne		2/18/25	1:50	Michelle Gonzales		2-18-25	1:50																																																							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>																																																						
Michelle Gonzales		2-18-25	1700	Andrew H.		2.18.25	1700																																																							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																																																							
Andrew H.		2.18.25	2300	Kuyshin K. Hov		2-19-25	0500																																																							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																																																														
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																																																														
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																																														

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 Thistle 15 CTB 2				Address:				E 502169		01058-0007					X	X			
Project Manager: Lynsey Coons				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (575)318-7532				Miscellaneous: Project No. #170-2															
Email: Lynsey@pimaoil.com																			
Sample Information												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCED 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
2:30	2/17/2025	S		SW6-SURFACE		11						X							
2:33				SW6-1'		12													
2:37				SW6-2'		13													
2:40				SW6-3'		14													
2:44				SW6-4'		15													
2:47				SW7-SURFACE		16													
2:50				SW7-1'		17													
2:53				SW7-2'		18													
2:58				SW7-3'		19													
3:09				SW7-4'		20													
Additional Instructions: W/O # 21150699																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature) Andrew Franco				Date 2/17/25		Time 4:30		Received by: (Signature) Karinne Abame				Date 2/18/25		Time 9:00		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.  Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N  T1 _____ T2 _____ T3 _____  AVG Temp oC 4			
Relinquished by: (Signature) Karinne Abame				Date 2/18/25		Time 1:50 PM		Received by: (Signature) Michelle Gonzales				Date 2-18-25		Time 1:35 0					
Relinquished by: (Signature) Michelle Gonzales				Date 2-18-25		Time 1700		Received by: (Signature) John J.				Date 2-18-25		Time 1700					
Relinquished by: (Signature) John J.				Date 2-18-25		Time 2:30 PM		Received by: (Signature) Karyn R. Hill				Date 2-19-25		Time 0500					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 2/19/2025 8:20:47AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad Date Received: 02/19/25 05:00 Work Order ID: E502169
Phone: (575) 631-6977 Date Logged In: 02/18/25 16:26 Logged In By: Noe Soto
Email: lynsey@pimaoil.com Due Date: 02/25/25 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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

Comments/Resolution

No. of containers not provided on COC by client. Project North Thistle 15 CTB 2 has been separated into multiple WOs due to high sample volume, WOs are E502165-E502170.

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

Date



envirotech Inc.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E502170

Job Number: 01058-0007

Received: 2/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/25/25

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 2/25/25



Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247

Project Name: North Thistle 15 CTB 2  
Workorder: E502170  
Date Received: 2/19/2025 5:00:26AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/19/2025 5:00:26AM, 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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[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

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**Michelle Gonzales**  
Client Representative  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 02/25/25 12:12
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW8-SURFACE	E502170-01A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW8-1'	E502170-02A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW8-2'	E502170-03A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW8-3'	E502170-04A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW8-4'	E502170-05A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW9-SURFACE	E502170-06A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW9-1'	E502170-07A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW9-2'	E502170-08A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW9-3'	E502170-09A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
SW9-4'	E502170-10A	Soil	02/17/25	02/19/25	Glass Jar, 2 oz.
BG1-1'	E502170-11A	Soil	02/17/25	02/19/25	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**SW8-SURFACE**

**E502170-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.9 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.9 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		98.7 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**SW8-1'**

**E502170-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.3 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		97.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.3 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		97.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**SW8-2'**

**E502170-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		94.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		94.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		99.6 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**SW8-3'**

**E502170-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		97.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		97.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		98.2 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**SW8-4'**

**E502170-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		94.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.6 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		94.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.6 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		98.6 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**SW9-SURFACE**

**E502170-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		93.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		97.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		93.9 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		97.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		98.7 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**SW9-1'**

**E502170-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		93.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		93.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		99.9 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**SW9-2'**

**E502170-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		93.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.0 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		93.6 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.0 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		98.1 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	





### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**SW9-3'**

**E502170-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		95.8 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**SW9-4'**

**E502170-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		94.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.1 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		94.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		96.1 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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**BG1-1'**

**E502170-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2508070
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	02/19/25	02/20/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	02/19/25	02/20/25	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508077
Diesel Range Organics (C10-C28)	ND	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2508082
Chloride	ND	20.0	1	02/19/25	02/20/25	



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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 (2508070-BLK1)

Prepared: 02/19/25 Analyzed: 02/20/25

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	0.480		0.500		96.0		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5		70-130		
Surrogate: Toluene-d8	0.496		0.500		99.1		70-130		

#### LCS (2508070-BS1)

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	2.32	0.0250	2.50		92.9		70-130		
Ethylbenzene	2.33	0.0250	2.50		93.2		70-130		
Toluene	2.26	0.0250	2.50		90.2		70-130		
o-Xylene	2.21	0.0250	2.50		88.5		70-130		
p,m-Xylene	4.44	0.0500	5.00		88.8		70-130		
Total Xylenes	6.65	0.0250	7.50		88.7		70-130		
Surrogate: Bromofluorobenzene	0.483		0.500		96.5		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4		70-130		
Surrogate: Toluene-d8	0.490		0.500		98.0		70-130		

#### Matrix Spike (2508070-MS1)

Source: E502170-03

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	2.35	0.0250	2.50	ND	93.8		48-131		
Ethylbenzene	2.34	0.0250	2.50	ND	93.7		45-135		
Toluene	2.29	0.0250	2.50	ND	91.6		48-130		
o-Xylene	2.25	0.0250	2.50	ND	90.0		43-135		
p,m-Xylene	4.48	0.0500	5.00	ND	89.5		43-135		
Total Xylenes	6.72	0.0250	7.50	ND	89.7		43-135		
Surrogate: Bromofluorobenzene	0.481		0.500		96.1		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3		70-130		
Surrogate: Toluene-d8	0.484		0.500		96.8		70-130		

#### Matrix Spike Dup (2508070-MSD1)

Source: E502170-03

Prepared: 02/19/25 Analyzed: 02/20/25

Benzene	2.46	0.0250	2.50	ND	98.2		48-131	4.58	23
Ethylbenzene	2.44	0.0250	2.50	ND	97.7		45-135	4.20	27
Toluene	2.38	0.0250	2.50	ND	95.3		48-130	3.92	24
o-Xylene	2.39	0.0250	2.50	ND	95.7		43-135	6.16	27
p,m-Xylene	4.76	0.0500	5.00	ND	95.2		43-135	6.16	27
Total Xylenes	7.15	0.0250	7.50	ND	95.4		43-135	6.16	27
Surrogate: Bromofluorobenzene	0.485		0.500		97.0		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100		70-130		
Surrogate: Toluene-d8	0.479		0.500		95.7		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: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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 (2508070-BLK1)

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			

#### LCS (2508070-BS2)

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130			

#### Matrix Spike (2508070-MS2)

Source: E502170-03

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.475		0.500		94.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			

#### Matrix Spike Dup (2508070-MSD2)

Source: E502170-03

Prepared: 02/19/25 Analyzed: 02/20/25

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.7	70-130	3.78	20	
Surrogate: Bromofluorobenzene	0.473		0.500		94.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	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: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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#### 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 (2508077-BLK1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.8	61-141			

**LCS (2508077-BS1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	278	25.0	250		111	66-144			
Surrogate: n-Nonane	48.9		50.0		97.8	61-141			

**Matrix Spike (2508077-MS1)**

Source: E502173-01

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	299	25.0	250	ND	120	56-156			
Surrogate: n-Nonane	52.0		50.0		104	61-141			

**Matrix Spike Dup (2508077-MSD1)**

Source: E502173-01

Prepared: 02/19/25 Analyzed: 02/20/25

Diesel Range Organics (C10-C28)	299	25.0	250	ND	120	56-156	0.0879	20	
Surrogate: n-Nonane	51.5		50.0		103	61-141			



