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## 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



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North Thistle 15 CTB 2 | NRM2014559902

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

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



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North Thistle 15 CTB 2 | NRM2014559902

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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



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North Thistle 15 CTB 2 | NRM2014559902

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# FIGURES

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

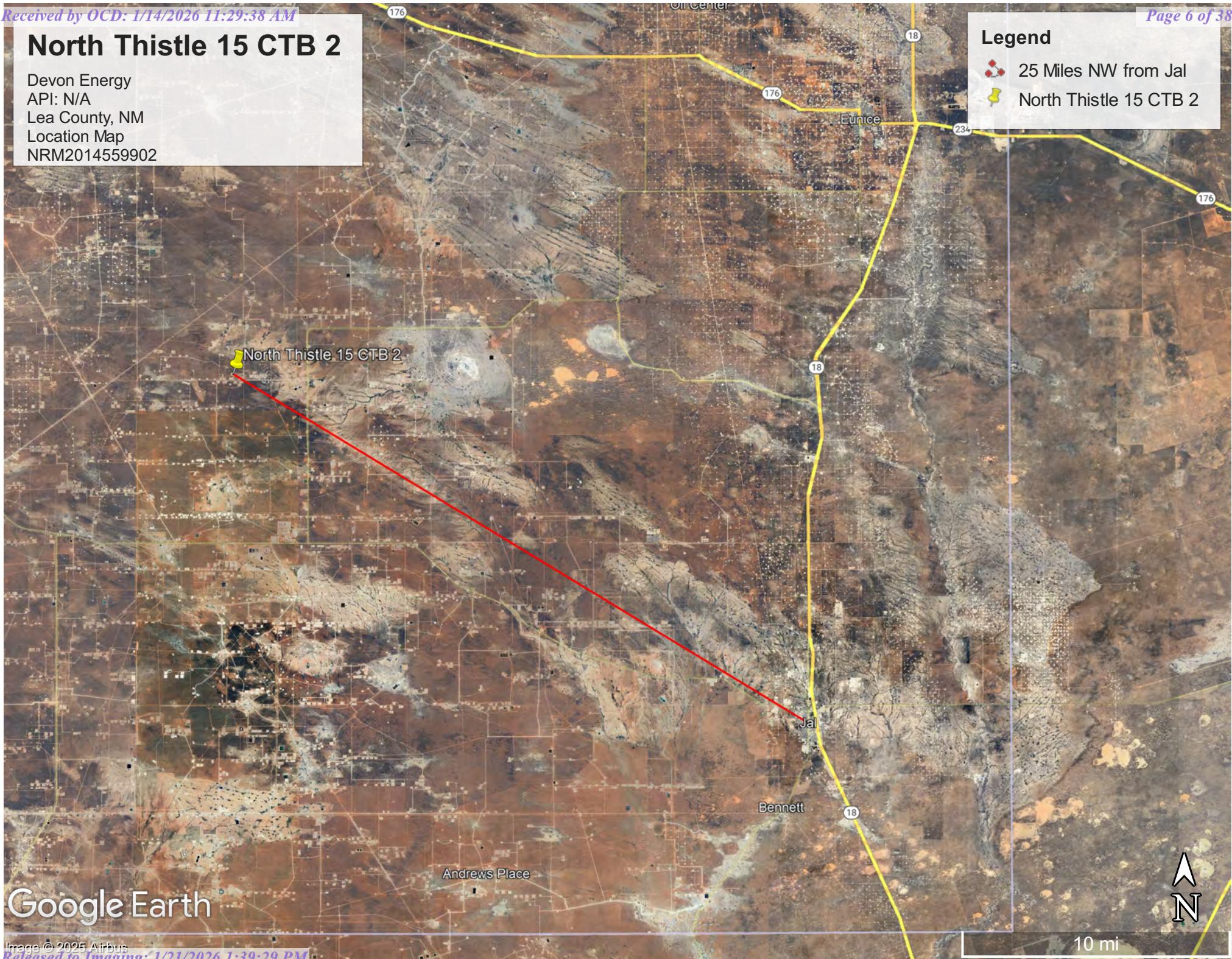


## North Thistle 15 CTB 2

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

### Legend

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



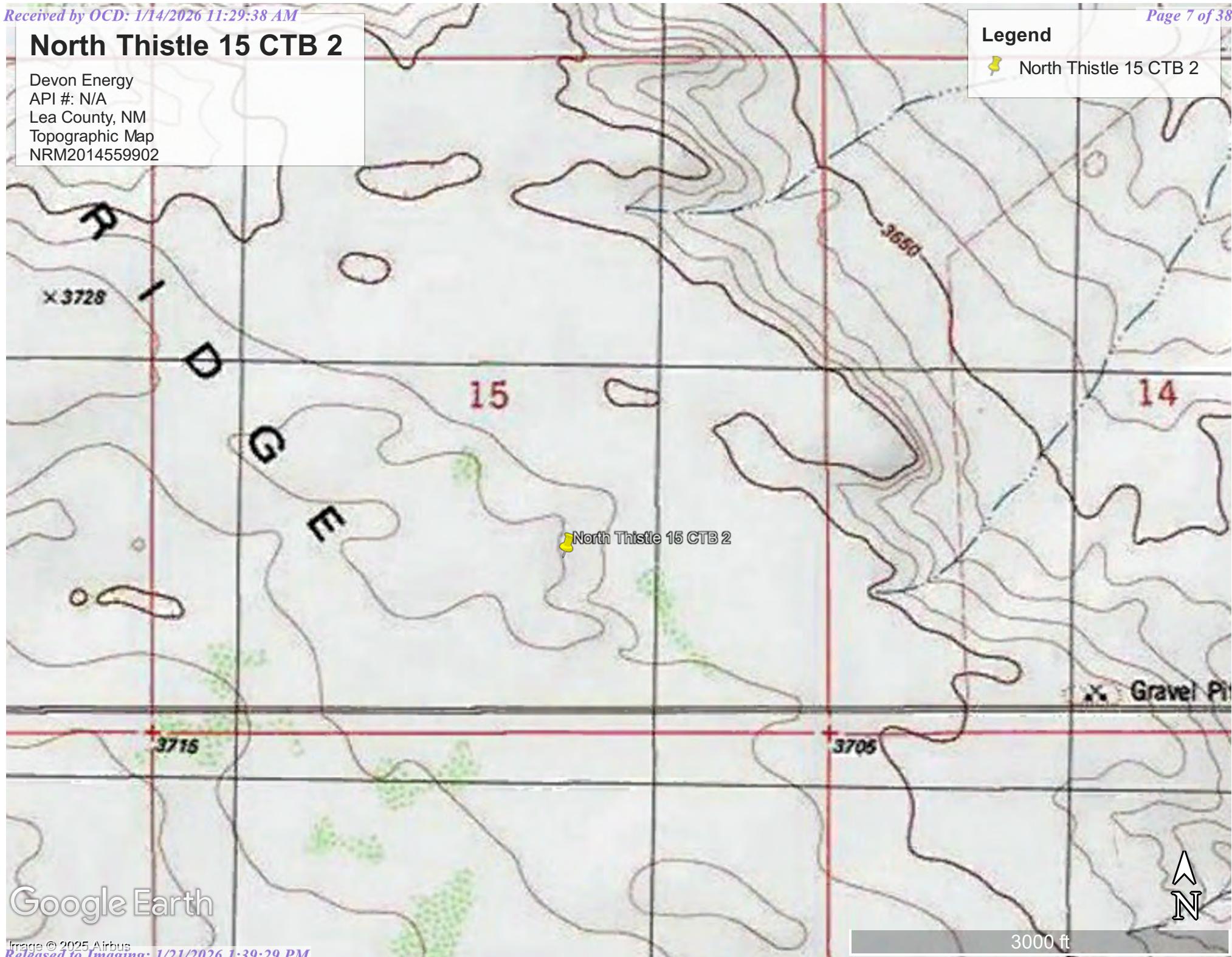
Google Earth

# North Thistle 15 CTB 2

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

## Legend

North Thistle 15 CTB 2



# North Thistle 15 CTB 2

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

**Legend**

- High Karst (Red)
- Low Karst (Green)
- Medium Karst (Blue)
- North Thistle 15 CTB 2 (Yellow Pin)

North Thistle 15 CTB 2

Google Earth



# INITIAL ASSESSMENT DATA TABLES



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North Thistle 15 CTB 2| NRM201455902

DEVON ENERGY PRODUCTION, LP.

NMOC 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

NMOC 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

NMOC 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



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

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

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

North Thistle 15 CTB 2

Google Earth

▲ N

100 ft

# APPENDIX A

## Water Surveys & Water Related Maps



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.

