



DEFERRAL CLOSURE REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC.

May 26, 2026
PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240



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

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

RE: Deferral Closure Report
LOCATION: North Thistle 15 CTB 2
FACILITY ID: fAPP21228588485
WELL API: N/A
GPS: 32.29849, -103.56582
INCIDENT LOCATION: M-15-T23S-R33E
COUNTY: Lea
NMOCD REF. NO. NAPP2515572571

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

RELEASE INFORMATION

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

SITE CHARACTERIZATION

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

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote and Maljamar fine sands, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the North Thistle (Figure 3). A Topographic Map is referenced in Figure 2.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04664-POD1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.06



miles away from the North Thistle, drilled, September 7, 2022. Conversely, as per the United States Geological Survey well water data (USGS321952103400801), the nearest groundwater depth in this region is recorded at 487 feet BGS, situated approximately 6.91 miles away from the North Thistle, with the last gauge conducted in 2012. The nearest water feature is a Salt Playa located approximately 8.67 miles to the east of this site. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps. Closure criteria for this release area will be according to the 51-100' section of Table 1 19.15.29 NMAC. The regulatory limits for release on pad area are as follows. Chlorides should be less than 10,000 mg/kg, TPH (GRO+DRO+MRO) should be less than 2,500 mg/kg, BTEX should be less than 50 mg/kg, and Benzene should be less than 10 mg/kg.

CULTURAL PROPERTIES PROTECTION

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

BIOLOGICALLY SENSITIVE AREAS

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

SITE ASSESSMENT

On August 20, 2025, Pima Environmental Services mobilized personnel to the site to conduct delineation activities. A total of Eight (8) vertical samples labeled S1-S8, and seven (7) horizontal samples labeled SW1-SW8 were collected. These samples were collected from surface, 1', 2', 3', and 4' bgs. On October 9, 2025, Pima returned to the site to collect additional delineation samples from sample points S4 and S5 at 5' in order to achieve full delineation. Additional samples were collected for sidewall samples SW3, SW4, SW5, SW6 & SW7 from surface, 1', 2', 3', and 4' bgs. These samples had to be extended laterally in order to accurately determine the extent of the release. The samples were submitted for laboratory analysis to evaluate total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel, and gasoline range organics (MRO, DRO, and GRO) using EPA Method 8015D. A summary of the analytical results is presented in the data table found in Figure 4, with complete laboratory reports provided in Appendix E.

REMEDIATION ACTIVITIES

On December 9, 2025, Pima Environmental Services and Devon Energy deployed a construction crew to conduct remediation of the impacted areas. Excavation depths were determined based on soil sample locations and analytical results. Sample locations S5, S7, S8, SW7 were excavated to a depth of 1' bgs, totaling approximately 650 square feet and 24 cubic yards. Sample locations S1, S2, S6, SW5, and SW6 were excavated to a depth of 2' bgs, totaling approximately 600 square feet and 44 cubic yards. The contaminated material was securely transported to R360, a New Mexico Oil Conservation (NMOCD)-approved disposal facility for proper disposal. An Excavation Map is referenced in Figure 7.

On December 12, 2025, Devon Energy submitted a 48-hour sampling notification, referenced in Appendix C. On December 16, 2025, a Pima Environmental field technician performed a confirmation sampling event at the site to



confirm contamination had been removed during the remedial excavation. A total of eight (8) composite samples labeled CS1-CS8 were collected from the bottoms of the excavated areas, and a total of eight (8) composite sidewall samples labeled CSW1-CSW8 were collected. Each sidewall sample represented a five-point composite collected vertically along the full extent of the excavation sidewalls, from the base to the surface, ensuring comprehensive spatial representation. The sampling methodology adhered to standard industry protocols for post-excavation verification. Each soil sample was a 5-point composite collected from the excavated area, specifically representing an area not exceeding 200 square feet of the open excavation. A total of sixteen (16) samples were collected for laboratory analysis using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and 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 Laboratories. A summary of the analytical results is presented in the data table found in Figure 4, with complete laboratory reports provided in Appendix E. A Confirmation Sample Map is referenced in Figure 8.

Upon confirmation that all soil samples met the closure standards set by the New Mexico Oil Conservation Division (NMOCD), clean backfill matching the natural soil horizons was brought in and utilized to restore the excavated area, returning it to its original state.

DEFERRAL REQUEST

In total, 68 cubic yards of soil were excavated and properly disposed of. Areas located beneath the separator and pipelines were not excavated as they would require deconstruction of the infrastructure. These areas were fully delineated and do not show high levels of contamination, and do not pose imminent risk to the environment based on the depth to groundwater at the North Thistle. The gross impacts have been removed from the site via excavation, and the limited residual impacts are located under the structures and pipelines, preventing full excavation. Based on the excavation activities, and existing delineation data, Pima respectfully requests deferral of final remedial actions for this incident until the well is no longer needed for production or further drilling operations. At the time of reclamation, any residual impacted soil underneath and around all structures will be excavated and disposed of at a NMOCD approved disposal facility. A Deferral Area Map can be found in Figure 9.

COUNTERMEASURES DUE TO REJECTION

A Deferral Closure Report was submitted to the NMOCD on April 13, 2026, and was denied on April 24, 2026 (Application ID: 574388).

On April 24, 2026, the NMOCD denied the Closure Report citing:

“The OCD has rejected the submitted Application for administrative approval of a release and notification and corrective action (C-141), for incident NAPP2515572571, for the following reasons:

- The deferral request is denied. The deferral request must specify which samples points are being requested for deferral including and explanation why the contaminants can't be removed. Please specify which sample points are being requested for deferral. Also include a clear overhead image showing those sample points and the area to be deferred. The deferral area must be fully delineated.

In response to the rejection, sample point labeled S1 is being requested for deferral, a total of 310 sqft. This sample point lies in an area between separators. Areas located beneath the separators and pipelines were not excavated as they would require deconstruction of the infrastructure. The area underlying sample point S1 was fully delineated and does not show



high levels of contamination and does not pose imminent risk to the environment based on the depth to groundwater at the North Thistle. The gross impacts have been removed from the site via excavation, and the limited residual impacts are located under the structures and pipelines, preventing full excavation. Based on the excavation activities, and existing delineation data, Pima respectfully requests deferral of final remedial actions for this incident until the well is no longer needed for production or further drilling operations. At the time of reclamation, any residual impacted soil underneath and around all structures will be excavated and disposed of at a NMOCD approved disposal facility. A Deferral Area Map can be found in Figure 9 and is now labeled with sample point S1.

CLOSURE REQUEST

After careful review, Pima requests that this incident, NAPP2515572571, be closed. Devon Energy has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC. Once the pad is no longer needed for production or further drilling operations, a reclamation report will be submitted ensuring a minimum of four feet of non-waste containing earthen material. Additionally, a revegetation plan will be submitted for review and approval.

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

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

Pima Environmental – DelRae Geller at 806-724-5391 or delrae@pimaoil.com.

Respectfully,

DelRae Geller

DelRae Geller

Project Manager

Pima Environmental Services, LLC



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North Thistle 15 CTB 2 | NAPP2515572571

Page 4 | 5

ATTACHMENTS

FIGURES:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tables
- 5- Site Map
- 6- Proposed Excavation Map
- 7- Excavation Map
- 8- Confirmation Sample Map
- 9- Deferral Area Map

APPENDICES:

Appendix A – Water Surveys and Water Related Maps

Appendix B – Soil Survey, Geological Data

Appendix C – 48-Hour Sampling Notification

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports



FIGURES

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Tableless
- 5- Site Map
- 6- Proposed Excavation Map
- 7- Excavation Map
- 8- Confirmation Sample Map
- 9- Deferral Area Map



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DEVON ENERGY PRODUCTION, LP.