### 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: Lynsey Coons	<b>Reported:</b> 2/25/2025 12:12:46PM
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#### Anions by EPA 300.0/9056A

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 (2508082-BLK1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Chloride ND 20.0

**LCS (2508082-BS1)**

Prepared: 02/19/25 Analyzed: 02/20/25

Chloride 258 20.0 250 103 90-110

**Matrix Spike (2508082-MS1)**

Source: E502170-06

Prepared: 02/19/25 Analyzed: 02/20/25

Chloride 258 20.0 250 ND 103 80-120

**Matrix Spike Dup (2508082-MSD1)**

Source: E502170-06

Prepared: 02/19/25 Analyzed: 02/20/25

Chloride 259 20.0 250 ND 104 80-120 0.132 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	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	02/25/25 12:12

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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





Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Pima Environmental Services, LLC				Company: Devon				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: North Thistle 15 CTB 2				Address:				E502170		01058-0001					X	X			
Project Manager: Lynsey Coons				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (575)318-7532				Miscellaneous: Project No. #170-2															
Email: Lynsey@pimaoil.com																			
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCOQ 1005 - TX	RCRA & Metals	Carbon/Amion Plg	SDWA	CWA	RCRA	
3:10	2/17/2025	S		SW8-SURFACE		1						X							
3:17				SW8-1'		2													
3:20				SW8-2'		3													
3:26				SW8-3'		4													
3:29				SW8-4'		5													
3:33				SW9-SURFACE		6													
3:37				SW9-1'		7													
3:39				SW9-2'		8													
3:40				SW9-3'		9													
3:44				SW9-4'		10													
Additional Instructions: W/O # 21150699																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature) Andrew Franco				Date 2/17/25		Time 4:30		Received by: (Signature) Kyrine Anne				Date 2/18/25		Time 9:00		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.			
Relinquished by: (Signature) Kyrine Anne				Date 2/18/25		Time 1:50		Received by: (Signature) Michelle Gonzales				Date 2-18-25		Time 1350					
Relinquished by: (Signature) Michelle Gonzales				Date 2/18/25		Time 1700		Received by: (Signature) John J.				Date 2-18-25		Time 1700					
Relinquished by: (Signature) John J.				Date 2-18-25		Time 2:30		Received by: (Signature) Kynsley C Hepp				Date 2-19-25		Time 0500					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



Envirotech Analytical Laboratory

Printed: 2/19/2025 8:22:05AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	02/19/25 05:00	Work Order ID:	E502170
Phone:	(575) 631-6977	Date Logged In:	02/18/25 16:26	Logged In By:	Noe Soto
Email:	lynsey@pimaoil.com	Due Date:	02/25/25 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: Courier

**Comments/Resolution**

No. of containers not provided on COC by client. Project North Thistle 15 CTB 2 has been separated into multiple WOs due to high sample volume, WOs are E502165-E502170.

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

- 7. Was a sample cooler received? Yes
  - 8. If yes, was cooler received in good condition? Yes
  - 9. Was the sample(s) received intact, i.e., not broken? Yes
  - 10. Were custody/security seals present? No
  - 11. If yes, were custody/security seals intact? NA
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E503194

Job Number: 01058-0007

Received: 3/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/28/25

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: 3/28/25



Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247

Project Name: North Thistle 15 CTB 2  
Workorder: E503194  
Date Received: 3/24/2025 8:00:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/24/2025 8:00:00AM, 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**  
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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 PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 03/28/25 14:15
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 -SURFACE -4' COMP.	E503194-01A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS2 -SURFACE -4' COMP.	E503194-02A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS3 -SURFACE -4' COMP.	E503194-03A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS4 -SURFACE -4' COMP.	E503194-04A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS5 -SURFACE -4' COMP.	E503194-05A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS6 -SURFACE -4' COMP.	E503194-06A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS7 -SURFACE -4' COMP.	E503194-07A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS8 -SURFACE -4' COMP.	E503194-08A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS9 -SURFACE -4' COMP.	E503194-09A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS10 -SURFACE -4' COMP.	E503194-10A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS11 -SURFACE -4' COMP.	E503194-11A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS12 -SURFACE -4' COMP.	E503194-12A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS13 -SURFACE -4' COMP.	E503194-13A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS14 -SURFACE -4' COMP.	E503194-14A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS15 -SURFACE -4' COMP.	E503194-15A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS16 -SURFACE -4' COMP.	E503194-16A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS17 -SURFACE -4' COMP.	E503194-17A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS18 -SURFACE -4' COMP.	E503194-18A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS19 -SURFACE -4' COMP.	E503194-19A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS20 -SURFACE -4' COMP.	E503194-20A	Soil	03/20/25	03/24/25	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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS1 -SURFACE -4' COMP.**

**E503194-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.8 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>						
		96.0 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS2 -SURFACE -4' COMP.**

**E503194-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.5 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		94.2 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS3 -SURFACE -4' COMP.**

**E503194-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		90.9 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS4 -SURFACE -4' COMP.**

**E503194-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		91.4 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS5 -SURFACE -4' COMP.**

**E503194-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		93.4 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS6 -SURFACE -4' COMP.**

**E503194-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.6 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		92.4 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS7 -SURFACE -4' COMP.**

**E503194-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		91.9 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS8 -SURFACE -4' COMP.**

**E503194-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		98.8 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	





### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS9 -SURFACE -4' COMP.**

**E503194-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		95.4 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS10 -SURFACE -4' COMP.**

**E503194-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.5 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>						
		93.3 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS11 -SURFACE -4' COMP.**

**E503194-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS12 -SURFACE -4' COMP.**

**E503194-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.4 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>						
		93.8 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS13 -SURFACE -4' COMP.**

**E503194-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>						
		98.6 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS14 -SURFACE -4' COMP.**

**E503194-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		94.6 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS15 -SURFACE -4' COMP.**

**E503194-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS16 -SURFACE -4' COMP.**

**E503194-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		94.8 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	





### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS17 -SURFACE -4' COMP.**

**E503194-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		95.4 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS18 -SURFACE -4' COMP.**

**E503194-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		94.3 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS19 -SURFACE -4' COMP.**

**E503194-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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**CS20 -SURFACE -4' COMP.**

**E503194-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513006
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KH		Batch: 2513016
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		96.9 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513018
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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#### 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 (2513006-BLK1)**

Prepared: 03/24/25 Analyzed: 03/25/25

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		99.4	70-130			

**LCS (2513006-BS1)**

Prepared: 03/24/25 Analyzed: 03/25/25

Benzene	5.05	0.0250	5.00		101	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.3	70-130			
Toluene	4.98	0.0250	5.00		99.5	70-130			
o-Xylene	4.83	0.0250	5.00		96.6	70-130			
p,m-Xylene	9.86	0.0500	10.0		98.6	70-130			
Total Xylenes	14.7	0.0250	15.0		97.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130			

**Matrix Spike (2513006-MS1)**

Source: E503194-04

Prepared: 03/24/25 Analyzed: 03/25/25

Benzene	5.21	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130			
Toluene	5.14	0.0250	5.00	ND	103	70-130			
o-Xylene	5.01	0.0250	5.00	ND	100	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.33		8.00		104	70-130			

**Matrix Spike Dup (2513006-MSD1)**

Source: E503194-04

Prepared: 03/24/25 Analyzed: 03/24/25

Benzene	4.90	0.0250	5.00	ND	98.0	70-130	6.09	27	
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	70-130	6.04	26	
Toluene	4.87	0.0250	5.00	ND	97.3	70-130	5.36	20	
o-Xylene	4.70	0.0250	5.00	ND	93.9	70-130	6.40	25	
p,m-Xylene	9.61	0.0500	10.0	ND	96.1	70-130	5.65	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.3	70-130	5.90	26	
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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#### 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 (2513006-BLK1)**