## 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

<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

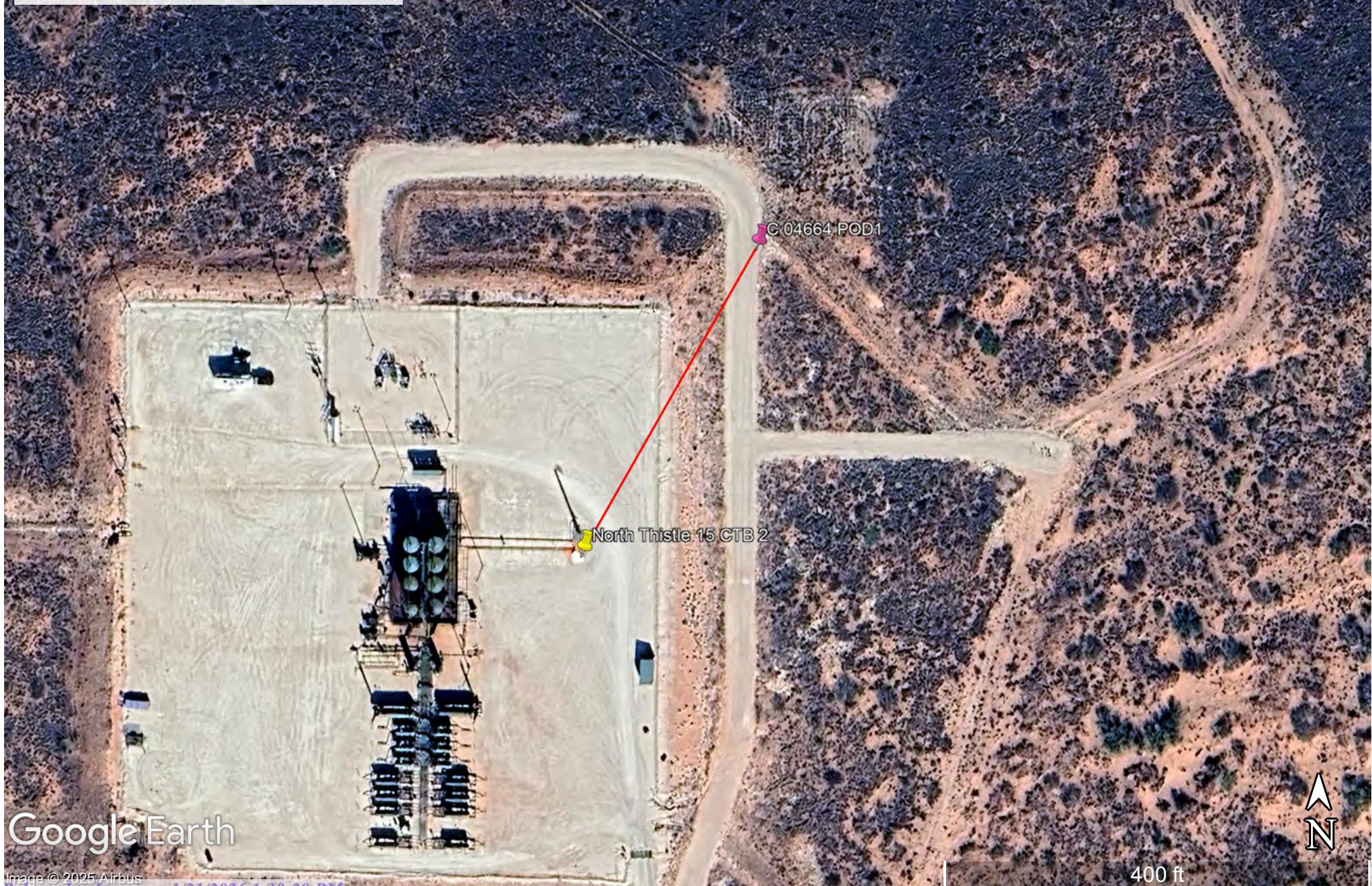
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## North Thistle 15 CTB 2

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

### Legend

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





[USGS Home](#)  
[Contact USGS](#)  
[Search USGS](#)

## National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

Click to hideNews Bulletins

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

Groundwater levels for the Nation

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

### Search Results -- 1 sites found

**site\_no list =**  
• 321952103400801

**Minimum number of levels = 1**

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

---

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

Available data for this site

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

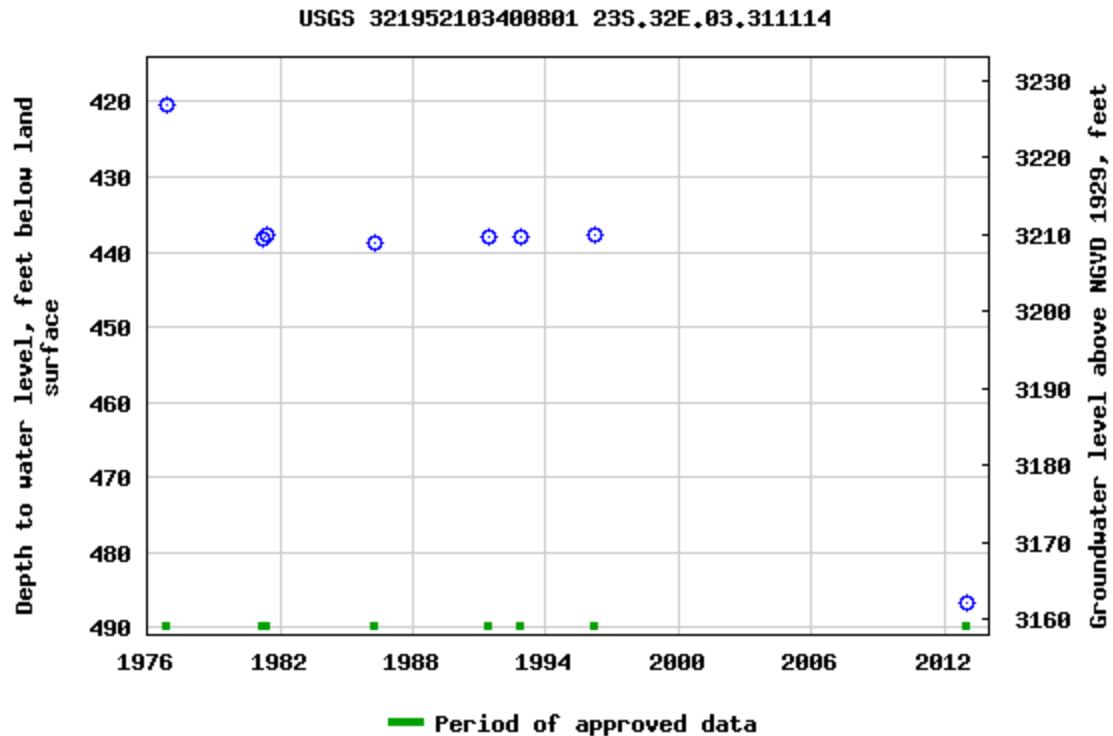
The depth of the well is 630 feet below land surface.

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](#)

---

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)  
**Title: Groundwater for USA: Water Levels**  
**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**