North Thistle 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
Location Map

Legend

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

North Thistle 15 CTB 2

Jal

Bennett

Andrews Place

Google Earth

Image © 2025 Airbus

10 mi

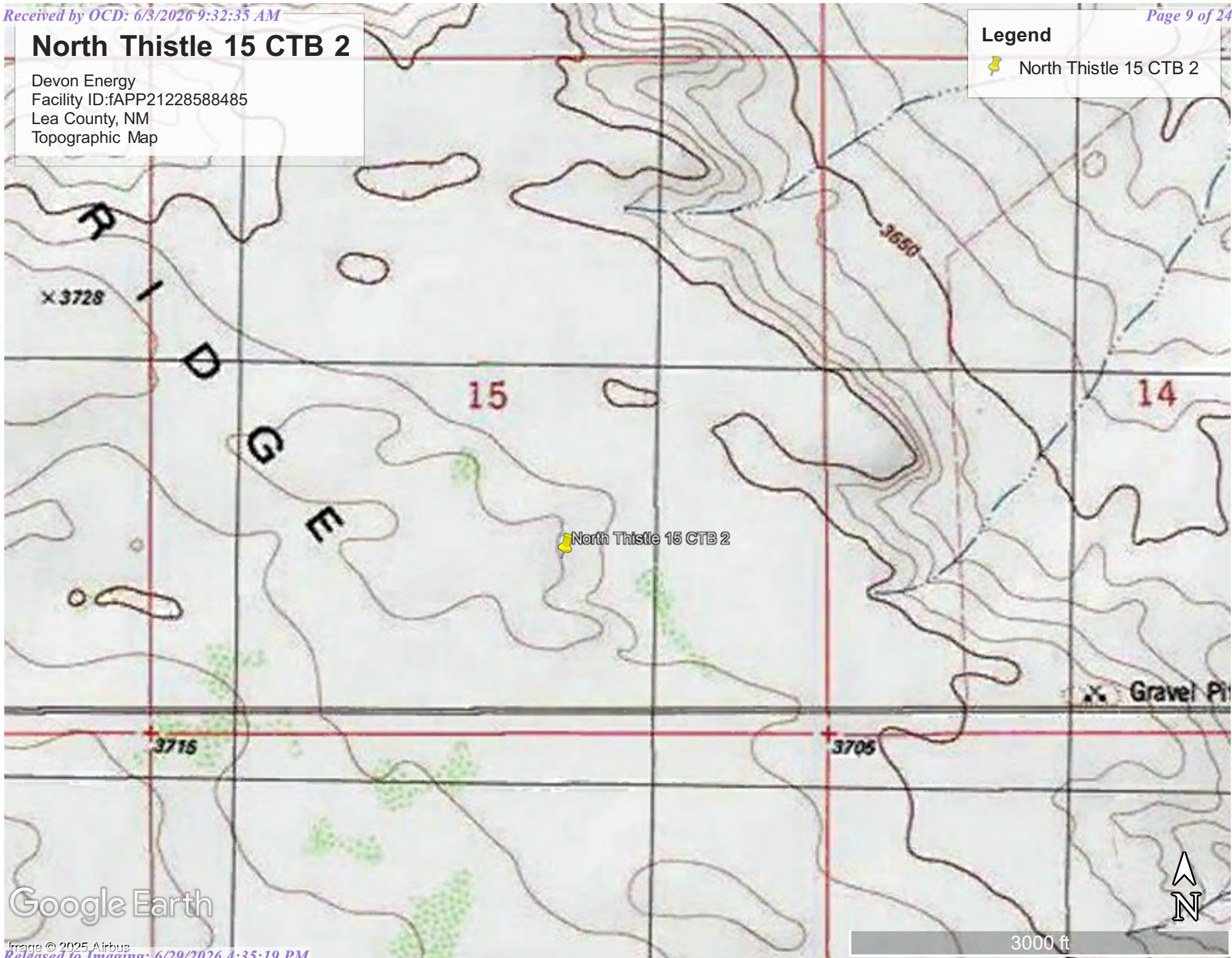


North Thistle 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
Topographic Map

Legend

 North Thistle 15 CTB 2



Google Earth

North Thistle 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
Karst Map

Legend

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

 North Thistle 15 CTB 2

Google Earth

Image © 2025 Airbus

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9 mi

DATA TABLES

8-20-2024 SOIL SAMPLE RESULTS

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



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



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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2								
Date: 8-20-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
SW6	Surface	ND	ND	ND	988	679	1667	583
	1'	ND	ND	ND	3950	1660	5610	1670
	2'	ND	ND	ND	29	ND	29	314
	3'	ND	ND	ND	ND	ND	ND	170
	4'	ND	ND	ND	ND	ND	ND	167
SW7	Surface	ND	ND	ND	2720	1460	4180	686
	1'	ND	ND	ND	80.1	ND	80.1	48.7
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	22.5

ND/0-Analyte Not Detected

10-9-25 ADDITIONAL DELINEATION SAMPLES

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2								
Date: 10-9-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S4	5'	ND	ND	ND	ND	ND	ND	ND
S5	5'	ND	ND	ND	ND	ND	ND	ND
SW3	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW4	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND



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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2								
Date: 10-9-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
SW5	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW6	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW7	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

ND/0-Analyte Not Detected



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DEVON ENERGY PRODUCTION, LP.

12/16/2025 CONFIRMATION SAMPLES

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY North Thistle 15 CTB 2								
Date: 12-16-2025		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	2' COMP	ND	ND	ND	ND	ND	ND	28.7
CS2	1' COMP	ND	ND	ND	ND	ND	ND	ND
CS3	2' COMP	ND	ND	ND	ND	ND	ND	26.2
CS4	1' COMP	ND	ND	ND	ND	ND	ND	ND
CS5	1' COMP	ND	ND	ND	ND	ND	ND	31.2
CS6	1' COMP	ND	ND	ND	ND	ND	ND	25.1
CS7	2' COMP	ND	ND	ND	ND	ND	ND	ND
CS8	2' COMP	ND	ND	ND	ND	ND	ND	ND
CSW1	0-2' COMP	ND	ND	ND	ND	ND	ND	ND
CSW2	0-1' COMP	ND	ND	ND	ND	ND	ND	ND
CSW3	0-2' COMP	ND	ND	ND	ND	ND	ND	ND
CSW4	0-1' COMP	ND	ND	ND	ND	ND	ND	ND
CSW5	0-1' COMP	ND	ND	ND	ND	ND	ND	ND
CSW6	0-1' COMP	ND	ND	ND	ND	ND	ND	ND
CSW7	0-2' COMP	ND	ND	ND	ND	ND	ND	ND
CSW8	0-2' COMP	ND	ND	ND	ND	ND	ND	ND

ND/0- Analyte Not Detected



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Rattlesnake 16 SWD #001 NAB1913345254

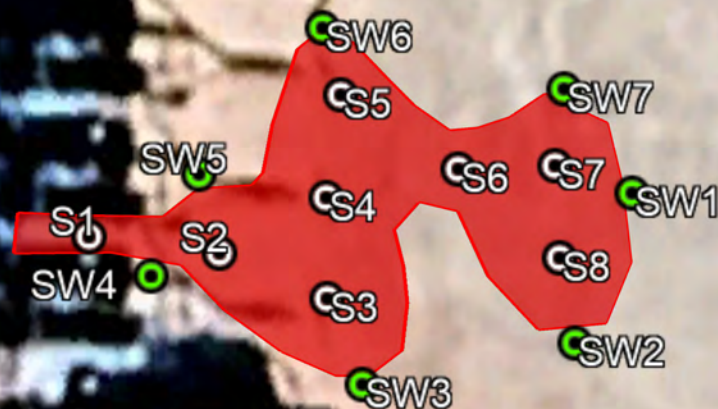
DEVON ENERGY PRODUCTION, LP.