Prepared: 03/24/25 Analyzed: 03/25/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

**LCS (2513006-BS2)**

Prepared: 03/24/25 Analyzed: 03/25/25

Gasoline Range Organics (C6-C10)	38.1	20.0	50.0		76.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			

**Matrix Spike (2513006-MS2)**

Source: E503194-04

Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	41.4	20.0	50.0	ND	82.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

**Matrix Spike Dup (2513006-MSD2)**

Source: E503194-04

Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0	ND	87.3	70-130	5.44	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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#### 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 (2513016-BLK1)**

Prepared: 03/24/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.9		50.0		95.9	61-141			

**LCS (2513016-BS1)**

Prepared: 03/24/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	243	25.0	250		97.3	66-144			
Surrogate: n-Nonane	46.0		50.0		92.0	61-141			

**Matrix Spike (2513016-MS1)**

Source: E503194-03

Prepared: 03/24/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	48.1		50.0		96.2	61-141			

**Matrix Spike Dup (2513016-MSD1)**

Source: E503194-03

Prepared: 03/24/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	245	25.0	250	ND	97.8	56-156	3.05	20	
Surrogate: n-Nonane	46.7		50.0		93.3	61-141			



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 2:15:09PM
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#### 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 (2513018-BLK1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	ND	20.0							
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**LCS (2513018-BS1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	252	20.0	250		101	90-110			
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**Matrix Spike (2513018-MS1)**

Source: E503194-05

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	257	20.0	250	ND	103	80-120			
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**Matrix Spike Dup (2513018-MSD1)**

Source: E503194-05

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	255	20.0	250	ND	102	80-120	0.571	20	
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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	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	03/28/25 14:15

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 Thistle 15 CTB 2				Address:				E503194		01058-POST-A					X	X			
Project Manager: Lynsev Coons				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (575)318-7532				Miscellaneous: Project No. #1-170-2															
Email: Lynsev@pimaoil.com																			
Sample Information										Analysis and Method				EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Ammon Prg	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																			Remarks
8:00	3/20/2025	S		CS1- SURFACE-4' COMP.		1						X							
8:02	3/20/2025	S		CS2- SURFACE-4' COMP.		2						X							
8:05	3/20/2025	S		CS3- SURFACE-4' COMP.		3						X							
8:11	3/20/2025	S		CS4- SURFACE-4' COMP.		4						X							
8:13	3/20/2025	S		CS5- SURFACE-4' COMP.		5						X							
8:15	3/20/2025	S		CS6- SURFACE-4' COMP.		6						X							
8:17	3/20/2025	S		CS7- SURFACE-4' COMP.		7						X							
8:20	3/20/2025	S		CS8- SURFACE-4' COMP.		8						X							
8:24	3/20/25	S		CS9- SURFACE-4' COMP.		9						X							
8:26	3/20/25	S		CS10- SURFACE-4' COMP.		10						X							
Additional Instructions: W/O # 21150699																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.							
Andrew Franco		3/20/25		6:06		Karime Ahame		3/21/25		9:00									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Karime Ahame		3/21/25		2:00		Marjasa Gonzales		3-21-25		2:00									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only							
Marjasa Gonzales		3-21-25		1620		John H.		3.21.25		1630		Received on ice: <input checked="" type="radio"/> / N							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____							
John H.		3.21.25		2230		Dulley Harris		3-24-25		800		AVG Temp oC <u>4</u>							
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 COD. The liability of the laboratory is limited to the amount paid for on the report.																			

Chain of Custody

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 Thistle 15 CTB 2				Address:			E50394	0058-2057-K-A						X				
Project Manager: Lynsey Coons				City, State, Zip:														
Address: 5614 N Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: (575)318-7532				Miscellaneous: Project No. #1-170-2														
Email: Lynsey@pimaoil.com																		
Sample Information							Analysis and Method							EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	SGDOC - NM	TEEQ 1005 - TX	PCBA 8 Metals	Carbon/Anion Pkg	SDWA	CWA	RCRA
8:28	3/20/2025	S		CS11- SURFACE-4' COMP.		11						X						
8:30	3/20/2025	S		CS12- SURFACE-4' COMP.		12						X						
8:31	3/20/2025	S		CS13- SURFACE-4' COMP.		13						X						
8:35	3/20/2025	S		CS14- SURFACE-4' COMP.		14						X						
8:37	3/20/2025	S		CS15- SURFACE-4' COMP.		15						X						
8:40	3/20/2025	S		CS16- SURFACE-4' COMP.		16						X						
8:43	3/20/2025	S		CS17- SURFACE-4' COMP.		17						X						
8:45	3/20/2025	S		CS18- SURFACE-4' COMP.		18						X						
8:49	3/20/25	S		CS19- SURFACE-4' COMP.		19						X						
8:51	3/20/25	S		CS20- SURFACE-4' COMP.		20						X						
Additional Instructions: W/O # 21150699																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Andrew Franco																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days. Received on ice: <u>0</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>						
Andrew Franco		3/20/25		6:06		Karime Adame		3/21/25		9:00								
Karime Adame		3/21/25		2:00		Marissa Gonzales		3-21-25		2:00								
Marissa Gonzales		3-21-25		1620		Andrew J.		3.21.25		1630								
Andrew J.		3.21.25		9230		Caitlynn		3.24.25		800								
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.																		

Released to Imaging: 1/21/2026 1:39:29 PM

Received by OCD: 1/14/2026 11:29:38 AM

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**Envirotech Analytical Laboratory**

Printed: 3/24/2025 9:22:47AM

**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:	03/24/25 08:00	Work Order ID:	E503194
Phone:	(575) 631-6977	Date Logged In:	03/21/25 15:32	Logged In By:	Caitlin Mars
Email:	lynsey@pimaoil.com	Due Date:	03/28/25 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: Courier

**Comments/Resolution**

Project North Thistle 15 CTB 2 has been separated into 4 reports due to sample volume. WOs are E503194 to E503197. 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? Yes
  - 11. If yes, were custody/security seals intact? No
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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

**Sample Container**

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

**Field Label**

- 20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

\_\_\_\_\_  
Date



envirotech Inc.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E503195

Job Number: 01058-0007

Received: 3/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/28/25

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.  
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/28/25



Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247

Project Name: North Thistle 15 CTB 2  
Workorder: E503195  
Date Received: 3/24/2025 8:00:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/24/2025 8:00:00AM, 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)

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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  
PO Box 247  
Plains TX, 79355-0247

Project Name: North Thistle 15 CTB 2  
Project Number: 01058-0007  
Project Manager: Lynsey Coons

**Reported:**  
03/28/25 15:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21 -SURFACE -4' COMP.	E503195-01A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS22 -SURFACE -4' COMP.	E503195-02A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS23 -SURFACE -4' COMP.	E503195-03A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS24 -SURFACE -4' COMP.	E503195-04A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS25 -SURFACE -4' COMP.	E503195-05A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS26 -SURFACE -4' COMP.	E503195-06A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS27 -SURFACE -4' COMP.	E503195-07A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS28 -SURFACE -4' COMP.	E503195-08A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS29 -SURFACE -4' COMP.	E503195-09A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS30 -SURFACE -4' COMP.	E503195-10A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS31 -SURFACE -4' COMP.	E503195-11A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS32 -SURFACE -4' COMP.	E503195-12A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS33 -SURFACE -4' COMP.	E503195-13A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS34 -SURFACE -4' COMP.	E503195-14A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS35 -SURFACE -4' COMP.	E503195-15A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS36 -SURFACE -4' COMP.	E503195-16A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS37 -SURFACE -4' COMP.	E503195-17A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS38 -SURFACE -4' COMP.	E503195-18A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS39 -SURFACE -4' COMP.	E503195-19A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS40 -SURFACE -4' COMP.	E503195-20A	Soil	03/20/25	03/24/25	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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS21 -SURFACE -4' COMP.**