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

Page Last Modified: 2025-02-13 14:49:37 EST

0.64 0.46 nadww02

# North Thistle 15 CTB 2

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

## Legend

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



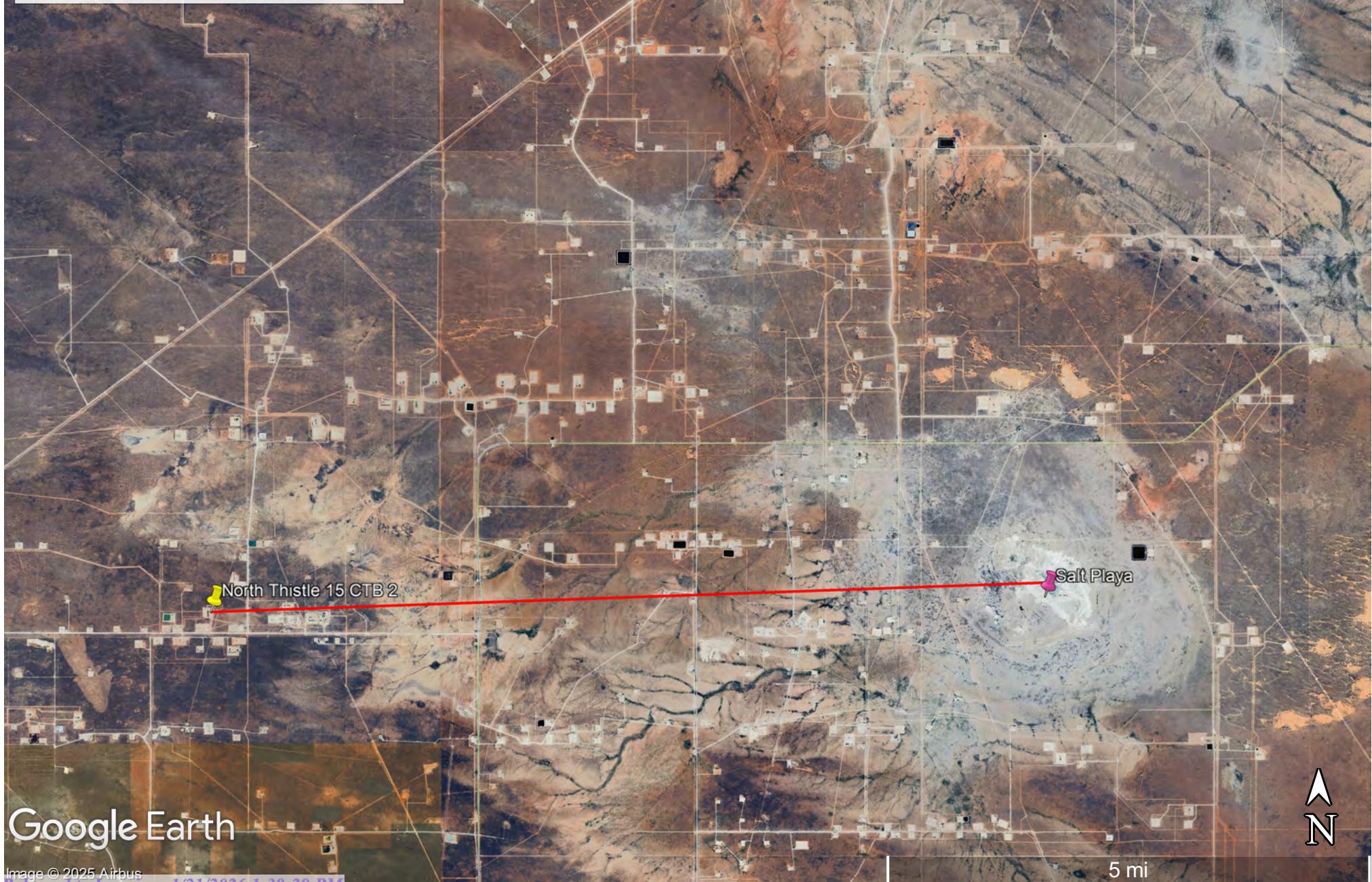
Google Earth

## North Thistle 15 CTB 2

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

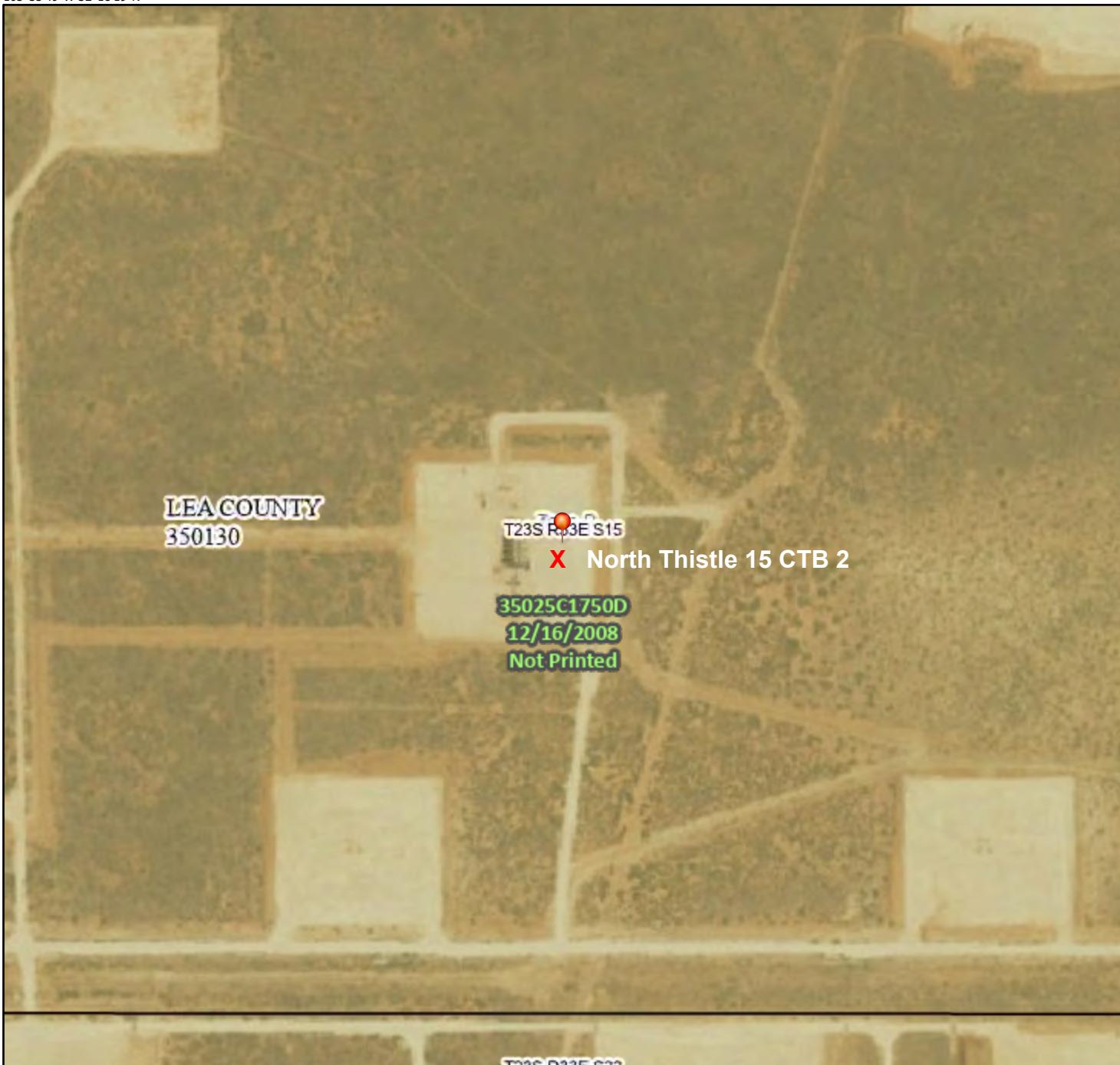
### Legend

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



# 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

### SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)  
Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D

### OTHER AREAS

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

### GENERAL STRUCTURES

- Cross Sections with 1% Annual Chance

- Water Surface Elevation

- Coastal Transect

- Base Flood Elevation Line (BFE)

- Limit of Study

- Jurisdiction Boundary

- Coastal Transect Baseline

- Profile Baseline

- Hydrographic Feature

### OTHER FEATURES

- Digital Data Available

- No Digital Data Available

- Unmapped



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

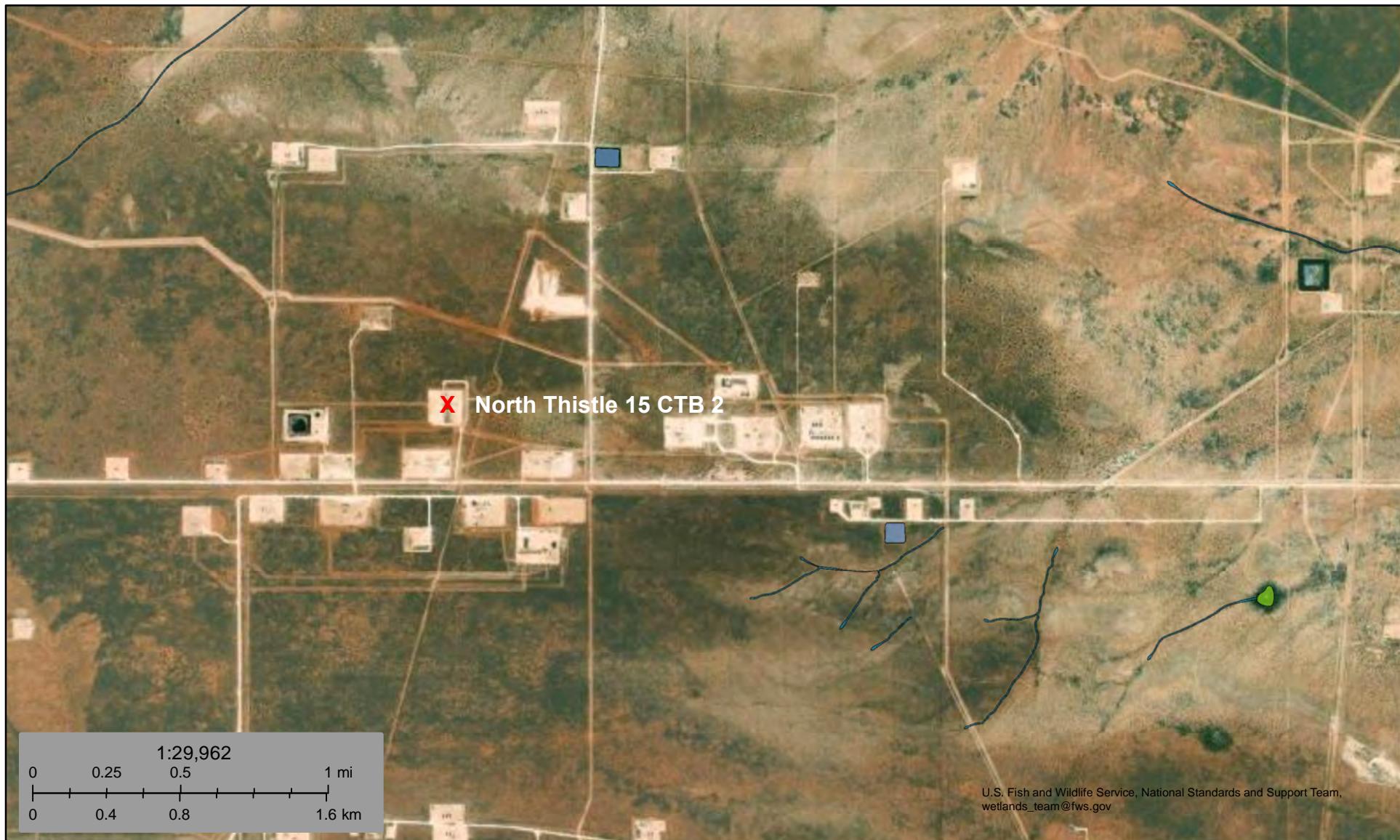
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/13/2025 at 6:08 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



## Wetlands Map



February 13, 2025

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

# APPENDIX B

## Soil Survey & Geological Data Geologic Unit Map



Pima Environmental Services, LLC  
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 map unit.*

#### 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



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

2/13/2025  
Page 1 of 3

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*



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

2/13/2025  
Page 2 of 3

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



**Natural Resources  
Conservation Service**

Web Soil Survey  
National Cooperative Soil Survey

2/13/2025  
Page 3 of 3



## Soil Map—Lea County, New Mexico

### MAP LEGEND

<b>Area of Interest (AOI)</b>	
	Area of Interest (AOI)
<b>Soils</b>	
	Soil Map Unit Polygons
	Soil Map Unit Lines
	Soil Map Unit Points
<b>Special Point Features</b>	
	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
<b>Water Features</b>	
	Streams and Canals
<b>Transportation</b>	
	Rails
	Interstate Highways
	US Routes
	Major Roads
	Local Roads
<b>Background</b>	
	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: <https://websoilsurvey.nrcs.usda.gov/>  
 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>