North Thistle 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
Site Map

Legend

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

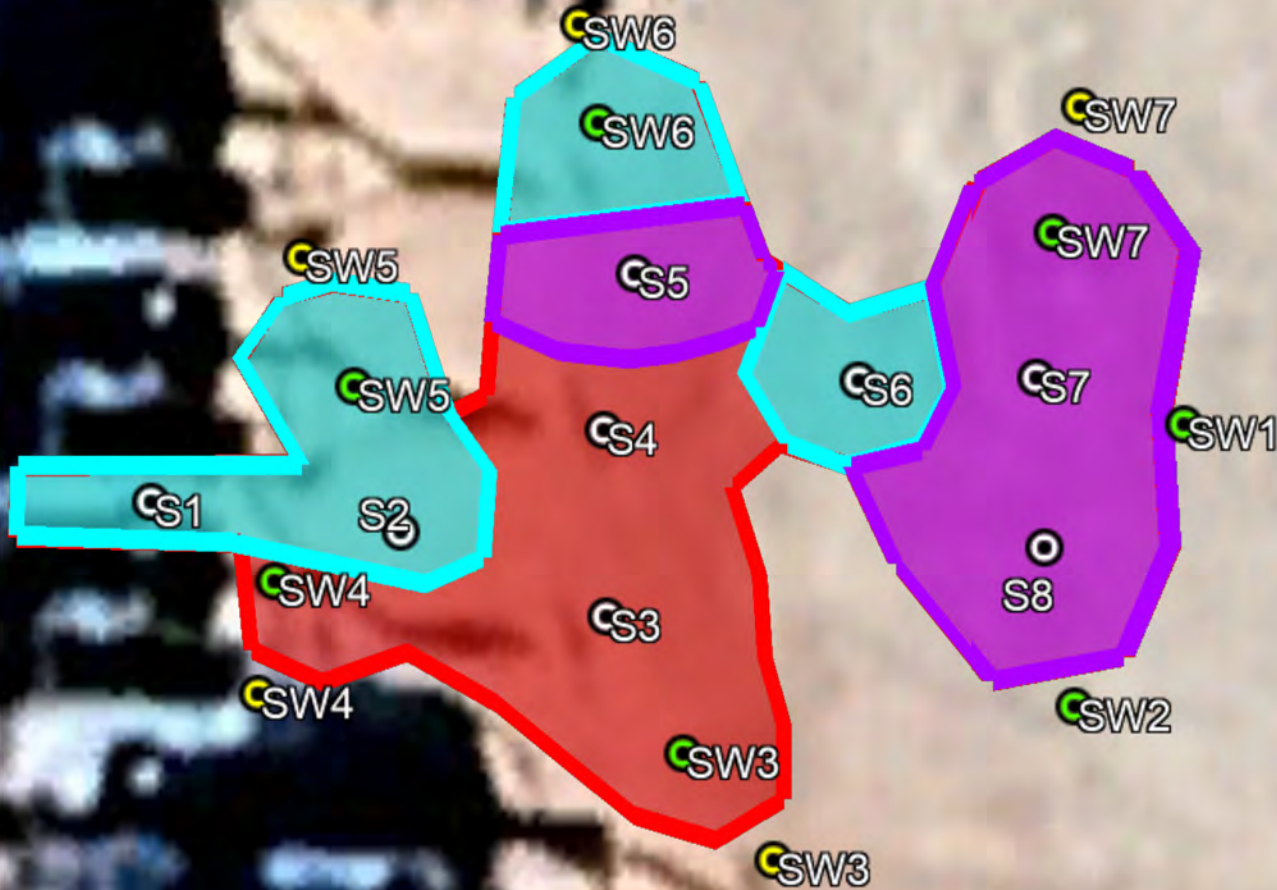


North Thistle 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
Proposed Excavation Map

Legend

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

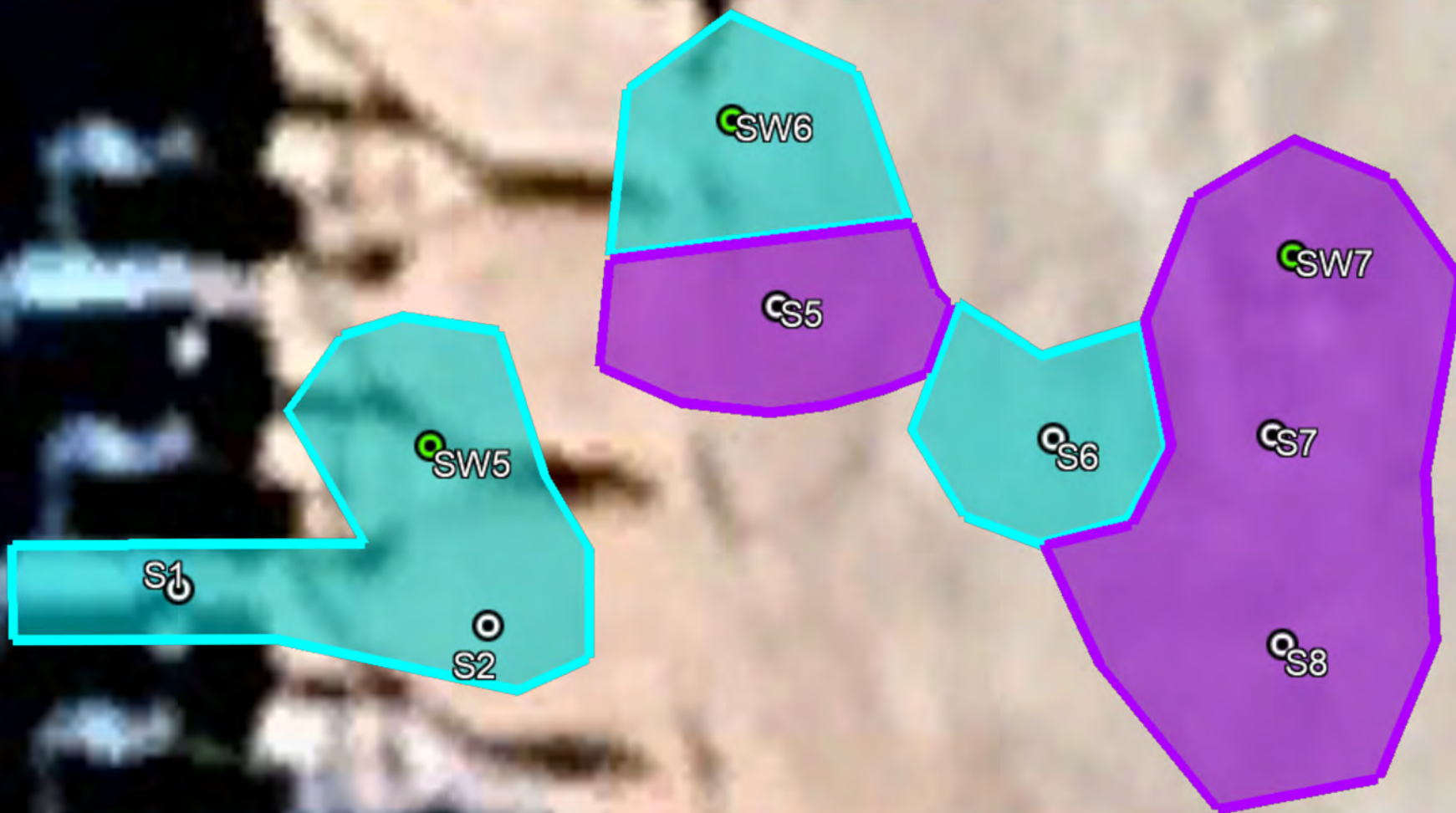


Thistle Unit 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
Excavation Map