**E503195-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.1 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.1 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		99.5 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS22 -SURFACE -4' COMP.**

**E503195-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.2 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.2 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS23 -SURFACE -4' COMP.**

**E503195-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.4 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.4 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS24 -SURFACE -4' COMP.**

**E503195-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS25 -SURFACE -4' COMP.**

**E503195-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		99.9 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS26 -SURFACE -4' COMP.**

**E503195-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS27 -SURFACE -4' COMP.**

**E503195-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.8 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.8 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	





### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS28 -SURFACE -4' COMP.**

**E503195-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.9 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.9 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		99.1 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	Reported: 3/28/2025 3:16:22PM
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**CS29 -SURFACE -4' COMP.**

**E503195-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.6 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.6 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS30 -SURFACE -4' COMP.**

**E503195-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.7 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.7 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS31 -SURFACE -4' COMP.**

**E503195-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.2 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.2 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS32 -SURFACE -4' COMP.**

**E503195-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS33 -SURFACE -4' COMP.**

**E503195-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.4 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.4 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS34 -SURFACE -4' COMP.**

**E503195-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		98.5 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS35 -SURFACE -4' COMP.**

**E503195-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.7 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.7 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	





### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS36 -SURFACE -4' COMP.**

**E503195-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS37 -SURFACE -4' COMP.**

**E503195-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS38 -SURFACE -4' COMP.**

**E503195-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS39 -SURFACE -4' COMP.**

**E503195-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		99.1 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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**CS40 -SURFACE -4' COMP.**

**E503195-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Benzene	ND	0.0250	1	03/24/25	03/26/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/26/25	
Toluene	ND	0.0250	1	03/24/25	03/26/25	
o-Xylene	ND	0.0250	1	03/24/25	03/26/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/26/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513007
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/26/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/26/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	03/24/25	03/26/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/26/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AF		Batch: 2513022
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513019
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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#### Volatile Organic Compounds by EPA 8260B

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 (2513007-BLK1)**

Prepared: 03/24/25 Analyzed: 03/25/25

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: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.456		0.500		91.1	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

**LCS (2513007-BS1)**

Prepared: 03/24/25 Analyzed: 03/25/25

Benzene	2.41	0.0250	2.50		96.3	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.2	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.71	0.0250	2.50		109	70-130			
p,m-Xylene	5.35	0.0500	5.00		107	70-130			
Total Xylenes	8.07	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.537		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

**Matrix Spike (2513007-MS1)**

Source: E503195-06

Prepared: 03/24/25 Analyzed: 03/25/25

Benzene	2.04	0.0250	2.50	ND	81.7	48-131			
Ethylbenzene	2.11	0.0250	2.50	ND	84.2	45-135			
Toluene	2.15	0.0250	2.50	ND	86.0	48-130			
o-Xylene	2.34	0.0250	2.50	ND	93.6	43-135			
p,m-Xylene	4.53	0.0500	5.00	ND	90.6	43-135			
Total Xylenes	6.87	0.0250	7.50	ND	91.6	43-135			
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

**Matrix Spike Dup (2513007-MSD1)**

Source: E503195-06

Prepared: 03/24/25 Analyzed: 03/25/25

Benzene	2.27	0.0250	2.50	ND	90.7	48-131	10.5	23	
Ethylbenzene	2.32	0.0250	2.50	ND	92.9	45-135	9.87	27	
Toluene	2.36	0.0250	2.50	ND	94.4	48-130	9.33	24	
o-Xylene	2.64	0.0250	2.50	ND	106	43-135	12.0	27	
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135	13.3	27	
Total Xylenes	7.82	0.0250	7.50	ND	104	43-135	12.9	27	
Surrogate: Bromofluorobenzene	0.536		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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#### 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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

**Blank (2513007-BLK1)**

Prepared: 03/24/25 Analyzed: 03/25/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.456		0.500		91.1	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

**LCS (2513007-BS2)**

Prepared: 03/24/25 Analyzed: 03/25/25

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.4	70-130			
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			

**Matrix Spike (2513007-MS2)**

Source: E503195-06

Prepared: 03/24/25 Analyzed: 03/25/25

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.7	70-130			
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		93.0	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

**Matrix Spike Dup (2513007-MSD2)**

Source: E503195-06

Prepared: 03/24/25 Analyzed: 03/25/25

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.5	70-130	5.33	20	
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.549		0.500		110	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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

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

**Blank (2513022-BLK1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.4		50.0		105	61-141			

**LCS (2513022-BS1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Diesel Range Organics (C10-C28)	254	25.0	250		102	66-144			
Surrogate: n-Nonane	50.3		50.0		101	61-141			

**Matrix Spike (2513022-MS1)**

Source: E503195-08

Prepared: 03/24/25 Analyzed: 03/24/25

Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156			
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			

**Matrix Spike Dup (2513022-MSD1)**

Source: E503195-08

Prepared: 03/24/25 Analyzed: 03/24/25

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156	0.775	20	
Surrogate: n-Nonane	49.2		50.0		98.4	61-141			





### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 3:16:22PM
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#### 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 (2513019-BLK1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	ND	20.0							
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**LCS (2513019-BS1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	254	20.0	250		102	90-110			
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**Matrix Spike (2513019-MS1)**

Source: E503195-04

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	257	20.0	250	ND	103	80-120			
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**Matrix Spike Dup (2513019-MSD1)**

Source: E503195-04

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	256	20.0	250	ND	102	80-120	0.498	20	
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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	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	03/28/25 15:16

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 Thistle 15 CTB 2				Address:				E503195		01058-005A		<input checked="" type="checkbox"/>							
Project Manager: Lynsey Coons				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (575)318-7532				Miscellaneous: Project No. #1-170-2															
Email: Lynsey@pimaoil.com																			

Sample Information										Analysis and Method								EPA Program			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA			
																Compliance	Y	or	N		
8:53	3/20/2025	S		CS21- SURFACE-4' COMP.		1						X									
8:58	3/20/2025	S		CS22- SURFACE-4' COMP.		2						X									
9:01	3/20/2025	S		CS23- SURFACE-4' COMP.		3						X									
9:03	3/20/2025	S		CS24- SURFACE-4' COMP.		4						X									
9:05	3/20/2025	S		CS25- SURFACE-4' COMP.		5						X									
9:07	3/20/2025	S		CS26- SURFACE-4' COMP.		6						X									
9:09	3/20/2025	S		CS27- SURFACE-4' COMP.		7						X									
9:11	3/20/2025	S		CS28- SURFACE-4' COMP.		8						X									
9:15	3/20/25	S		CS29- SURFACE-4' COMP.		9						X									
9:17	3/20/25	S		CS30- SURFACE-4' COMP.		10						X									

Additional Instructions: W/O # 21150699

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Andrew Franco						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>					
Andrew Franco	3/20/25	6:00	Karime Hoame	3/21/25	9:00						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Karime Hoame	3/24/25	7:00	Marissa Gonzales	3-21-25	2:00						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Marissa Gonzales	3-21-25	1620	[Signature]	3-24-25	1630						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Andrew Ho.	3-21-25	2236	Autly [Signature]	3-24-25	800						

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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 CDC. The liability of the laboratory is limited to the amount paid for on the report.