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

2/13/2025  
Page 3 of 3

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

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

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

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

## Eolian and piedmont deposits

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

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

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

*Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits.*

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

**Name** Eolian and piedmont deposits

**Geologic age** Holocene to middle Pleistocene

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

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

**NGMDB product** NGMDB product page for 22974

([https://ngmdb.usgs.gov/ProdDesc/proddesc\\_22974.htm](https://ngmdb.usgs.gov/ProdDesc/proddesc_22974.htm))

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

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.doiig.gov/>) |

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

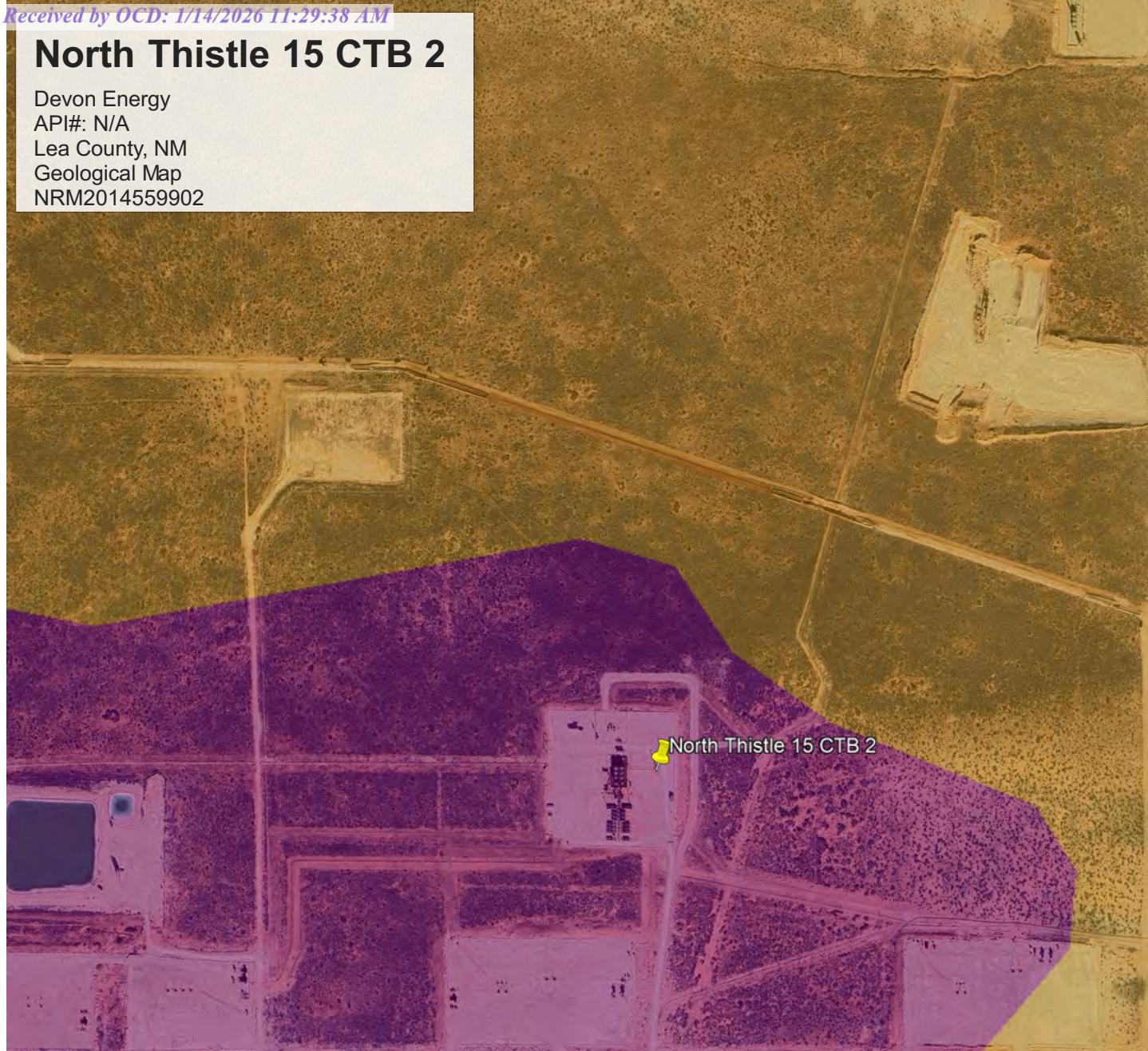
No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

## North Thistle 15 CTB 2

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

### Legend

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



Google Earth

↑  
N

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
jraleyley	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.



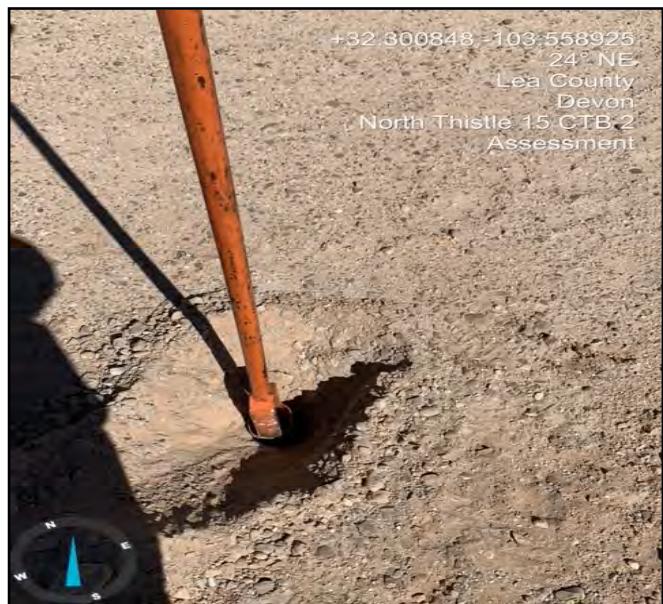
Photograph of site tech assessing the location facing south.



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

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)

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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: 02/25/25 11:42
---	---	--------------------------

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	Reported: 2/25/2025 11:42:37AM
---	---	-----------------------------------

### S1-SURFACE

#### E502165-01

Analyte	Result	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	
Surrogate: Bromofluorobenzene	95.1 %	70-130		02/19/25	02/19/25	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		02/19/25	02/19/25	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	95.1 %	70-130		02/19/25	02/19/25	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		02/19/25	02/19/25	
Surrogate: Toluene-d8	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)	118	25.0	1	02/19/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/19/25	02/20/25	
Surrogate: n-Nonane	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	48.3	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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 2/25/2025 11:42:37AM
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## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

## 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							
<i>Surrogate: Bromofluorobenzene</i>	0.477		0.500		95.4	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.484		0.500		96.7	70-130			
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.485		0.500		97.0	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.491		0.500		98.2	70-130			
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.482		0.500		96.3	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.506		0.500		101	70-130			
<i>Surrogate: Toluene-d8</i>	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	
<i>Surrogate: Bromofluorobenzene</i>	0.486		0.500		97.2	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.500		0.500		100	70-130			
<i>Surrogate: Toluene-d8</i>	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	Reported: 2/25/2025 11:42:37AM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

## 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	Reported: 2/25/2025 11:42:37AM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	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	Reported: 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 PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	Reported: 02/25/25 11:42
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

## Chain of Custody

Page 1 of 12

Client Information				Invoice Information			Lab Use Only		TAT		State	
Client: Pima Environmental Services, LLC				Company: Devon			Lab WO#	Job Number	1D	2D	3D	Std
Project Name: North Thistle 15 CTB 2				Address:			E502165	010580005				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								
Sample Information												
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	Field Filter	Chilled 3000	TEED 105 - TX	RCRA 8 Materials	Collection/Packaging	EPA Program
8:32	2/17/2025	S		S1-SURFACE		1						SDWA CWA RCRA
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	Michelle Franco	2/18/25	9:00	Lab Use Only						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time							
Michelle Franco	2/18/25	1:50 PM	Michelle Gonzales	2/18/25	1350							
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time							
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	Kathy R. Hall	2/19/25	0500							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA												
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.												

## 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:				E502165	01058-0001	X				X			
Project Manager: Lynsey Coons				City, State, Zip:													
Address: 5614 N Lovington Hwy				Phone:				Analysis and Method				EPA Program					
City, State, Zip: Hobbs, NM 88240				Email:				SGDOC - NM				SDWA CWA RCRA					
Phone: (575)318-7532				Miscellaneous: Project No. #170-2				CRRA 8 Nmias				Compliance Y or N					
Email: Lynsey@pimaoil.com								Chloride 300.0				PWSID #					
<b>Sample Information</b>																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	Field Filter	GR0/DR0 by 8015	STED by 8021	TECD 100-5 TX	Carbo/Analysing Pkg	Remarks			
9:14	2/17/2025	S		S3-SURFACE				11									
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.											
Andrew Franco	2/17/25	4:30	Terriane Franco	2/18/25	9:00												
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only											
Karime Atame	2/18/25	1:50 PM	Michelle Gonzales	2/18/25	1:50												
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <u>0</u> Y / N											
Michelle Gonzales	2/18/25	1700	John H.	2/18/25	1700												
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____											
Jaclyn H.	2/18/25	2300	Kaylyn R. Hell	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.																	