Legend

- 650 sqft- 1' Excavation
- 600 sqft- 2' Excavation

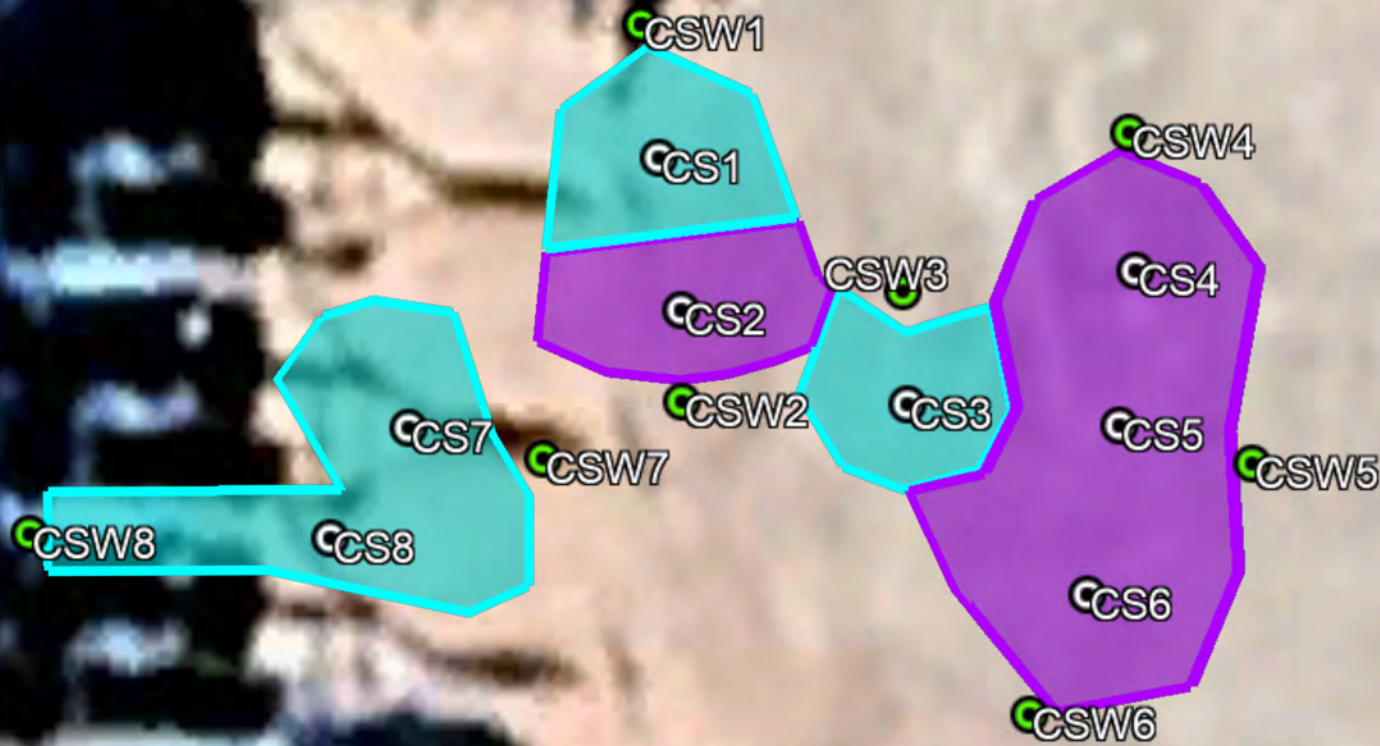


North Thistle 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
Confirmation Sample Map

Legend

- Composite Sidewall Samples
- Composite Bottom Samples



North Thistle 15 CTB 2

Devon Energy
Facility ID: fAPP2122855485
Lea County, NM
Deferral Area Map

Legend

⊙ S1

■ Deferral Area- 310 sqft

S1



APPENDIX A

OSE Water Survey

USGS Water Survey

WWater Related Mapsss



Pima Environmental Services, LLC
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DEVON ENERGY PRODUCTION, LP.

Point of Diversion Summary

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

NAD83 UTM in meters

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

* UTM location was derived from PLSS - see Help

Driller License:

1249

Driller Company:

ATKINS ENGINEERING ASSOC. INC.

Driller Name:

JACKIE D ATKINS

Drill Start Date:

2022-09-07

Drill Finish Date:

2022-09-07

Plug Date:

2022-09-13

Log File Date:

2022-09-26

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

55

Depth Water:

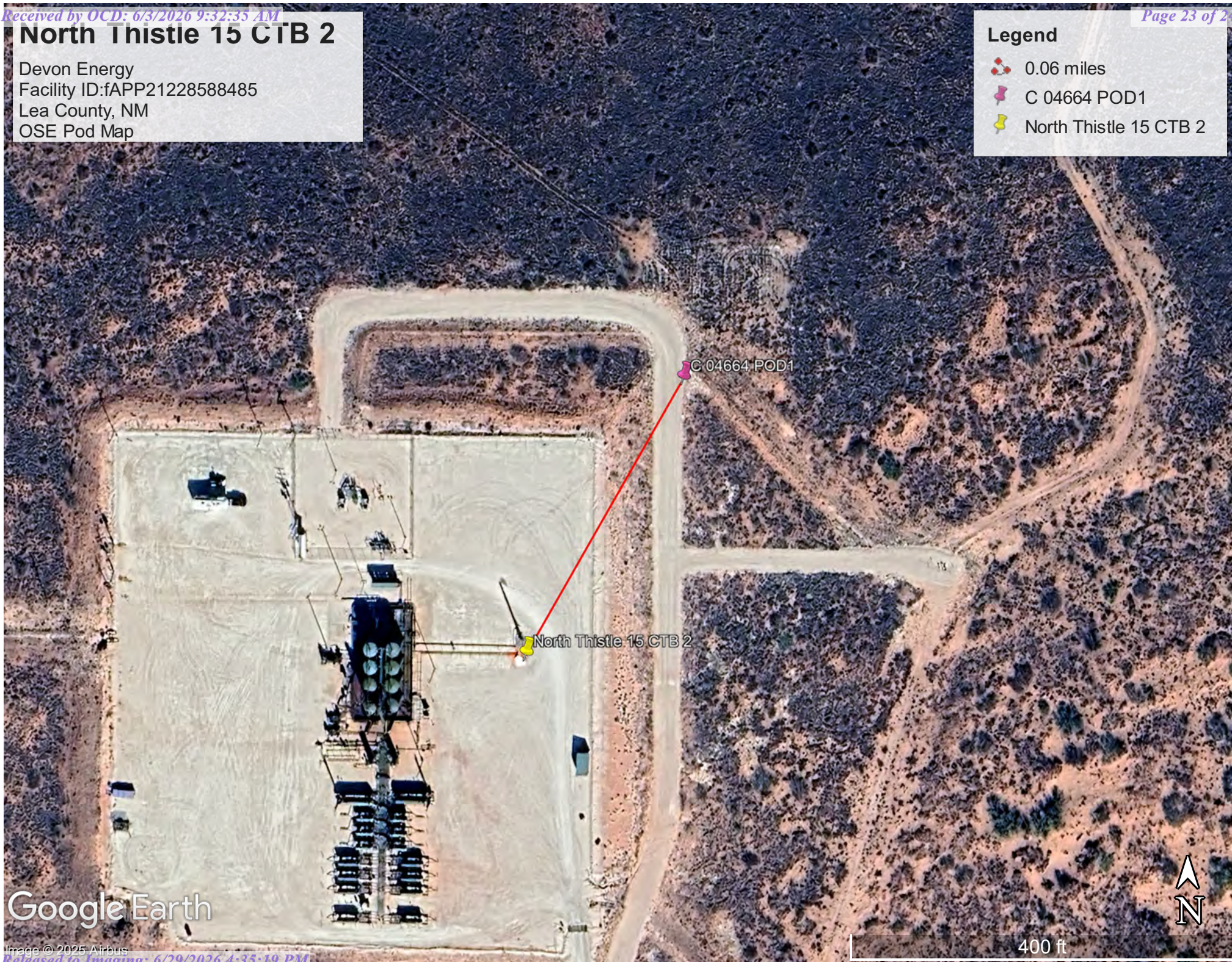
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

North Thistle 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
OSE Pod Map

Legend

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



Google Earth

Image © 2025 Airbus

Released to Imaging: 6/29/2026 4:35:19 PM



400 ft



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

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater ▼

Geographic Area:

United States ▼

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation



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

Search Results -- 1 sites found

site_no list =

- 321952103400801

Minimum number of levels = 1

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

USGS 321952103400801 23S.32E.03.311114

Available data for this site

Groundwater: Field measurements ▼

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

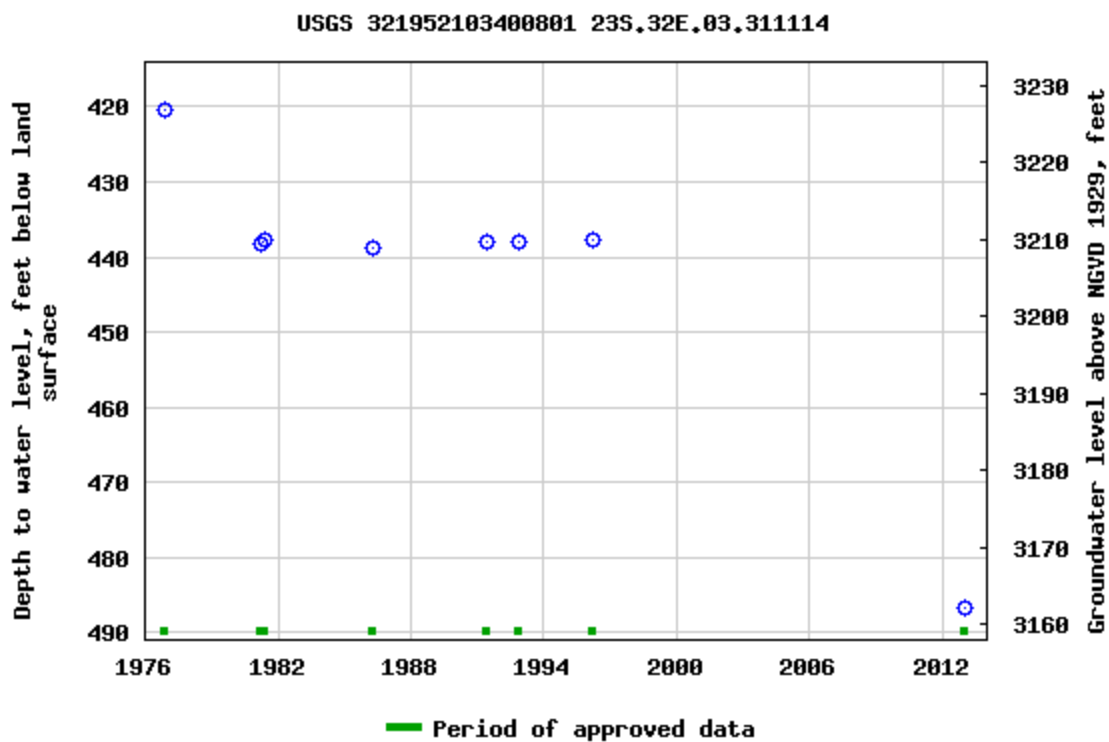
Latitude 32°19'59.2", Longitude 103°40'12.6" NAD83

Land-surface elevation 3,648.00 feet above NGVD29

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

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

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

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

[Download a presentation-quality graph](#)

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[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

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

Title: Groundwater for USA: Water Levels

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



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

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

0.64 0.46 nadww02

North Thistle 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
USGS Map

Legend

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

USGS 321952103400801

North Thistle 15 CTB 2

Google Earth

Image © 2025 Airbus

Released to Imaging: 6/29/2026 4:35:19 PM

3 mi



North Thistle 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
Surface Water Map

Legend

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

North Thistle 15 CTB 2

Salt Playa

Google Earth

Image © 2025 Airbus

Released to Imaging: 6/29/2026 4:35:19 PM

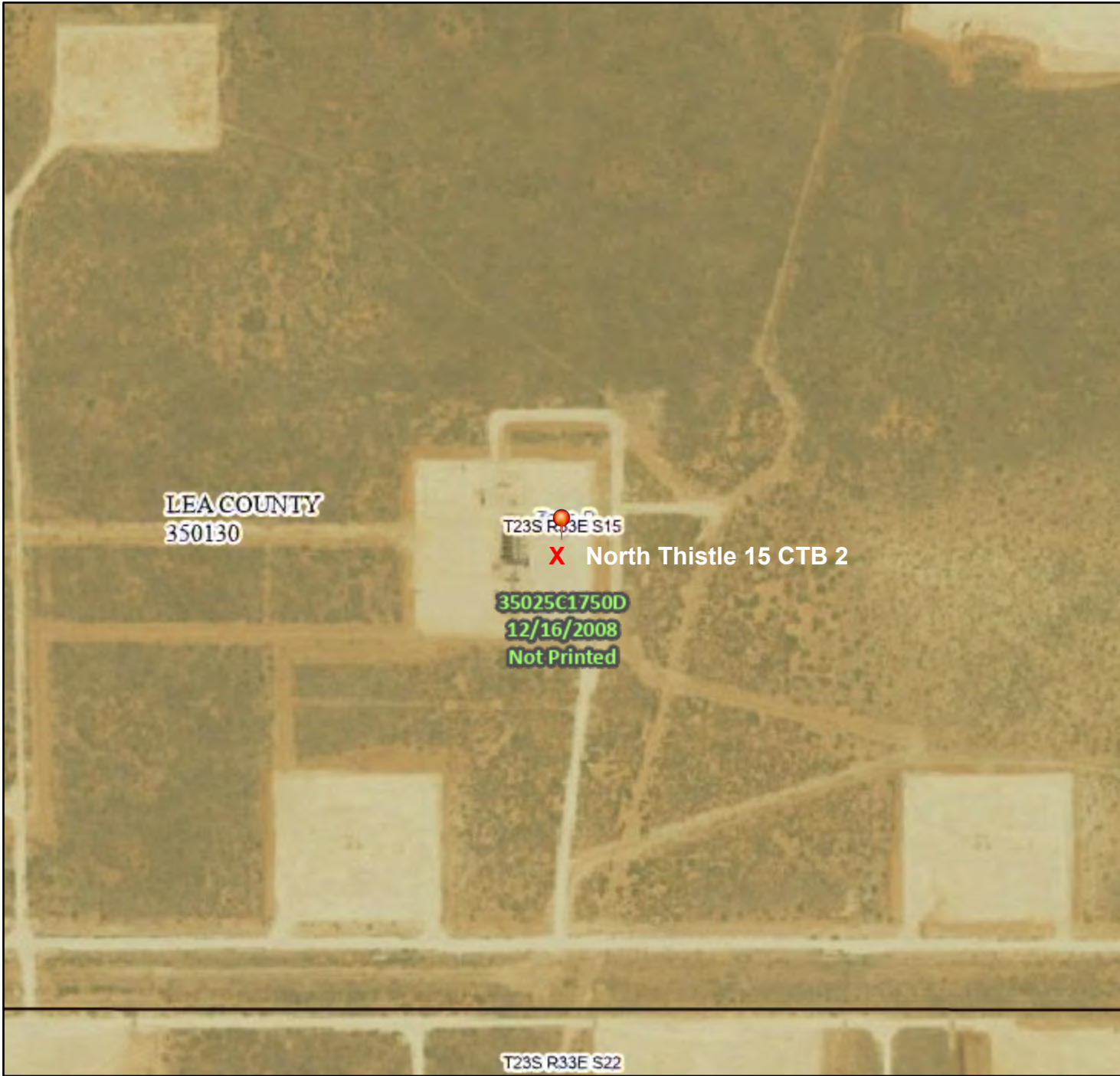
5 mi



National Flood Hazard Layer FIRMMette



103°33'49"W 32°18'19"N



1:6,000

103°33'11"W 32°17'49"N

Legend

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

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

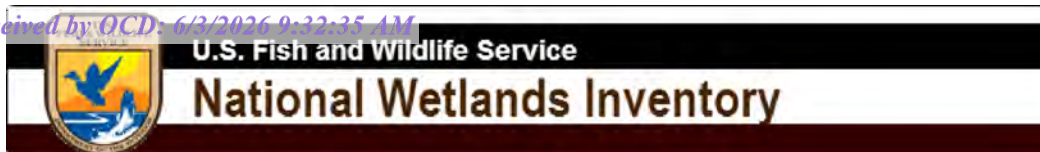


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

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

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



Wetlands Map



February 13, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map



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

DEVON ENERGY PRODUCTION, LP.

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

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Maljamar and similar soils: 44 percent

Minor components: 10 percent

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

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

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

Sodium adsorption ratio, maximum: 2.0

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

Interpretive groups

Land capability classification (irrigated): 6e

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

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

Description of Maljamar

Setting

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

Typical profile

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

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

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

Minor Components

Kermit

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

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

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

Soil Map—Lea County, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

2/13/2025
Page 1 of 3

Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

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

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

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

Map Unit Legend

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

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

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

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

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

Eolian and piedmont deposits

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

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

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

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

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

Name Eolian and piedmont deposits

Geologic age Holocene to middle Pleistocene

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

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

NGMDB product NGMDB product page for 22974
(https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)