Chain of Custody

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 Thistle 15 CTB 2		Address:		E503195	0058-0007				X	X			
Project Manager: Lynsey Coons		City, State, Zip:											
Address: 5614 N Lovington Hwy		Phone:											
City, State, Zip: Hobbs, NM 88240		Email:											
Phone: (575)318-7532		Miscellaneous: Project No. #1-170-2											
Email: Lynsey@pimaoil.com													

Sample Information							Analysis and Method								EPA Program			Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOI by 8260	Chloride 300.0	BGDOC - NM	TEEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA		RCRA
9:22	3/20/2025	S		CS31- SURFACE-4' COMP.		11						X							
9:25	3/20/2025	S		CS32- SURFACE-4' COMP.		12						X							
9:29	3/20/2025	S		CS33- SURFACE-4' COMP.		13						X							
9:31	3/20/2025	S		CS34- SURFACE-4' COMP.		14						X							
9:36	3/20/2025	S		CS35- SURFACE-4' COMP.		15						X							
9:39	3/20/2025	S		CS36- SURFACE-4' COMP.		16						X							
9:41	3/20/2025	S		CS37- SURFACE-4' COMP.		17						X							
9:46	3/20/2025	S		CS38- SURFACE-4' COMP.		18						X							
9:50	3/20/25	S		CS39- SURFACE-4' COMP.		19						X							
9:53	3/20/25	S		CS40- SURFACE-4' COMP.		20						X							

**Additional Instructions:** W/O # 21150699

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Andrew Franco						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>					
Andrew Franco	3/20/25	6:06	Carime Adams	3/21/25	9:00						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Carime Adams	3/21/25	2:00	Marissa Gonzalez	3-21-25	1400						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Marissa Gonzalez	3-21-25	1620	Andrew Jr.	3-21-25	1630						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						
Andrew Jr.	3-21-25	2236	Brittly Mann	3-24-25	800						

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: 3/24/2025 9:21:08AM

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: 03/24/25 08:00	Work Order ID: E503195
Phone: (575) 631-6977	Date Logged In: 03/21/25 15:39	Logged In By: Caitlin Mars
Email: lynsey@pimaoil.com	Due Date: 03/28/25 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: Courier

**Comments/Resolution**

Project North Thistle 15 CTB 2 has been separated into 4 reports due to sample volume. WOs are E503194 to E503197. 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? Yes
  - 11. If yes, were custody/security seals intact? No
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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

**Sample Container**

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

**Field Label**

- 20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E503196

Job Number: 01058-0007

Received: 3/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
3/28/25

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: 3/28/25



Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247

Project Name: North Thistle 15 CTB 2  
Workorder: E503196  
Date Received: 3/24/2025 8:00:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/24/2025 8:00:00AM, 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**  
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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 PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 03/28/25 08:44
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS41 -SURFACE -4' COMP.	E503196-01A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS42 -SURFACE -4' COMP.	E503196-02A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS43 -SURFACE -4' COMP.	E503196-03A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS44 -SURFACE -4' COMP.	E503196-04A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS45 -SURFACE -4' COMP.	E503196-05A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS46 -SURFACE -4' COMP.	E503196-06A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS47 -SURFACE -4' COMP.	E503196-07A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS48 -SURFACE -4' COMP.	E503196-08A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS49 -SURFACE -4' COMP.	E503196-09A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS50 -SURFACE -4' COMP.	E503196-10A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS51 -SURFACE -4' COMP.	E503196-11A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS52 -SURFACE -4' COMP.	E503196-12A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS53 -SURFACE -4' COMP.	E503196-13A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS54 -SURFACE -4' COMP.	E503196-14A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS55 -SURFACE -4' COMP.	E503196-15A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS56 -SURFACE -4' COMP.	E503196-16A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS57 -SURFACE -4' COMP.	E503196-17A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS58 -SURFACE -4' COMP.	E503196-18A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS59 -SURFACE -4' COMP.	E503196-19A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS60 -SURFACE -4' COMP.	E503196-20A	Soil	03/20/25	03/24/25	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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
---	---	---

**CS41 -SURFACE -4' COMP.**

**E503196-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS42 -SURFACE -4' COMP.**

**E503196-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS43 -SURFACE -4' COMP.**

**E503196-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.5 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.5 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		91.4 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS44 -SURFACE -4' COMP.**

**E503196-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS45 -SURFACE -4' COMP.**

**E503196-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS46 -SURFACE -4' COMP.**

**E503196-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.5 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.5 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	





### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS47 -SURFACE -4' COMP.**

**E503196-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS48 -SURFACE -4' COMP.**

**E503196-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.5 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.5 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		99.6 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS49 -SURFACE -4' COMP.**

**E503196-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.4 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.4 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS50 -SURFACE -4' COMP.**

**E503196-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		97.9 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS51 -SURFACE -4' COMP.**

**E503196-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.0 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		90.3 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS52 -SURFACE -4' COMP.**

**E503196-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		87.6 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS53 -SURFACE -4' COMP.**

**E503196-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	03/24/25	03/24/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	Reported: 3/28/2025 8:44:31AM
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**CS54 -SURFACE -4' COMP.**

**E503196-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.6 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.6 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	





### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS55 -SURFACE -4' COMP.**

**E503196-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.1 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS56 -SURFACE -4' COMP.**

**E503196-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS57 -SURFACE -4' COMP.**

**E503196-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		97.4 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS58 -SURFACE -4' COMP.**

**E503196-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.6 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.6 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		94.0 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS59 -SURFACE -4' COMP.**

**E503196-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		104 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		88.9 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/24/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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**CS60 -SURFACE -4' COMP.**

**E503196-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513008
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/24/25	03/25/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	03/24/25	03/25/25	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		97.5 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2513021
Chloride	ND	20.0	1	03/24/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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#### Volatile Organic Compounds by EPA 8260B

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 (2513008-BLK1)**

Prepared: 03/24/25 Analyzed: 03/24/25

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: Bromofluorobenzene	0.527		0.500		105		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7		70-130		
Surrogate: Toluene-d8	0.541		0.500		108		70-130		

**LCS (2513008-BS1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Benzene	2.54	0.0250	2.50		101		70-130		
Ethylbenzene	2.62	0.0250	2.50		105		70-130		
Toluene	2.73	0.0250	2.50		109		70-130		
o-Xylene	2.87	0.0250	2.50		115		70-130		
p,m-Xylene	5.72	0.0500	5.00		114		70-130		
Total Xylenes	8.59	0.0250	7.50		115		70-130		
Surrogate: Bromofluorobenzene	0.535		0.500		107		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2		70-130		
Surrogate: Toluene-d8	0.527		0.500		105		70-130		

**Matrix Spike (2513008-MS1)**

Source: E503196-05

Prepared: 03/24/25 Analyzed: 03/24/25

Benzene	2.58	0.0250	2.50	ND	103		48-131		
Ethylbenzene	2.66	0.0250	2.50	ND	107		45-135		
Toluene	2.73	0.0250	2.50	ND	109		48-130		
o-Xylene	2.88	0.0250	2.50	ND	115		43-135		
p,m-Xylene	5.73	0.0500	5.00	ND	115		43-135		
Total Xylenes	8.61	0.0250	7.50	ND	115		43-135		
Surrogate: Bromofluorobenzene	0.528		0.500		106		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1		70-130		
Surrogate: Toluene-d8	0.529		0.500		106		70-130		

**Matrix Spike Dup (2513008-MSD1)**

Source: E503196-05

Prepared: 03/24/25 Analyzed: 03/24/25

Benzene	2.65	0.0250	2.50	ND	106		48-131	2.58	23
Ethylbenzene	2.71	0.0250	2.50	ND	108		45-135	1.77	27
Toluene	2.77	0.0250	2.50	ND	111		48-130	1.20	24
o-Xylene	2.97	0.0250	2.50	ND	119		43-135	3.01	27
p,m-Xylene	5.85	0.0500	5.00	ND	117		43-135	2.13	27
Total Xylenes	8.82	0.0250	7.50	ND	118		43-135	2.42	27
Surrogate: Bromofluorobenzene	0.533		0.500		107		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100		70-130		
Surrogate: Toluene-d8	0.529		0.500		106		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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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#### 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 (2513008-BLK1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			

**LCS (2513008-BS2)**

Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

**Matrix Spike (2513008-MS2)**

Source: E503196-05

Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	ND	103	70-130			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			