## Envirotech Analytical Laboratory

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.

**Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes
<b>Sample Cooler</b>	
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

**Client Instruction**

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

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

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**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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## Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	Reported: 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	Reported: 2/25/2025 7:54:37AM
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### S5-SURFACE

#### E502166-01

Analyte	Result	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	
Surrogate: Bromofluorobenzene	99.3 %	70-130		02/19/25	02/19/25	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		02/19/25	02/19/25	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	99.3 %	70-130		02/19/25	02/19/25	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		02/19/25	02/19/25	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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)	240	25.0	1	02/19/25	02/19/25	
Oil Range Organics (C28-C36)	107	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	46.4	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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	
Surrogate: Bromofluorobenzene	97.9 %	70-130		02/19/25	02/20/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		02/19/25	02/20/25	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	97.9 %	70-130		02/19/25	02/20/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		02/19/25	02/20/25	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Reported: 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)	<b>50.7</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>	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	Reported: 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	Reported: 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	
Surrogate: Bromofluorobenzene	98.6 %	70-130		02/19/25	02/20/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/19/25	02/20/25	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	98.6 %	70-130		02/19/25	02/20/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/19/25	02/20/25	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Reported: 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	Reported: 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	Reported: 2/25/2025 7:54:37AM
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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 (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							
<i>Surrogate: Bromofluorobenzene</i>	0.488		0.500		97.6	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.525		0.500		105	70-130			
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.484		0.500		96.8	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.527		0.500		105	70-130			
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.478		0.500		95.5	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.530		0.500		106	70-130			
<i>Surrogate: Toluene-d8</i>	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	
<i>Surrogate: Bromofluorobenzene</i>	0.486		0.500		97.2	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.528		0.500		106	70-130			
<i>Surrogate: Toluene-d8</i>	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	Reported: 2/25/2025 7:54:37AM
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## Nonhalogenated Organics by EPA 8015D - GRO

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 (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	Reported: 2/25/2025 7:54:37AM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	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	Reported: 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 PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	Reported: 02/25/25 07:54
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

## Chain of Custody

Page 3 of 12

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:			E5021600 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																				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	Field Filter	Lab Filter	SDOC - NM	RCRA 8 Metals	Calto/Anal Pkg	Analysis and Method				EPA Program			
9:55	2/17/2025	S		S5-SURFACE						X			TE3D 1005 - T4				SDWA	CWA	RCRA	
10:00				S5-1'									TE3D 1005 - T4				Compliance	Y	or	N
10:04				S5-2'									TE3D 1005 - T4				PWSID #			
10:09				S5-3'									TE3D 1005 - T4							
10:11				S5-4'									TE3D 1005 - T4							
10:17				S6-SURFACE									TE3D 1005 - T4							
10:25				S6-1'									TE3D 1005 - T4							
10:30				S6-2'									TE3D 1005 - T4							
10:38				S6-3'									TE3D 1005 - T4							
10:44				S6-4'									TE3D 1005 - T4							
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	Janine Flame	2/18/25	9:00															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
Janine Flame	2/18/25	1:50	Michelle Gonzales	2/18/25	1350															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
Michelle Gonzales	2-18-25	1700	J. H.	2-18-25	1700															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
John H.	2-18-25	2300	Kyle R. Helle	2-19-25	0500															
Lab Use Only																				
Received on ice: <u>Y</u> / <u>N</u>																				
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

Page 4 of 12

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																			
Sample Information																Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID				Lab Number	Field Filter	Chloride 3000	VOC by 8260	TEED 105s - Y	RCRA 8 Nalates	Chloride 3000	VOC by 8260	TEED 105s - Y	RCRA 8 Nalates	SDWA	CWA	RCRA			
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																Remarks							
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							
Andrew Franco	2/17/25	4:30	Karime Hame	2/18/25	9:00											Received on ice: <input checked="" type="checkbox"/> Y / N							
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																		
Karime Hame	2/18/25	1:50	Michelle Gonzales	2/18/25	1350																		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																		
Michelle Gonzales	2/18/25	1700	J.	2/18/25	1700																		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																		
John H.	2/18/25	2300	Randy R. Hall	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.																AVG Temp oC <u>4</u>							

## Envirotech Analytical Laboratory

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**Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes
<b>Sample Cooler</b>	
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
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Report to:  
Lynsey Coons



5796 U.S. Hwy 64  
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## 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

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,

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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: 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	Reported: 2/25/2025 2:23:28PM
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### S9-SURFACE

**E502167-01**

Analyte	Result	Limit	Dilution	Prepared	Reporting	Notes
					Analyst: BA	
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg				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	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg				Batch: 2508058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg				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	
Surrogate: n-Nonane		86.9 %	61-141	02/19/25	02/19/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg				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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 2/25/2025 2:23:28PM
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## Volatile Organics by EPA 8021B

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 (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	Reported: 2/25/2025 2:23:28PM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	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	Reported: 2/25/2025 2:23:28PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	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	Reported: 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 PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	Reported: 02/25/25 14:23
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

## Chain of Custody

Page 5 of 12

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:														
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	Lab Number	Analysis and Method		EPA Program				Remarks			
11:33	2/17/2025	S		S9-SURFACE				1	GC/MS	Chloride 3000	TEED 1015 - X	RCRA 8 Media	SDWA	CWA				
11:37				S9-1'				2	VOC by 8260	BTX by 8021	GRD/DRD by 8015	DAQ/DOA by 8015	Calibration/Prog	Compliance	Y	or	N	
11:39				S9-2'				3					PWSID #					
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										
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	Barry M. Hume	2/18/25	9:00													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time													
Barry M. Hume	2/18/25	1:50	Michelle Gonzales	2/18/25	1350													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only												
Michelle Gonzales	2/18/25	1700	John J.	2/18/25	1700													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time													
John J.	2/18/25	2300	Theresa R. Hume	2/19/25	0500													
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

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:				E5D2167	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														
Sample Information																		
Time Sampled	Date Sampled	Matrix	No of Containers	Sample ID				Field Filter	Lab Number	Chloride 300.0	TCBA 100.5-1K	SDOC-NM	CRAs/Metas	Callout/Action Plan	EPA Program			
12:10	2/17/2025	S		S11-SURFACE					11	VOC by 8260	STX by 8021	SDOC-NM	CRAs/Metas	Callout/Action Plan	SDWA	CWA	RCRA	
12:15				S11-1'					12						Compliance	Y	or	N
12:18				S11-2'					13						PWSID #			
12:20				S11-3'					14						Remarks			
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	Verine Atame	2/18/25	9:00													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time													
Verine Atame	2/18/25	1:50	Michelle Gonzales	2/18/25	1350													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only												
Michelle Gonzales	2/18/25	1700	Verine Atame	2/18/25	1700													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time													
Verine Atame	2/18/25	2300	Verine Atame	2/19/25	0500													
Received on ice: <input checked="" type="checkbox"/> Y / 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.																		

## Envirotech Analytical Laboratory

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

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**Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes
<b>Sample Cooler</b>	
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
---	------

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

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  
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	Reported: 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	Reported: 2/25/2025 2:31:15PM
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### S13-SURFACE

**E502168-01**

Analyte	Result	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	
Surrogate: Bromofluorobenzene	97.4 %	70-130		02/19/25	02/20/25	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		02/19/25	02/20/25	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	97.4 %	70-130		02/19/25	02/20/25	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		02/19/25	02/20/25	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 2/25/2025 2:31:15PM
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SW2-3<sup>1</sup>

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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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 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

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							
<i>Surrogate: Bromofluorobenzene</i>	0.496		0.500		99.1	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.521		0.500		104	70-130			
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.491		0.500		98.1	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.520		0.500		104	70-130			
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.500		0.500		100	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.511		0.500		102	70-130			
<i>Surrogate: Toluene-d8</i>	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	
<i>Surrogate: Bromofluorobenzene</i>	0.508		0.500		102	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.519		0.500		104	70-130			
<i>Surrogate: Toluene-d8</i>	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	Reported: 2/25/2025 2:31:15PM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	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	Reported: 2/25/2025 2:31:15PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	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	Reported: 2/25/2025 2:31:15PM
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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 (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 PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	Reported: 02/25/25 14:31
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

## Chain of Custody

Page 7 of 12

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	01058-0001				X	X			
Project Manager: Lynsey Coons				City, State, Zip:													
Address: 5614 N Lovington Hwy				Phone:													
City, State, Zip: Hobbs, NM 88240				Email:				Miscellaneous: Project No. #170-2									
Phone: (575)318-7532																	
Email: Lynsey@pimaoil.com																	
Sample Information																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Field Filter	Lab Number	Analysis and Method				EPA Program			
12:43	2/17/2025	S		S13-SURFACE					1	Chloride 300.0	8600C - NM	ATRA 8 Meters	CEC 1005 TX	SDWA	CWA	RCRA	
12:46				S13-1'					2	VOC by 8260	BTX by 8201	SDO/DRD by 8015	DOC/800 by 8015	Compliance	Y	or	N
12:49				S13-2'					3					PWSID #	Remarks		
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	4:30	Michelle Flame	2/18/25	9:00												
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only											
Michelle Flame	2/19/25	1:50	Michelle Gonzales	2/18/25	1350	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N											
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____											
Michelle Gonzales	2/18/25	1700	J.	2/18/25	1700												
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp oC <u>4</u>											
John H.	2/18/25	2300	Rugby R. 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.																	