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) |

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/>) |

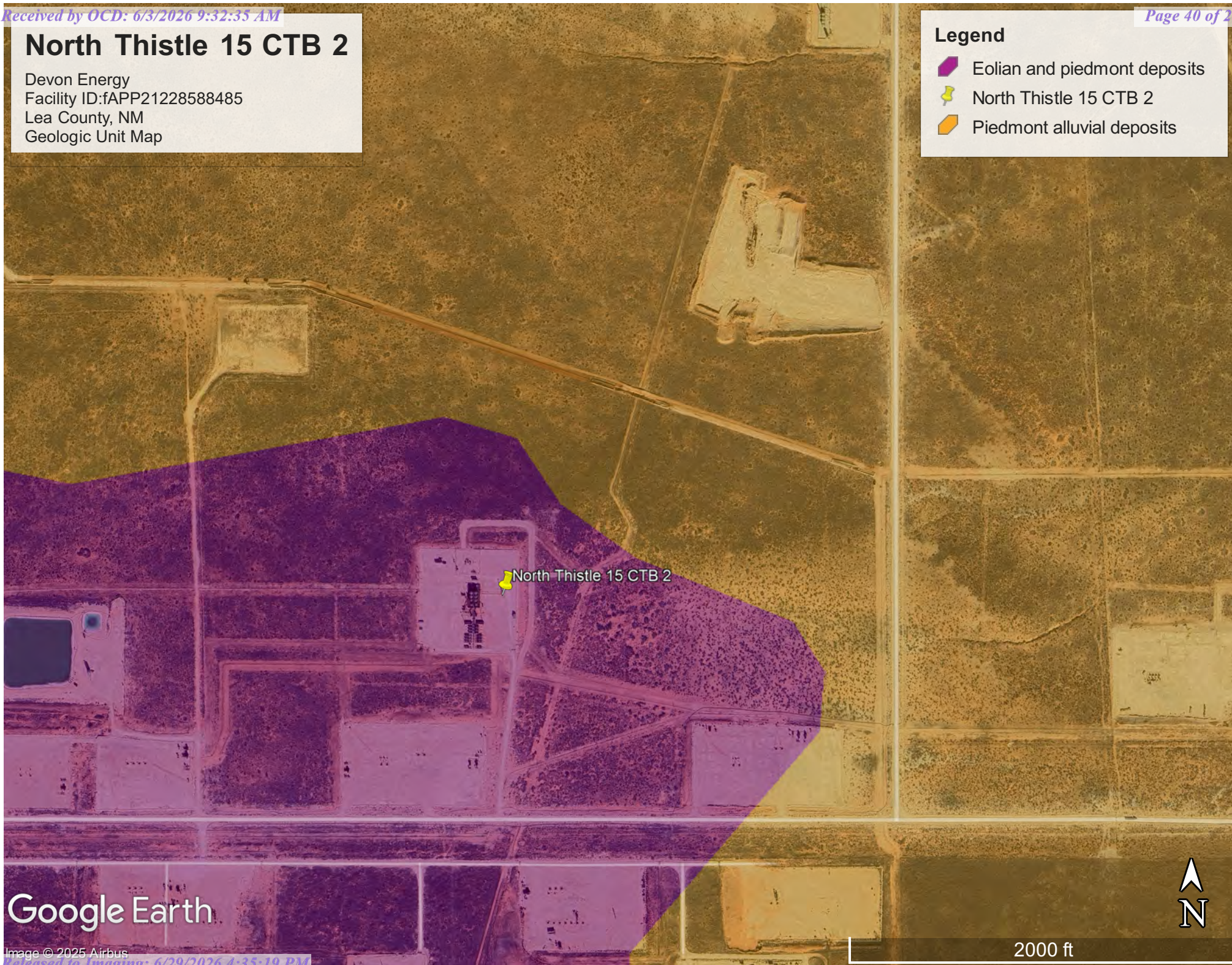
No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

North Thistle 15 CTB 2

Devon Energy
Facility ID:fAPP21228588485
Lea County, NM
Geologic Unit Map

Legend

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



Google Earth

Image © 2025 Airbus

2000 ft

APPENDIX C

48-Hour Sampling Notification



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

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 534115

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534115
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

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

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

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,250
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/16/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	(575) 659-4450
Please provide any information necessary for navigation to sampling site	32.30117,-103.55831

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 534115

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534115
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/11/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	12/11/2025

APPENDIX D

Photographic Documentation



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

DEVON ENERGY PRODUCTION, LP.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Site information sign.



Point of release.



Photograph taken during assessment facing west.



Photograph taken during assessment facing northeast.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Photo of release area.



Aerial view of spill area.



Aerial view of delineation samples collected.



Delineation sample point S1.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Delineation sample point S2.



Delineation sample point S3.



Delineation sample point S4.



Delineation sample point S5.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Delineation sample point S6.



Delineation sample point S7.



Delineation sample point S8.



Delineation sample point SW1.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Delineation sample point SW2.



Delineation sample point SW3.



Delineation sample point SW4.



Delineation sample point SW5.

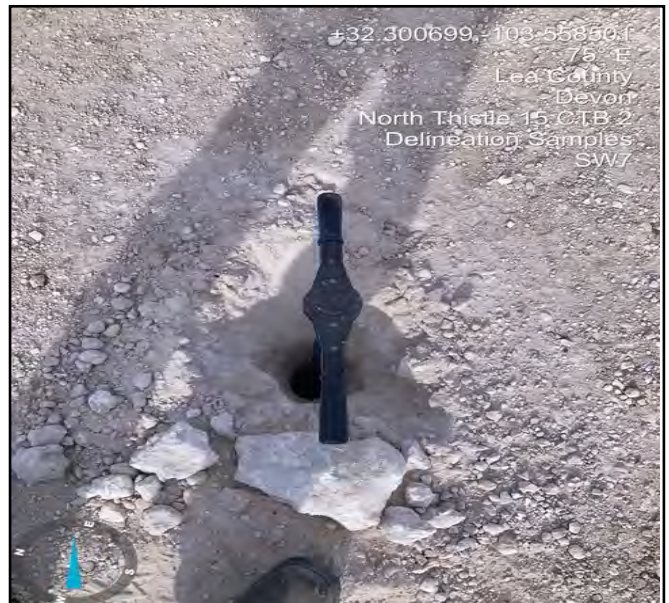
PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

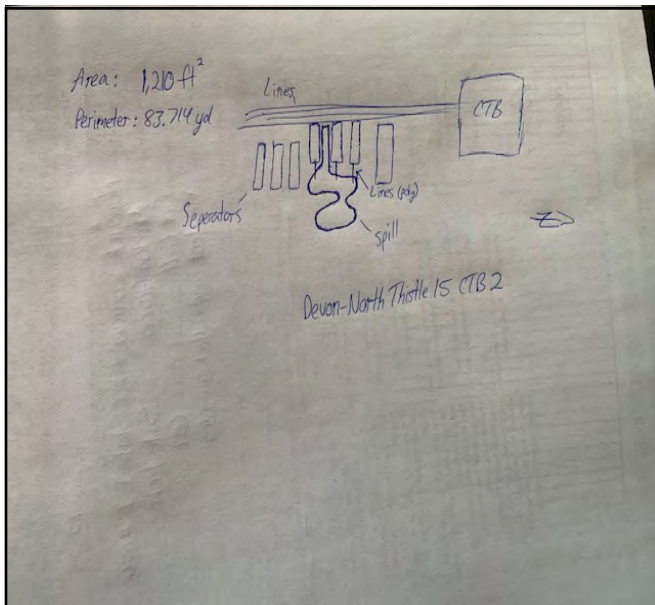
Assessment :



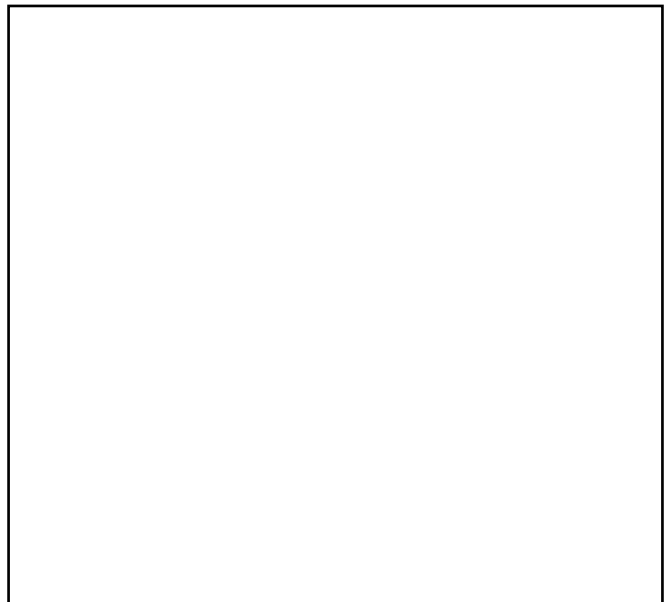
Delineation sample point SW6.