**Matrix Spike Dup (2513008-MSD2)**

Source: E503196-05

Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130	2.48	20	
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2513023-BLK1)**

Prepared: 03/24/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.5		50.0		111	61-141			

**LCS (2513023-BS1)**

Prepared: 03/24/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	51.0		50.0		102	61-141			

**Matrix Spike (2513023-MS1)**

Source: E503196-10

Prepared: 03/24/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	50.7		50.0		101	61-141			

**Matrix Spike Dup (2513023-MSD1)**

Source: E503196-10

Prepared: 03/24/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156	2.35	20	
Surrogate: n-Nonane	50.3		50.0		101	61-141			



### 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: Lynsey Coons	<b>Reported:</b> 3/28/2025 8:44:31AM
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#### Anions by EPA 300.0/9056A

Analyst: JM

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 (2513021-BLK1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	ND	20.0							
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**LCS (2513021-BS1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	256	20.0	250		102	90-110			
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**Matrix Spike (2513021-MS1)**

Source: E503196-02

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	257	20.0	250	ND	103	80-120			
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**Matrix Spike Dup (2513021-MSD1)**

Source: E503196-02

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	258	20.0	250	ND	103	80-120	0.459	20	
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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	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	03/28/25 08:44

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 Thistle 15 CTB 2				Address:				E503196		Dist. 0000					X	X			
Project Manager: Lynsey Coons				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (575)318-7532				Miscellaneous: Project No. #1-170-2															
Email: lynsey@pimaoil.com																			
Sample Information										Analysis and Method				EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Carbon/Amion Pkg	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																			Remarks
10:00	3/20/2025	S		CS41- SURFACE-4' COMP.		1						X							
10:03	3/20/2025	S		CS42- SURFACE-4' COMP.		2						X							
10:07	3/20/2025	S		CS43- SURFACE-4' COMP.		3						X							
10:09	3/20/2025	S		CS44- SURFACE-4' COMP.		4						X							
10:13	3/20/2025	S		CS45- SURFACE-4' COMP.		5						X							
10:15	3/20/2025	S		CS46- SURFACE-4' COMP.		6						X							
10:18	3/20/2025	S		CS47- SURFACE-4' COMP.		7						X							
10:22	3/20/2025	S		CS48- SURFACE-4' COMP.		8						X							
10:26	3/20/25	S		CS49- SURFACE-4' COMP.		9						X							
10:30	3/20/25	S		CS50- SURFACE-4' COMP.		10						X							
Additional Instructions: W/O # 21150699																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.							
Andrew Franco		3/20/25		6:06		Karime Adams		3/21/25		9:00									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Karime Adams		3/21/25		2:00		Marissa Gonzales		3-21-25		1400									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N							
Marissa Gonzales		3-21-25		1620		Andrew M.		3-21-25		1630		T1 _____ T2 _____ T3 _____							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp oC							
Andrew M.		3-21-25		2230		Caitlin Mann		3-24-25		800		4							
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.																			

Chain of Custody

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 Thistle 15 CTB 2				Address:				E503196		01051007-A					X	X			
Project Manager: Lynsey Coons				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (575)318-7532				Miscellaneous: Project No. #1-170-2															
Email: Lynsey@pimaoil.com																			
Sample Information										Analysis and Method				EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCFQ 1005 - TX	RCRA 8 Metals	Carbon/Anion Pkg	SDWA	CWA	RCRA	
10:32	3/20/2025	S		CS51- SURFACE-4' COMP.		11						X							
10:36	3/20/2025	S		CS52- SURFACE-4' COMP.		12						X							
10:39	3/20/2025	S		CS53- SURFACE-4' COMP.		13						X							
10:43	3/20/2025	S		CS54- SURFACE-4' COMP.		14						X							
10:48	3/20/2025	S		CS55- SURFACE-4' COMP.		15						X							
10:50	3/20/2025	S		CS56- SURFACE-4' COMP.		16						X							
10:53	3/20/2025	S		CS57- SURFACE-4' COMP.		17						X							
10:58	3/20/2025	S		CS58- SURFACE-4' COMP.		18						X							
11:02	3/20/25	S		CS59- SURFACE-4' COMP.		19						X							
11:11	3/20/25	S		CS60- SURFACE-4' COMP.		20						X							
Additional Instructions: W/O # 21150699																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days. Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>							
Andrew Franco		3/20/25		6:06		Yarime Adame		3/21/25		9:00									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Yarime Adame		3/21/25		2:00		Marissa Gonzalez		3-21-25		1400									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Marissa Gonzalez		3-21-25		1620		Andrew M.		3.21.25		1630									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Andrew M.		3.21.25		2250		Caitlynn		3-21-25		800									
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.																			

Released to Imaging: 1/21/2026 1:39:29 PM

Received by OCD: 1/14/2026 11:29:38 AM

Page 32 of 38

Page 333 of 381

Envirotech Analytical Laboratory

Printed: 3/24/2025 9:17:24AM

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: 03/24/25 08:00	Work Order ID: E503196
Phone: (575) 631-6977	Date Logged In: 03/21/25 15:47	Logged In By: Noe Soto
Email: lynsey@pimaoil.com	Due Date: 03/28/25 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: Courier

**Comments/Resolution**

Project North Thistle 15 CTB 2 has been separated into 4 reports due to sample volume. WOs are E503194 to E503197. 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? Yes
  - 11. If yes, were custody/security seals intact? No
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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

**Sample Container**

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

**Field Label**

- 20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Lynsey Coons



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E503197

Job Number: 01058-0007

Received: 3/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/1/25

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



Date Reported: 4/1/25

Lynsey Coons  
PO Box 247  
Plains, TX 79355-0247

Project Name: North Thistle 15 CTB 2  
Workorder: E503197  
Date Received: 3/24/2025 8:00:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/24/2025 8:00:00AM, 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,

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	<b>Reported:</b> 04/01/25 13:39
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS61 -SURFACE -4' COMP.	E503197-01A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS62 -SURFACE -4' COMP.	E503197-02A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS63 -SURFACE -4' COMP.	E503197-03A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS64 -SURFACE -4' COMP.	E503197-04A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS65 -SURFACE -4' COMP.	E503197-05A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS66 -SURFACE -4' COMP.	E503197-06A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CS67 -SURFACE -4' COMP.	E503197-07A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW1 -SURFACE -4' COMP.	E503197-08A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW2 -SURFACE -4' COMP.	E503197-09A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW3 -SURFACE -4' COMP.	E503197-10A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW4 -SURFACE -4' COMP.	E503197-11A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW5 -SURFACE -4' COMP.	E503197-12A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW6 -SURFACE -4' COMP.	E503197-13A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW7 -SURFACE -4' COMP.	E503197-14A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW8 -SURFACE -4' COMP.	E503197-15A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW9 -SURFACE -4' COMP.	E503197-16A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW10 -SURFACE -4' COMP.	E503197-17A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW11 -SURFACE -4' COMP.	E503197-18A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW12 -SURFACE -4' COMP.	E503197-19A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW13 -SURFACE -4' COMP.	E503197-20A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
CSW14 -SURFACE -4' COMP.	E503197-21A	Soil	03/20/25	03/24/25	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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CS61 -SURFACE -4' COMP.**

**E503197-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2513009	
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2513009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2513024	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	03/24/25	03/24/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2513038	
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CS62 -SURFACE -4' COMP.**

**E503197-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CS63 -SURFACE -4' COMP.**

**E503197-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CS64 -SURFACE -4' COMP.**

**E503197-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CS65 -SURFACE -4' COMP.**

**E503197-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	





### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CS66 -SURFACE -4' COMP.**