## 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:			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																
Sample Information																				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	Field	Chloride 300.0	VOC by 8260	TCEA 1005 - TX	RCRA 8 Nalts	SGDCC - NM	GR01/04/04 8015	DO/DOA by 8015	Comments/Specs	Remarks			
1:19	2/17/2025	S		SW2-SURFACE			11													
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°C on subsequent days.														
Andrew Franco	2/17/25	4:30	Karine Adams	2/18/25	9:00															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
Karine Adams	2/18/25	1:50	Michelle Gonzales	2/18/25	1350															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
Michelle Gonzales	2/18/25	1700	J. R.	2/18/25	1700															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
J. R.	2/18/25	2300	Marylyn R. Hull	2/19/25	0500															
Lab Use Only																				
Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> 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.																				

## Envirotech Analytical Laboratory

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 Carrier: Courier  
 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.

**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
---	------

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

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)

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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: 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	Reported: 2/25/2025 2:48:05PM
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### SW4-SURFACE

**E502169-01**

Analyte	Result	Limit	Dilution	Prepared	Reporting	Notes
					Analyst: SL	
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg				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	
Surrogate: 4-Bromochlorobenzene-PID		82.8 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg				Batch: 2508060
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	02/19/25	02/20/25	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg				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	
Surrogate: n-Nonane		111 %	61-141	02/19/25	02/20/25	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg				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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SW4-1'

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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	Reported: 2/25/2025 2:48:05PM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	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	Reported: 2/25/2025 2:48:05PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	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

## 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	Reported: 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

## LCS (2508075-BS1)

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

Chloride 257 20.0 250 103 90-110

## Matrix Spike (2508075-MS1)

Source: E502169-03 Prepared: 02/19/25 Analyzed: 02/20/25

Chloride 256 20.0 250 ND 102 80-120

## 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

## 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 PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	Reported: 02/25/25 14:48
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

## Chain of Custody

Page 9 of 12

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 01058-0001						X													
Project Manager: Lynsey Coons				City, State, Zip:											X											
Address: 5614 N Lovington Hwy				Phone:																						
City, State, Zip: Hobbs, NM 88240				Email:																						
Phone: (575)318-7532				Miscellaneous: Project No. #170-2																						
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		BOD/DOC - NM		TCDD/1005 - TX		RCRA 8 Metals		Cation/Anion Pkg	
2:02	2/17/2025	S		SW4-SURFACE				1																		
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																		
2:20				SW5-2'				8																		
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°C on subsequent days.										Lab Use Only										
Andrew Franco	2/17/25	4:30	Karimne Flame	2/18/25	9:00																					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																					
Karimne Flame	2/18/25	1:50	Michelle Gonzales	2/18/25	1:50																					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <input checked="" type="checkbox"/> Y / N																				
Michelle Gonzales	2/18/25	1700	M.	2/18/25	1700																					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																					
Michelle Gonzales	2/18/25	2300	Mayhew R. Hall	2/19/25	0500	T1 _____ T2 _____ T3 _____				AVG Temp oC <input checked="" type="checkbox"/> 4																
Mayhew R. Hall	2/18/25	2300	Mayhew R. Hall	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.																										

## Chain of Custody

Client Information				Invoice Information				Lab Use Only		TAT				State					
Client: Pima Environmental Services, LLC				Company: Devon				Lab WO# E502169	Job Number 01058-0007	1D	2D	3D	Std	X	NM	CO	UT	TX	
Project Name: North Thistle 15 CTB 2				Address:										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															
Sample Information																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Field Filter	Lab Number	Chloride 300.0	SGD0C-NM	CaCO <sub>3</sub> 100-74	CRRA Metals	Analysis and Method	EPA Program				
2:30	2/17/2025	S		SW6-SURFACE					11	NOC by 8260	SGD0C-NM	TCDO 100-5-TK	CaCO <sub>3</sub> 100-74	SDWA	CWA	RCRA			
2:33				SW6-1'					12	SGD0C-NM	SGD0C-NM	SGD0C-NM	SGD0C-NM	Compliance	Y	or	N		
2:37				SW6-2'					13	SGD0C-NM	SGD0C-NM	SGD0C-NM	SGD0C-NM	PWSID #					
2:40				SW6-3'					14	SGD0C-NM	SGD0C-NM	SGD0C-NM	SGD0C-NM						
2:44				SW6-4'					15	SGD0C-NM	SGD0C-NM	SGD0C-NM	SGD0C-NM						
2:47				SW7-SURFACE					16	SGD0C-NM	SGD0C-NM	SGD0C-NM	SGD0C-NM						
2:50				SW7-1'					17	SGD0C-NM	SGD0C-NM	SGD0C-NM	SGD0C-NM						
2:53				SW7-2'					18	SGD0C-NM	SGD0C-NM	SGD0C-NM	SGD0C-NM						
2:58				SW7-3'					19	SGD0C-NM	SGD0C-NM	SGD0C-NM	SGD0C-NM						
3:09				SW7-4'					20	SGD0C-NM	SGD0C-NM	SGD0C-NM	SGD0C-NM						
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) Lynsey Coons	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			
Relinquished by: (Signature) Lynsey Coons	Date 2/18/25	Time 1:50	Received by: (Signature) Michelle Gonzales	Date 2/18/25	Time 1350											Received on ice: <input checked="" type="checkbox"/> Y / N			
Relinquished by: (Signature) Michelle Gonzales	Date 2/18/25	Time 1700	Received by: (Signature) Lynsey Coons	Date 2/18/25	Time 1700											T1 _____ T2 _____ T3 _____			
Relinquished by: (Signature) John Jr.	Date 2/18/25	Time 2300	Received by: (Signature) Kathy R. Hell	Date 2/19/25	Time 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.																			

## Envirotech Analytical Laboratory

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 Carrier: Courier  
 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.

**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
---	------

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

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**  
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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: 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	Reported: 2/25/2025 12:12:46PM
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### SW8-SURFACE

**E502170-01**

Analyte	Result	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	
Surrogate: Bromofluorobenzene	95.5 %	70-130		02/19/25	02/20/25	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		02/19/25	02/20/25	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	95.5 %	70-130		02/19/25	02/20/25	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		02/19/25	02/20/25	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 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	Reported: 2/25/2025 12:12:46PM
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SW9-2<sup>1</sup>

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	
Surrogate: Bromofluorobenzene	93.6 %	70-130		02/19/25	02/20/25	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		02/19/25	02/20/25	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	93.6 %	70-130		02/19/25	02/20/25	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		02/19/25	02/20/25	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Reported: 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	Reported: 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	Reported: 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	Reported: 2/25/2025 12:12:46PM
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## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

## 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							
<i>Surrogate: Bromofluorobenzene</i>	0.480		0.500		96.0	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.483		0.500		96.5	70-130			
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.483		0.500		96.5	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.497		0.500		99.4	70-130			
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.481		0.500		96.1	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.492		0.500		98.3	70-130			
<i>Surrogate: Toluene-d8</i>	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	
<i>Surrogate: Bromofluorobenzene</i>	0.485		0.500		97.0	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.501		0.500		100	70-130			
<i>Surrogate: Toluene-d8</i>	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	Reported: 2/25/2025 12:12:46PM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	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	Reported: 2/25/2025 12:12:46PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	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	Reported: 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 PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	Reported: 02/25/25 12:12
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

## Chain of Custody

Page 11 of 12

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	BRK/BY 8021	VO/C BY 8260	GR/DO/DO BY 8015	DO/DO/DO BY 8015	RCRA 8 Metrics	Chloride 300.0	TCEQ 1005-TX	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																Remarks			
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									
Andrew Franco	2/17/25	4:30	Kurine Adams	2/18/25	9:00					Received on ice: Y / N									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time					T1 _____ T2 _____ T3 _____									
Kurine Adams	2/18/25	1:50	Michelle Gonzales	2/18/25	1350					AVG Temp oC 4									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
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	2:300	Hugh C. Henn	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.																			

### Chain of Custody

## Envirotech Analytical Laboratory

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 Carrier: Courier  
 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.

**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
---	------

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

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  
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[whinchman@envirotech-inc.com](mailto:whinchman@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 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	Reported: 3/28/2025 2:15:09PM
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### CS1 -SURFACE -4' COMP.

**E503194-01**

Analyte	Result	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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>93.8 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>91.4 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>100 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>93.4 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>93.4 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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>	<i>101 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>93.4 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>95.4 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 3/28/2025 2:15:09PM
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## Volatile Organics by EPA 8021B

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 (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	Reported: 3/28/2025 2:15:09PM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	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	Reported: 3/28/2025 2:15:09PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	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	Reported: 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 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 14:15
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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 Project Name: North Thistle 15 CTB 2 Project Manager: Lynsey Coons Address: 5614 N Lovington Hwy City, State, Zip: Hobbs, NM 88240 Phone: (575)318-7532 Email: Lynsey@pimaoil.com				Company: Devon Address: City, State, Zip: Phone: Email: Miscellaneous: Project No. #1-170-2				Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
								ED03194	01058- 0051-A	X				X				
Analysis and Method												EPA Program						
												SDWA	CWA	RCRA				
												Compliance	Y	or	N			
												PWSID #						
Remarks																		
Sample Information																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Field	Lab	Lab Number	Field	Lab	Lab Number	Field	Lab	Lab Number		
8:00	3/20/2025	S		CS1- SURFACE-4' COMP.						1								
8:02	3/20/2025	S		CS2- SURFACE-4' COMP.						2								
8:05	3/20/2025	S		CS3- SURFACE-4' COMP.						3								
8:11	3/20/2025	S		CS4- SURFACE-4' COMP.						4								
8:13	3/20/2025	S		CS5- SURFACE-4' COMP.						5								
8:15	3/20/2025	S		CS6- SURFACE-4' COMP.						6								
8:17	3/20/2025	S		CS7- SURFACE-4' COMP.						7								
8:20	3/20/2025	S		CS8- SURFACE-4' COMP.						8								
8:24	3/20/2025	S		CS9- SURFACE-4' COMP.						9								
8:26	3/20/2025	S		CS10- SURFACE-4' COMP.						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	3/20/25	6:06	Karime H. Lane	3/21/25	9:00	Lab Use Only Received on ice: <input checked="" type="checkbox"/> / N T1 _____ T2 _____ T3 _____ AVG Temp oC <u>4</u>												
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time													
Karime H. Lane	3/21/25	2:00	Marissa Gonzalez	3/21/25	2:00													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time													
Marissa Gonzalez	3/21/25	1620	Andrew H.	3/21/25	1630													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time													
Andrew H.	3/21/25	2230	Karime H. Lane	3/24/25	8:00													
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