Delineation sample point SW7.



Assessment field notes.



APPENDIX EE

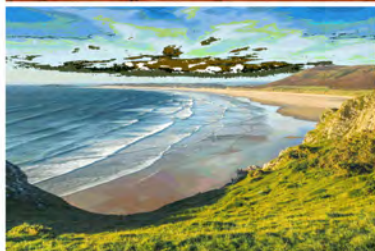
Laboratory Reports



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

DEVON ENERGY PRODUCTION, LP.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E508248

Job Number: 01058-0007

Received: 8/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/28/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 8/28/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



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

Delrae Geller,

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

The analytical test results summarized in this report with the Project Name: North Thistle 15 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	7
Sample Data	9
S1- Surface	9
S1-1'	10
S1-2'	11
S1-3'	12
S1-4'	13
S2-Surface	14
S2-1'	15
S2-2'	16
S2-3'	17
S2-4'	18
S3-Surface	19
S3-1'	20
S3-2'	21
S3-3'	22
S3-4'	23
S4-Surface	24
S4-1'	25
S4-2'	26
S4-3'	27
S4-4'	28

Table of Contents (continued)

S5-Surface	29
S5-1'	30
S5-2'	31
S5-3'	32
S5-4'	33
S6-Surface	34
S6-1'	35
S6-2'	36
S6-3'	37
S6-4'	38
S7-Surface	39
S7-1'	40
S7-2'	41
S7-3'	42
S7-4'	43
S8-Surface	44
S8-1'	45
S8-2'	46
S8-3'	47
S8-4'	48
SW1-Surface	49
SW1-1'	50
SW1-2'	51
SW1-3'	52
SW1-4'	53

Table of Contents (continued)

SW2-Surface	54
SW2-1'	55
SW2-2'	56
SW2-3'	57
SW2-4'	58
SW3-Surface	59
SW3-1'	60
SW3-2'	61
SW3-3'	62
SW3-4'	63
SW4-Surface	64
SW4-1'	65
SW4-2'	66
SW4-3'	67
SW4-4'	68
SW5-Surface	69
SW5-1'	70
SW5-2'	71
SW5-3'	72
SW5-4'	73
SW6-Surface	74
SW6-1'	75
SW6-2'	76
SW6-3'	77
SW6-4'	78

Table of Contents (continued)

SW7-Surface	79
SW7-1'	80
SW7-2'	81
SW7-3'	82
SW7-4'	83
QC Summary Data	84
QC - Volatile Organics by EPA 8021B	84
QC - Nonhalogenated Organics by EPA 8015D - GRO	88
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	92
QC - Anions by EPA 300.0/9056A	96
Definitions and Notes	100
Chain of Custody etc.	101

Sample Summary

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

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



Sample Summary

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

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



Sample Data

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

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

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

S1- Surface

E508248-01

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



Sample Data

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

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

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

S1-1'

E508248-02

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



Sample Data

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

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

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

S1-2'

E508248-03

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



Sample Data

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

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

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

S1-3'

E508248-04

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



Sample Data

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

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

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

S1-4'

E508248-05

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



Sample Data

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

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

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

S2-Surface

E508248-06

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



Sample Data

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

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

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

S2-1'

E508248-07

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



Sample Data

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

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

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

S2-2'

E508248-08

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



Sample Data

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

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

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

S2-3'

E508248-09

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



Sample Data

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

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

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

S2-4'

E508248-10

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



Sample Data

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

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

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

S3-Surface

E508248-11

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



Sample Data

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

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

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

S3-1'

E508248-12

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



Sample Data

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

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

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

S3-2'

E508248-13

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



Sample Data

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

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

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

S3-3'

E508248-14

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



Sample Data

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

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

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

S3-4'

E508248-15

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



Sample Data

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

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

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

S4-Surface

E508248-16

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



Sample Data

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

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

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

S4-1'

E508248-17

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



Sample Data

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

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

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

S4-2'

E508248-18

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



Sample Data

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

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

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

S4-3'

E508248-19

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



Sample Data

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

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

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

S4-4'

E508248-20

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



Sample Data

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

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

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

S5-Surface

E508248-21

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



Sample Data

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

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

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

S5-1'

E508248-22

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



Sample Data

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

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

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

S5-2'

E508248-23

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



Sample Data

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

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

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

S5-3'

E508248-24

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



Sample Data

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

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

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

S5-4'

E508248-25

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



Sample Data

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

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

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

S6-Surface

E508248-26

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



Sample Data

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

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

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

S6-1'

E508248-27

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



Sample Data

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

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

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

S6-2'

E508248-28

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



Sample Data

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

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

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

S6-3'

E508248-29

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



Sample Data

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

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

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

S6-4'

E508248-30

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



Sample Data

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

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

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

S7-Surface

E508248-31

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



Sample Data

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

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

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

S7-1'

E508248-32

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



Sample Data

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

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

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

S7-2'

E508248-33

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



Sample Data

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

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

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

S7-3'

E508248-34

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



Sample Data

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

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

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

S7-4'

E508248-35

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



Sample Data

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

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

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

S8-Surface

E508248-36

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



Sample Data

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

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

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

S8-1'

E508248-37

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



Sample Data

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

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

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

S8-2'

E508248-38

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



Sample Data

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

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

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

S8-3'

E508248-39

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



Sample Data

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

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

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

S8-4'

E508248-40

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



Sample Data

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

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

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

SW1-Surface

E508248-41

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



Sample Data

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

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

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

SW1-1'

E508248-42

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



Sample Data

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

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

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

SW1-2'

E508248-43

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



Sample Data

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

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

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

SW1-3'

E508248-44

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



Sample Data

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

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

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

SW1-4'

E508248-45

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



Sample Data

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

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

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

SW2-Surface

E508248-46

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



Sample Data

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

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

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

SW2-1'

E508248-47

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



Sample Data

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

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

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

SW2-2'

E508248-48

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



Sample Data

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

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

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

SW2-3'

E508248-49

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



Sample Data

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

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

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

SW2-4'

E508248-50

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



Sample Data

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

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

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

SW3-Surface

E508248-51

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



Sample Data

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

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

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

SW3-1'

E508248-52

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



Sample Data

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

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

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

SW3-2'

E508248-53

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



Sample Data

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

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

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

SW3-3'

E508248-54

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



Sample Data

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

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

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

SW3-4'

E508248-55

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



Sample Data

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

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

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

SW4-Surface

E508248-56

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



Sample Data

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

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

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

SW4-1'

E508248-57

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



Sample Data

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

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

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

SW4-2'

E508248-58

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



Sample Data

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

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

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

SW4-3'

E508248-59

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



Sample Data

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

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

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

SW4-4'

E508248-60

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



Sample Data

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

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

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

SW5-Surface

E508248-61

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



Sample Data

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

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

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

SW5-1'

E508248-62

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



Sample Data

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

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

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

SW5-2'

E508248-63

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



Sample Data

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

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

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

SW5-3'

E508248-64

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



Sample Data

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

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

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

SW5-4'

E508248-65

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



Sample Data

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

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

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

SW6-Surface

E508248-66

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



Sample Data

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

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

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

SW6-1'

E508248-67

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



Sample Data

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

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

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

SW6-2'

E508248-68

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



Sample Data

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

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

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

SW6-3'

E508248-69

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



Sample Data

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

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

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

SW6-4'

E508248-70

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



Sample Data

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

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

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

SW7-Surface

E508248-71

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



Sample Data

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

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

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

SW7-1'

E508248-72

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



Sample Data

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

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

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

SW7-2'

E508248-73

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



Sample Data

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

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

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

SW7-3'

E508248-74

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



Sample Data

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

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

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

SW7-4'

E508248-75

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



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534120-BLK1)

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

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

LCS (2534120-BS1)

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

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

Matrix Spike (2534120-MS1)

Source: E508248-04

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

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

Matrix Spike Dup (2534120-MSD1)

Source: E508248-04

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

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



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534121-BLK1)

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

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

LCS (2534121-BS1)

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

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

Matrix Spike (2534121-MS1)

Source: E508248-26

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

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

Matrix Spike Dup (2534121-MSD1)

Source: E508248-26

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

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



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: BA

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

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

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

LCS (2534122-BS1)

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

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

Matrix Spike (2534122-MS1)