**E503197-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CS67 -SURFACE -4' COMP.**

**E503197-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW1 -SURFACE -4' COMP.**

**E503197-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW2 -SURFACE -4' COMP.**

**E503197-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW3 -SURFACE -4' COMP.**

**E503197-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		115 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW4 -SURFACE -4' COMP.**

**E503197-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW5 -SURFACE -4' COMP.**

**E503197-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.9 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW6 -SURFACE -4' COMP.**

**E503197-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	





### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW7 -SURFACE -4' COMP.**

**E503197-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.8 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		112 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW8 -SURFACE -4' COMP.**

**E503197-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW9 -SURFACE -4' COMP.**

**E503197-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		117 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW10 -SURFACE -4' COMP.**

**E503197-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		118 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW11 -SURFACE -4' COMP.**

**E503197-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW12 -SURFACE -4' COMP.**

**E503197-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW13 -SURFACE -4' COMP.**

**E503197-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Benzene	ND	0.0250	1	03/24/25	03/25/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/25/25	
Toluene	ND	0.0250	1	03/24/25	03/25/25	
o-Xylene	ND	0.0250	1	03/24/25	03/25/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/25/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2513009
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.0 %	70-130	03/24/25	03/25/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: NV		Batch: 2513024
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	03/24/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: JM		Batch: 2513038
Chloride	ND	20.0	1	03/25/25	03/25/25	



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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**CSW14 -SURFACE -4' COMP.**

**E503197-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513004
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2513004
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		03/24/25	03/24/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/25/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/25/25	03/25/25	
<i>Surrogate: n-Nonane</i>						
	95.0 %	61-141		03/25/25	03/25/25	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513020
Chloride	ND	20.0	1	03/24/25	03/24/25	





### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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#### 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 (2513004-BLK1)**

Prepared: 03/24/25 Analyzed: 03/24/25

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	7.63		8.00		95.4	70-130			

**LCS (2513004-BS1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Benzene	4.03	0.0250	5.00		80.7	70-130			
Ethylbenzene	3.89	0.0250	5.00		77.8	70-130			
Toluene	3.99	0.0250	5.00		79.8	70-130			
o-Xylene	3.94	0.0250	5.00		78.8	70-130			
p,m-Xylene	7.85	0.0500	10.0		78.5	70-130			
Total Xylenes	11.8	0.0250	15.0		78.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			

**Matrix Spike (2513004-MS1)**

Source: E503190-03

Prepared: 03/24/25 Analyzed: 03/24/25

Benzene	4.58	0.0250	5.00	ND	91.7	70-130			
Ethylbenzene	4.42	0.0250	5.00	ND	88.4	70-130			
Toluene	4.53	0.0250	5.00	ND	90.6	70-130			
o-Xylene	4.45	0.0250	5.00	ND	89.0	70-130			
p,m-Xylene	8.89	0.0500	10.0	ND	88.9	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			

**Matrix Spike Dup (2513004-MSD1)**

Source: E503190-03

Prepared: 03/24/25 Analyzed: 03/24/25

Benzene	4.87	0.0250	5.00	ND	97.4	70-130	6.12	27	
Ethylbenzene	4.69	0.0250	5.00	ND	93.9	70-130	6.01	26	
Toluene	4.81	0.0250	5.00	ND	96.2	70-130	5.96	20	
o-Xylene	4.69	0.0250	5.00	ND	93.8	70-130	5.23	25	
p,m-Xylene	9.41	0.0500	10.0	ND	94.1	70-130	5.73	23	
Total Xylenes	14.1	0.0250	15.0	ND	94.0	70-130	5.56	26	
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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#### 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 (2513009-BLK1)

Prepared: 03/24/25 Analyzed: 03/25/25

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	8.38		8.00		105	70-130			

#### LCS (2513009-BS1)

Prepared: 03/24/25 Analyzed: 03/25/25

Benzene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	5.09	0.0250	5.00		102	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
o-Xylene	5.10	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	8.40		8.00		105	70-130			

#### Matrix Spike (2513009-MS1)

Source: E503197-06

Prepared: 03/24/25 Analyzed: 03/25/25

Benzene	5.83	0.0250	5.00	ND	117	70-130			
Ethylbenzene	5.59	0.0250	5.00	ND	112	70-130			
Toluene	5.74	0.0250	5.00	ND	115	70-130			
o-Xylene	5.63	0.0250	5.00	ND	113	70-130			
p,m-Xylene	11.3	0.0500	10.0	ND	113	70-130			
Total Xylenes	17.0	0.0250	15.0	ND	113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.44		8.00		106	70-130			

#### Matrix Spike Dup (2513009-MSD1)

Source: E503197-06

Prepared: 03/24/25 Analyzed: 03/25/25

Benzene	5.71	0.0250	5.00	ND	114	70-130	2.11	27	
Ethylbenzene	5.48	0.0250	5.00	ND	110	70-130	2.00	26	
Toluene	5.62	0.0250	5.00	ND	112	70-130	2.08	20	
o-Xylene	5.51	0.0250	5.00	ND	110	70-130	2.09	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	1.94	23	
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130	1.99	26	
Surrogate: 4-Bromochlorobenzene-PID	8.40		8.00		105	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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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#### 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 (2513004-BLK1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			

**LCS (2513004-BS2)**

Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.00		8.00		99.9	70-130			

**Matrix Spike (2513004-MS2)**

Source: E503190-03

Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130			

**Matrix Spike Dup (2513004-MSD2)**

Source: E503190-03

Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	7.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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#### 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 (2513009-BLK1)**

Prepared: 03/24/25 Analyzed: 03/25/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

**LCS (2513009-BS2)**

Prepared: 03/24/25 Analyzed: 03/31/25

Gasoline Range Organics (C6-C10)	36.8	20.0	50.0		73.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			

**Matrix Spike (2513009-MS2)**

Source: E503197-06

Prepared: 03/24/25 Analyzed: 03/31/25

Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			

**Matrix Spike Dup (2513009-MSD2)**

Source: E503197-06

Prepared: 03/24/25 Analyzed: 03/27/25

Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.3	70-130	0.409	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.3	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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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#### 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 (2513024-BLK1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.7		50.0		103	61-141			

**LCS (2513024-BS1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Diesel Range Organics (C10-C28)	304	25.0	250		122	66-144			
Surrogate: n-Nonane	61.1		50.0		122	61-141			

**Matrix Spike (2513024-MS1)**

Source: E503197-05

Prepared: 03/24/25 Analyzed: 03/24/25

Diesel Range Organics (C10-C28)	299	25.0	250	ND	120	56-156			
Surrogate: n-Nonane	58.8		50.0		118	61-141			

**Matrix Spike Dup (2513024-MSD1)**

Source: E503197-05

Prepared: 03/24/25 Analyzed: 03/24/25

Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156	11.4	20	
Surrogate: n-Nonane	53.5		50.0		107	61-141			



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2513029-BLK1)**

Prepared: 03/25/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.3		50.0		98.6	61-141			

**LCS (2513029-BS1)**

Prepared: 03/25/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
Surrogate: n-Nonane	48.5		50.0		96.9	61-141			

**Matrix Spike (2513029-MS1)**

Source: E503207-01

Prepared: 03/25/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	56-156			
Surrogate: n-Nonane	47.5		50.0		94.9	61-141			

**Matrix Spike Dup (2513029-MSD1)**

Source: E503207-01

Prepared: 03/25/25 Analyzed: 03/25/25

Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	0.464	20	
Surrogate: n-Nonane	48.2		50.0		96.3	61-141			



### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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#### 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 (2513020-BLK1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	ND	20.0							
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**LCS (2513020-BS1)**

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	254	20.0	250		102	90-110			
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**Matrix Spike (2513020-MS1)**

Source: E503192-03

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	295	20.0	250	37.8	103	80-120			
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**Matrix Spike Dup (2513020-MSD1)**