Page 2 of 9

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Pima Environmental Services, LLC Project Name: North Thistle 15 CTB 2 Project Manager: Lynsey Coons Address: 5614 N Lovington Hwy City, State, Zip: Hobbs, NM 88240 Phone: (575)318-7532 Email: Lynsey@pimaoil.com				Company: Devon Address: City, State, Zip: Phone: Email: Miscellaneous: Project No. #1-170-2				Lab WO# <b>E503194</b> Job Number <b>0058-40057-2</b> <b>X</b>				1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Std <input checked="" type="checkbox"/> <b>X</b>				NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> TX <input type="checkbox"/> <b>X</b>			
Sample Information												Analysis and Method				EPA Program			
												SDWA <input type="checkbox"/> CWA <input type="checkbox"/> RCRA <input type="checkbox"/> Compliance <input type="checkbox"/> Y <input type="checkbox"/> or <input type="checkbox"/> N PWSID # <b>133201</b>							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	Field Filter	Lab Filter	Sample Matrix	Sample Type	Sample Location	Sample Date	Sample Time	Remarks			
8:28	3/20/2025	S		CS11- SURFACE-4' COMP.				11		X	51084080408015	51084080408015	51084080408015	51084080408015	51084080408015				
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 oC on subsequent days.													
Andrew Franco	3/20/25	6:00	Karine Adams	3/21/25	9:00	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp oC <b>4</b>													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Karine Adams	3/21/25	2:00	Mariisa Gonzales	3/21/25	2:00														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Mariisa Gonzales	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	2230	Lynsey M.	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

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.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes
<b>Sample Cooler</b>	
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°CSample 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
---	------

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

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: 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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[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	Reported: 03/28/25 15:16
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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	Reported: 3/28/2025 3:16:22PM
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### CS21 -SURFACE -4' COMP.

**E503195-01**

Analyte	Result	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	Reported: 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	Reported: 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	Reported: 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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>95.8 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>95.8 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>102 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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	Reported: 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>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.4 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.4 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>99.9 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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	Reported: 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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.6 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>107 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.6 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>107 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>104 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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	Reported: 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	Reported: 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>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.9 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.9 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>99.1 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.6 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.6 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>105 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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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### 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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.7 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.7 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>104 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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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### 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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.2 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>107 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.2 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>107 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>102 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.9 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>107 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.9 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>107 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>101 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>94.4 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>94.4 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>100 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>102 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.8 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>102 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.8 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>98.5 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>100 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.7 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>100 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.7 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>101 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.3 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.3 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>103 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>102 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>102 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>100 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>101 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>101 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>101 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>101 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.2 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>101 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.2 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>99.1 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/26/25</i>	
<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>	<i>102 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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	Reported: 3/28/2025 3:16:22PM
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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 (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							
<i>Surrogate: Bromofluorobenzene</i>	0.515	0.500		103	70-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.456	0.500		91.1	70-130				
<i>Surrogate: Toluene-d8</i>	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				
<i>Surrogate: Bromofluorobenzene</i>	0.537	0.500		107	70-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.490	0.500		98.0	70-130				
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.524	0.500		105	70-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.491	0.500		98.1	70-130				
<i>Surrogate: Toluene-d8</i>	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	
<i>Surrogate: Bromofluorobenzene</i>	0.536	0.500		107	70-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.489	0.500		97.8	70-130				
<i>Surrogate: Toluene-d8</i>	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	Reported: 3/28/2025 3:16:22PM
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## Nonhalogenated Organics by EPA 8015D - GRO

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 (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	Reported: 3/28/2025 3:16:22PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

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

## LCS (2513019-BS1)

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

Chloride 254 20.0 250 102 90-110

## Matrix Spike (2513019-MS1)

Source: E503195-04 Prepared: 03/24/25 Analyzed: 03/24/25

Chloride 257 20.0 250 ND 103 80-120

## 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

## 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 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
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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 Project Name: North Thistle 15 CTB 2 Project Manager: Lynsey Coons Address: 5614 N Lovington Hwy City, State, Zip: Hobbs, NM 88240 Phone: (575)318-7532 Email: lynsey@pimaoil.com				Company: Devon Address: City, State, Zip: Phone: Email: Miscellaneous: Project No. #1-170-2				Lab WO# <b>E503195</b> <b>01058.009.1</b> <b>X</b>				Job Number <b>1D</b> <b>2D</b> <b>3D</b> <b>Std</b> <b>X</b>				NM CO UT TX <b>X</b>			
Sample Information												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Field Fld	Lab Number	Technique/Analyte				SDWA	CWA	RCRA			
8:53	3/20/2025	S		CS21- SURFACE-4' COMP.					1	VOC/BC/2260				X	RCRA 8 Methods				
8:58	3/20/2025	S		CS22- SURFACE-4' COMP.					2	VOC/BC/2260				X					
9:01	3/20/2025	S		CS23- SURFACE-4' COMP.					3	VOC/BC/2260				X					
9:03	3/20/2025	S		CS24- SURFACE-4' COMP.					4	VOC/BC/2260				X					
9:05	3/20/2025	S		CS25- SURFACE-4' COMP.					5	VOC/BC/2260				X					
9:07	3/20/2025	S		CS26- SURFACE-4' COMP.					6	VOC/BC/2260				X					
9:09	3/20/2025	S		CS27- SURFACE-4' COMP.					7	VOC/BC/2260				X					
9:11	3/20/2025	S		CS28- SURFACE-4' COMP.					8	VOC/BC/2260				X					
9:15	3/20/2025	S		CS29- SURFACE-4' COMP.					9	VOC/BC/2260				X					
9:17	3/20/2025	S		CS30- SURFACE-4' COMP.					10	VOC/BC/2260				X					
Additional Instructions: W/O # 21150699												Remarks							
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.												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.							
Sampled by: Andrew Franco												Lab Use Only							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
Andrew Franco		3/20/25	6:00	Karime Adame		3/21/25	9:00	Marissa Gonzales		3-21-25	2:00	Karime Adame		3/21/25	9:00	Marissa Gonzales		3-21-25	2:00
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
Karime Adame		3/21/25	7:00	Marissa Gonzales		3-21-25	2:00	Marissa Gonzales		3-21-25	2:00	Marissa Gonzales		3-21-25	2:00	Marissa Gonzales		3-21-25	2:00
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
Marissa Gonzales		3-21-25	1620	Karime Adame		3-21-25	1630	Karime Adame		3-21-25	1630	Karime Adame		3-21-25	1630	Karime Adame		3-21-25	1630
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
Karime Adame		3-21-25	2230	Karime Adame		3-21-25	800	Karime Adame		3-21-25	800	Karime Adame		3-21-25	800	Karime Adame		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.												T1 _____ T2 _____ T3 _____ AVG Temp oC <b>4</b>							

## 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:				E50319501058-009-A					X						
Project Manager: Lynsey Coons				City, State, Zip:										X					
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				Lab Number	Filter	Filter	CEC by 2250	CEC by 8021	SDOC-NM	SDOC-NM	RCRA 8 Methods	RCRA 8 Methods	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												Remarks							
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 Hame	3/21/25	9:00	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Karime Hame	3/21/25	2:00	Maria Gonzalez	3-21-25	1400														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Maria Gonzalez	3-21-25	1620	John M.	3-21-25	1630	T1		T2		T3									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
John M.	3-21-25	2230	Caitlin Mar	3-24-25	800	AVG Temp oC	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.																			

## Envirotech Analytical Laboratory

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.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes
<b>Sample Cooler</b>	
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°CSample 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
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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

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,

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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 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	Reported: 3/28/2025 8:44:31AM
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### CS41 -SURFACE -4' COMP.