Source: E503192-03

Prepared: 03/24/25 Analyzed: 03/24/25

Chloride	295	20.0	250	37.8	103	80-120	0.0630	20	
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### 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: Lynsey Coons	<b>Reported:</b> 4/1/2025 1:39:53PM
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#### Anions by EPA 300.0/9056A

Analyst: JM

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 (2513038-BLK1)**

Prepared: 03/25/25 Analyzed: 03/25/25

Chloride	ND	20.0							
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**LCS (2513038-BS1)**

Prepared: 03/25/25 Analyzed: 03/25/25

Chloride	256	20.0	250		102	90-110			
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**Matrix Spike (2513038-MS1)**

Source: E503197-07

Prepared: 03/25/25 Analyzed: 03/25/25

Chloride	258	20.0	250	ND	103	80-120			
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**Matrix Spike Dup (2513038-MSD1)**

Source: E503197-07

Prepared: 03/25/25 Analyzed: 03/25/25

Chloride	260	20.0	250	ND	104	80-120	0.971	20	
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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	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	04/01/25 13:39

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 Thistle 15 CTB 2		Address:		E503197 01058-0007					X	X			
Project Manager: Lynsey Coons		City, State, Zip:											
Address: 5614 N Lovington Hwy		Phone:											
City, State, Zip: Hobbs, NM 88240		Email:											
Phone: (575)318-7532		Miscellaneous: Project No. #1-170-2											
Email: Lynsey@pimaoil.com													

Sample Information							Analysis and Method								EPA Program			Remarks	
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	SRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCED 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA		RCRA
11:19	3/20/2025	S		CS61- SURFACE-4' COMP.		1						X							
11:21	3/20/2025	S		CS62- SURFACE-4' COMP.		2						X							
11:26	3/20/2025	S		CS63- SURFACE-4' COMP.		3						X							
11:30	3/20/2025	S		CS64- SURFACE-4' COMP.		4						X							
11:36	3/20/2025	S		CS65- SURFACE-4' COMP.		5						X							
11:40	3/20/2025	S		CS66- SURFACE-4' COMP.		6						X							
11:45	3/20/2025	S		CS67- SURFACE-4' COMP.		7						X							
11:50	3/20/2025	S		CSW1- SURFACE-4' COMP.		8						X							
11:53	3/20/25	S		CSW2- SURFACE-4' COMP.		9						X							
11:59	3/20/25	S		CSW3- SURFACE-4' COMP.		10						X							

Additional Instructions: W/O # 21150699

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Andrew Franco		Date: 3/20/25		Time: 6:06		Received by: (Signature) Karime Adame		Date: 3/21/25		Time: 9:00		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days.  Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N  T1 _____ T2 _____ T3 _____  AVG Temp oC <u>4</u>
Relinquished by: (Signature) Karime Adame		Date: 3/21/25		Time: 2:00		Received by: (Signature) Marissa Gonzales		Date: 3-21-25		Time: 1400		
Relinquished by: (Signature) Marissa Gonzales		Date: 3-21-25		Time: 1600		Received by: (Signature) John J.		Date: 3-21-25		Time: 1630		
Relinquished by: (Signature) John J.		Date: 3-21-25		Time: 2200		Received by: (Signature) Brittany Mann		Date: 3-21-25		Time: 800		

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.

Chain of Custody

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 Thistle 15 CTB 2				Address:				E50397		01058-0007					X	X			
Project Manager: Lynsey Coons				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (575)318-7532				Miscellaneous: Project No. #1-170-2															
Email: Lynsey@pimaoil.com																			
Sample Information										Analysis and Method				EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DFO by 8015	SRO/DFO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	IGDOC - NM	PEEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
12:02	3/20/2025	S		CSW4- SURFACE-4' COMP.		11						X							
12:05	3/20/2025	S		CSW5- SURFACE-4' COMP.		12						X							
12:11	3/20/2025	S		CSW6- SURFACE-4' COMP.		13						X							
12:17	3/20/2025	S		CSW7- SURFACE-4' COMP.		14						X							
12:20	3/20/2025	S		CSW8- SURFACE-4' COMP.		15						X							
12:25	3/20/2025	S		CSW9- SURFACE-4' COMP.		16						X							
12:29	3/20/2025	S		CSW10- SURFACE-4' COMP.		17						X							
12:33	3/20/2025	S		CSW11- SURFACE-4' COMP.		18						X							
12:35	3/20/25	S		CSW12- SURFACE-4' COMP.		19						X							
12:40	3/20/25	S		CSW13- SURFACE-4' COMP.		20						X							
Additional Instructions: W/O # 21150699																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 oC on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC 4							
Andrew Franco		3/20/25		6:06		Karinne Adams		3/21/25		9:00									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Karinne Adams		3/21/25		7:00		Marissa Gonzalez		3-21-25		1400									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Marissa Gonzalez		3-21-25		1600		Andrew J.		3.21.25		1630									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Andrew J.		3.21.25		2236		Nutter		3-21-25		800									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
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Released to Imaging: 1/21/2026 1:39:29 PM

Received by OCD: 1/14/2026 11:29:38 AM

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Page 372 of 381

Envirotech Analytical Laboratory

Printed: 3/24/2025 9:16:32AM

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:	03/24/25 08:00	Work Order ID:	E503197
Phone:	(575) 631-6977	Date Logged In:	03/21/25 15:50	Logged In By:	Noe Soto
Email:	lynsey@pimaoil.com	Due Date:	03/28/25 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: Courier

**Comments/Resolution**

Project North Thistle 15 CTB 2 has been separated into 4 reports due to sample volume. WOs are E503194 to E503197. 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? Yes
  - 11. If yes, were custody/security seals intact? No
  - 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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

**Sample Container**

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

**Field Label**

- 20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

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

General Information  
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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 543027

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 543027
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nRM2014559902
Incident Name	NRM2014559902 NORTH THISTLE 15 CTB 2 @ J-15-23S-33E
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	NORTH THISTLE 15 CTB 2
Date Release Discovered	12/23/2019
Surface Owner	Federal

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil 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

<b>Nature and Volume of Release</b>	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Valve   Crude Oil   Released: 150 BBL   Recovered: 100 BBL   Lost: 50 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
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)	Not answered.

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QUESTIONS, Page 2

Action 543027

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 543027
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvsn.com Date: 01/14/2026
--	---

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QUESTIONS, Page 3

Action 543027

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 543027
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (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	Greater than 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

**Remediation Plan**

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	105
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	347
GRO+DRO (EPA SW-846 Method 8015M)	240
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	01/20/2025
On what date will (or did) the final sampling or liner inspection occur	03/20/2025
On what date will (or was) the remediation complete(d)	03/20/2025
What is the estimated surface area (in square feet) that will be reclaimed	1000
What is the estimated volume (in cubic yards) that will be reclaimed	37
What is the estimated surface area (in square feet) that will be remediated	1000
What is the estimated volume (in cubic yards) that will be remediated	37

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

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



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QUESTIONS, Page 4

Action 543027

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 543027
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

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.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(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.

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 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@dvn.com Date: 01/14/2026
--	--

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

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QUESTIONS, Page 5

Action 543027

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 543027
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

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QUESTIONS, Page 6

Action 543027

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 543027
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>442181</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>03/20/2025</b>
What was the (estimated) number of samples that were to be gathered	<b>81</b>
What was the sampling surface area in square feet	<b>13246</b>

**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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1000
What was the total volume (cubic yards) remediated	37
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1000
What was the total volume (in cubic yards) reclaimed	37
Summarize any additional remediation activities not included by answers (above)	Remediation not required at this time. 1,000 sqft will need to be remediated down to 1' bgs to meet reclamation standards at time of plugging.

*The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 01/14/2026
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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 7

Action 543027

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 543027
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

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CONDITIONS

Action 543027

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 543027
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved	1/21/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing;	1/21/2026
michael.buchanan	At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	1/21/2026