**E503196-01**

Analyte	Result	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	
Surrogate: Bromofluorobenzene	105 %	70-130		03/24/25	03/24/25	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		03/24/25	03/24/25	
Surrogate: Toluene-d8	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	
Surrogate: Bromofluorobenzene	105 %	70-130		03/24/25	03/24/25	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		03/24/25	03/24/25	
Surrogate: Toluene-d8	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	
Surrogate: n-Nonane	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	Reported: 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	Reported: 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>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>93.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>107 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>93.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>107 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>91.4 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.2 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.2 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>100 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.6 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.6 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>97.2 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>95.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>95.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>97.1 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.8 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.8 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>97.1 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>99.6 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.4 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.4 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>102 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>102 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>102 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>99.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>104 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>97.9 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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>	<i>100 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.0 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>100 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.0 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>90.3 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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	Reported: 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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.9 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.9 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/24/25</i>	
<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>	<i>102 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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	Reported: 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	Reported: 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	Reported: 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	Reported: 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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.6 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.6 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>94.0 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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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### 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	Reported: 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	Reported: 3/28/2025 8:44:31AM
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## Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	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							
<i>Surrogate: Bromofluorobenzene</i>	0.527		0.500		105	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.484		0.500		96.7	70-130			
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.535		0.500		107	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.481		0.500		96.2	70-130			
<i>Surrogate: Toluene-d8</i>	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			
<i>Surrogate: Bromofluorobenzene</i>	0.528		0.500		106	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.481		0.500		96.1	70-130			
<i>Surrogate: Toluene-d8</i>	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	
<i>Surrogate: Bromofluorobenzene</i>	0.533		0.500		107	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.502		0.500		100	70-130			
<i>Surrogate: Toluene-d8</i>	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	Reported: 3/28/2025 8:44:31AM
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## Nonhalogenated Organics by EPA 8015D - GRO

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 (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	Reported: 3/28/2025 8:44:31AM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	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		III	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	Reported: 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

## LCS (2513021-BS1)

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

Chloride 256 20.0 250 102 90-110

## Matrix Spike (2513021-MS1)

Source: E503196-02 Prepared: 03/24/25 Analyzed: 03/24/25

Chloride 257 20.0 250 ND 103 80-120

## 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

## 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 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 08:44
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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:				E50396	D1057.00007	X			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	Lab Number	Method	QA Status	Comments/Actions	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	10:06	Larime Adams	3/21/25	9:00														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only													
Larime Adams	3/21/25	7:00	Maryssa Gonzales	3-21-25	1600	Received on ice: <input checked="" type="radio"/> N													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____													
Maryssa Gonzales	3-21-25	1620	John N.	3.21.25	1630														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp oC													
John N.	3.21.25	2230	Willie 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

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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:				E50396	01058.002.1A	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															
Analysis and Method																EPA Program			
Sample Information																SDWA	CWA	RCRA	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	Field Filter	Chloride 300.0	Cr/Co/Alum/Ph	IC/CR/A 8 Metres	TE/ED 1005 TX	VOC by 8660	SG/OC - NM	OC/Co by 8660	OC/Co by 8660	Compliance Y or N	
10:32	3/20/2025	S		CS51- SURFACE-4' COMP.				11		X							PWSID #		
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	3/20/2025	S		CS59- SURFACE-4' COMP.				19		X									
11:11	3/20/2025	S		CS60- SURFACE-4' COMP.				20		X									
Additional Instructions: W/O # 21150699																Remarks			
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	16:06	Yarime Adame	3/21/25	9:00	Lab Use Only													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N													
Karime Adame	3/21/25	2:00	Mariisa Gonzales	3/21/25	14:00	T1 _____ T2 _____ T3 _____													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp oC 4													
Marissa Gonzales	3/21/25	16:20	Andrew M.	3/21/25	16:30														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
John M.	3/21/25	22:30	Caitlin Hau	3/24/25	8:00														
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

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 Carrier: Courier  
 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.

**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
---	------

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

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: 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,

**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	Reported: 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	Reported: 4/1/2025 1:39:53PM
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### CS61 -SURFACE -4' COMP.

**E503197-01**

Analyte	Result	Limit	Reporting			Notes
			Dilution	Prepared	Analyzed	
<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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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>	<i>106 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>92.3 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>105 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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>	<i>101 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>93.1 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>111 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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>	<i>101 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>94.4 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>107 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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>	<i>103 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>93.5 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>117 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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>	<i>100 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>93.1 %</i>	<i>70-130</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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>	<i>108 %</i>	<i>61-141</i>		<i>03/24/25</i>	<i>03/25/25</i>	
<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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID	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	
Surrogate: 1-Chloro-4-fluorobenzene-FID	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	
Surrogate: n-Nonane	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	Reported: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		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	Reported: 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	Reported: 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	Reported: 4/1/2025 1:39:53PM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	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	Reported: 4/1/2025 1:39:53PM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	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	Reported: 4/1/2025 1:39:53PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	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	Reported: 4/1/2025 1:39:53PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	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	Reported: 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

## LCS (2513020-BS1)

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

Chloride 254 20.0 250 102 90-110

## 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

## 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

## 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: 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

## LCS (2513038-BS1)

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

Chloride 256 20.0 250 102 90-110

## Matrix Spike (2513038-MS1)

Source: E503197-07 Prepared: 03/25/25 Analyzed: 03/25/25

Chloride 258 20.0 250 ND 103 80-120

## 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

## 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 PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Lynsey Coons	Reported: 04/01/25 13:39
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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 Project Name: North Thistle 15 CTB 2 Project Manager: Lynsey Coons Address: 5614 N Lovington Hwy City, State, Zip: Hobbs, NM 88240 Phone: (575)318-7532 Email: Lynsey@pimaoil.com				Company: Devon Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Miscellaneous: Project No. #1-170-2				Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
								E503197	0108-0007			X		X				
Analysis and Method												EPA Program						
												SDWA	CWA	RCRA				
												Compliance	Y	or	N			
												PWSID #						
Remarks																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	Lab Filter	Container/Matrix/Type	Method	Lab ID	Lab Date	SDWA	CWA	RCRA		
11:19	3/20/2025	S		CS61- SURFACE-4' COMP.				1		SGDC-NM	VOC by 8260	SGDC-NM	2024-03-21	X				
11:21	3/20/2025	S		CS62- SURFACE-4' COMP.				2		SGDC-NM	VOC by 8260	SGDC-NM	2024-03-21	X				
11:26	3/20/2025	S		CS63- SURFACE-4' COMP.				3		SGDC-NM	VOC by 8260	SGDC-NM	2024-03-21	X				
11:30	3/20/2025	S		CS64- SURFACE-4' COMP.				4		SGDC-NM	VOC by 8260	SGDC-NM	2024-03-21	X				
11:36	3/20/2025	S		CS65- SURFACE-4' COMP.				5		SGDC-NM	VOC by 8260	SGDC-NM	2024-03-21	X				
11:40	3/20/2025	S		CS66- SURFACE-4' COMP.				6		SGDC-NM	VOC by 8260	SGDC-NM	2024-03-21	X				
11:45	3/20/2025	S		CS67- SURFACE-4' COMP.				7		SGDC-NM	VOC by 8260	SGDC-NM	2024-03-21	X				
11:50	3/20/2025	S		CSW1- SURFACE-4' COMP.				8		SGDC-NM	VOC by 8260	SGDC-NM	2024-03-21	X				
11:53	3/20/25	S		CSW2- SURFACE-4' COMP.				9		SGDC-NM	VOC by 8260	SGDC-NM	2024-03-21	X				
11:59	3/20/25	S		CSW3- SURFACE-4' COMP.				10		SGDC-NM	VOC by 8260	SGDC-NM	2024-03-21	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	0:06	Karime Adams	3/21/25	9:00	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N												
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													
Marissa Gonzales	3-21-25	1600	Reilly Man	3-21-25	1630	T1	—	T2	—	T3								
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time													
Reilly Man	3-21-25	2200	Reilly Man	3-24-25	800	AVG Temp oC	4											
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

Page 8 of 9

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											
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																									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	Field Filter	Chloride 300.0	TEED 100.5	ACHA 8 Metals	Chloride 300.0	TEED 100.5 - TX	ACHA 8 Metals	Chloride 300.0	TEED 100.5 - TX	SDWA	CWA	RCRA	Remarks				
12:02	3/20/2025	S		CSW4- SURFACE-4' COMP.				11	X	VOClay 8860	STEX by 8021	3600C - NM	VOClay 8860	STEX by 8021	3600C - NM	VOClay 8860	STEX by 8015								
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	3/20/2025	S		CSW12- SURFACE-4' COMP.				19				X													
12:40	3/20/2025	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.																			
Andrew Franco	3/20/25	6:06	Karina Adams	3/21/25	9:00	Lab Use Only																			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																				
Relinquished by: (Signature)	3/21/25	2:00	Received by: (Signature)	3-21-25	1400																				
Relinquished by: (Signature)	3-21-25	1600	Received by: (Signature)	3.21.25	1630																				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																				
Relinquished by: (Signature)	3.21.25	2230	Received by: (Signature)	3.21.25	800																				
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

## Envirotech Analytical Laboratory

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.

**Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes
<b>Sample Cooler</b>	
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
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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**

Prerequisites	
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

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

Site Name	NORTH THISTLE 15 CTB 2
Date Release Discovered	12/23/2019
Surface Owner	Federal

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

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

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

Crude Oil Released (bbls) Details	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)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

<b>Initial Response</b>	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	<i>Not answered.</i>

*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@dvn.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
<b>Soil Contamination Sampling:</b> (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
OR which OCD approved well (API) will be used for <b>off-site</b> disposal	<i>Not answered.</i>
OR is the <b>off-site</b> disposal site, to be used, out-of-state	<i>Not answered.</i>
OR is the <b>off-site</b> disposal site, to be used, an NMED facility	<i>Not answered.</i>
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>Not answered.</i>

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

I 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
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*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.*

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 5

Action 543027

**QUESTIONS (continued)**

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

**Deferral Requests Only**

*Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*

Requesting a deferral of the remediation closure due date with the approval of this submission	No
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QUESTIONS, Page 6

Action 543027

**QUESTIONS (continued)**

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

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	442181
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/20/2025
What was the (estimated) number of samples that were to be gathered	81
What was the sampling surface area in square feet	13246

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	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@dvn.com Date: 01/14/2026
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Action 543027

**QUESTIONS (continued)**

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  543027
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**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	<input type="checkbox"/> 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