Source: E508248-46

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

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

Matrix Spike Dup (2534122-MSD1)

Source: E508248-46

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

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



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534130-BLK1)

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

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

LCS (2534130-BS1)

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

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

Matrix Spike (2534130-MS1)

Source: E508248-64

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

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

Matrix Spike Dup (2534130-MSD1)

Source: E508248-64

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

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

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

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

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

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

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534121-BLK1)

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

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

LCS (2534121-BS2)

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

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

Matrix Spike (2534121-MS2)

Source: E508248-26

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

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

Matrix Spike Dup (2534121-MSD2)

Source: E508248-26

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534122-BLK1) Prepared: 08/22/25 Analyzed: 08/25/25

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

LCS (2534122-BS2) Prepared: 08/22/25 Analyzed: 08/25/25

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

Matrix Spike (2534122-MS2) Source: E508248-46 Prepared: 08/22/25 Analyzed: 08/25/25

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

Matrix Spike Dup (2534122-MSD2) Source: E508248-46 Prepared: 08/22/25 Analyzed: 08/25/25

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534130-BLK1) Prepared: 08/22/25 Analyzed: 08/25/25

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

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

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

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

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

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534112-BLK1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.1		50.0		96.2	61-141			

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

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534113-BLK1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.7		50.0		105	61-141			

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

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534114-BLK1) Prepared: 08/22/25 Analyzed: 08/22/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.4		50.0		107	61-141			

LCS (2534114-BS1) Prepared: 08/22/25 Analyzed: 08/22/25

Diesel Range Organics (C10-C28)	323	25.0	250		129	66-144			
Surrogate: n-Nonane	54.1		50.0		108	61-141			

Matrix Spike (2534114-MS1) Source: E508248-45 Prepared: 08/22/25 Analyzed: 08/22/25

Diesel Range Organics (C10-C28)	325	25.0	250	ND	130	56-156			
Surrogate: n-Nonane	54.6		50.0		109	61-141			

Matrix Spike Dup (2534114-MSD1) Source: E508248-45 Prepared: 08/22/25 Analyzed: 08/22/25

Diesel Range Organics (C10-C28)	314	25.0	250	ND	126	56-156	3.36	20	
Surrogate: n-Nonane	52.8		50.0		106	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Delrae Geller	Reported: 8/28/2025 9:28:10AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534134-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.5		50.0		93.0	61-141			

LCS (2534134-BS1)

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

Diesel Range Organics (C10-C28)	306	25.0	250		122	66-144			
Surrogate: n-Nonane	49.7		50.0		99.5	61-141			

Matrix Spike (2534134-MS1)

Source: E508248-66

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

Diesel Range Organics (C10-C28)	947	25.0	250	988	NR	56-156			M3
Surrogate: n-Nonane	51.6		50.0		103	61-141			

Matrix Spike Dup (2534134-MSD1)

Source: E508248-66

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

Diesel Range Organics (C10-C28)	1150	25.0	250	988	62.9	56-156	18.9	20	
Surrogate: n-Nonane	55.3		50.0		111	61-141			



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534128-BLK1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Chloride	ND	20.0							
LCS (2534128-BS1)					Prepared: 08/22/25 Analyzed: 08/22/25				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2534128-MS1)					Source: E508248-08		Prepared: 08/22/25 Analyzed: 08/22/25		
Chloride	391	20.0	250	140	100	80-120			
Matrix Spike Dup (2534128-MSD1)					Source: E508248-08		Prepared: 08/22/25 Analyzed: 08/22/25		
Chloride	397	20.0	250	140	103	80-120	1.46	20	



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2534129-BLK1)					Prepared: 08/22/25 Analyzed: 08/25/25				
Chloride	ND	20.0							
LCS (2534129-BS1)					Prepared: 08/22/25 Analyzed: 08/25/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2534129-MS1)					Source: E508248-29		Prepared: 08/22/25 Analyzed: 08/25/25		
Chloride	322	20.0	250	103	87.6	80-120			
Matrix Spike Dup (2534129-MSD1)					Source: E508248-29		Prepared: 08/22/25 Analyzed: 08/25/25		
Chloride	335	20.0	250	103	92.7	80-120	3.88	20	



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: IY

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

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



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535011-BLK1)					Prepared: 08/25/25 Analyzed: 08/25/25				
Chloride	ND	20.0							
LCS (2535011-BS1)					Prepared: 08/25/25 Analyzed: 08/25/25				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2535011-MS1)					Source: E508248-63		Prepared: 08/25/25 Analyzed: 08/26/25		
Chloride	574	20.0	250	387	75.2	80-120			M2
Matrix Spike Dup (2535011-MSD1)					Source: E508248-63		Prepared: 08/25/25 Analyzed: 08/26/25		
Chloride	565	20.0	250	387	71.4	80-120	1.67	20	M2

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



Definitions and Notes

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

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M3 Matrix spike recovery was outside quality control limits due to matrix interference. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Client Information				Invoice Information		Lab Use Only		TAT				State								
Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: North Thisle 15 CTB 2				Address:		E508248	01058-007				X	X								
Project Manager: DelRae Geller				City, State, Zip:																
Address: 5614 North Lovington Hwy				Phone:																
City, State, Zip: Hobbs, NM 88240				Email:																
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3																
Email: Delrae@pimaoil.com																				
Sample Information							Analysis and Method						EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
8:00	8/21/25	S		S1 - Surface		1								X			3.0			
8:05		S		S1 - 1'		2								X			2.6			
8:07		S		S1 - 2'		3								X			2.4			
8:12		S		S1 - 3'		4								X			3.2			
8:15		S		S1 - 4'		5								X			3.6			
8:17		S		S2 - Surface		6								X			3.0			
8:21		S		S2 - 1'		7								X			3.1			
8:25		S		S2 - 2'		8								X			2.8			
8:27		S		S2 - 3'		9								X			2.6			
8:31		S		S2 - 4'		10								X			2.0			
Additional Instructions: Billing : 21610512																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by: <u>Mark</u>																				
Relinquished by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N				
<u>Mal</u>		8/21/25	1:00	<u>Michelle Gonzales</u>		8-21-25	1300	<u>Michelle Gonzales</u>		8-21-25	1400	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1400	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
Relinquished by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time					
<u>Michelle Gonzales</u>		8-21-25	1400	<u>Michelle Gonzales</u>		8-21-25	1400	<u>Michelle Gonzales</u>		8-21-25	1400	<u>Michelle Gonzales</u>		8-21-25	1400					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
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<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
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<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
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<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
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<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
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<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
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<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
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<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
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<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826					
<u>Michelle Gonzales</u>		8-21-25	1826	<u>Michelle Gonzales</u>		8-21-25	1826	<												

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: North Thisle 15 CTB 2				Address:		E 508248	01058007				X	x						
Project Manager: DelRae Geller				City, State, Zip:														
Address: 5614 North Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3														
Email: Delrae@pimaoil.com																		
Sample Information							Analysis and Method						EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
8:35	8/20/25	S		53 - Surface		11								X		2.0		
8:37		S		53 - 1'		12								X		2.0		
8:42		S		53 - 2'		13								X		3.2		
8:45		S		53 - 3'		14								X		1.6		
8:48		S		53 - 4'		15								X		2.4		
8:53		S		54 - Surface		16								X		1.8		
9:07		S		54 - 1'		17								X		2.0		
9:12		S		54 - 2'		18								X		2.1		
9:19		S		54 - 3'		19								X		2.6		
9:26		S		54 - 4'		20								X		2.4		
Additional Instructions: Billing : 21610512																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: <u>Michelle Gonzalez</u>																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>(Y)</u> /N										
<u>Michelle Gonzalez</u>		8/21/25	1:00	<u>Michelle Gonzalez</u>		8-21-25	1300											
<u>Michelle Gonzalez</u>		8-21-25	1400	<u>Marissa Gonzalez</u>		8-21-25	1400											
<u>Marissa Gonzalez</u>		8-21-25	1826	<u>Cliff Morgan</u>		8-21-25	1826											
<u>Cliff Morgan</u>		8-21-25	2250	<u>Cliff Morgan</u>		8-22-25	730											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: <u>Devon</u>		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: <u>North Thisle 15 CTB 2</u>				Address:		<u>E508248</u>	<u>010580007</u>				X	x							
Project Manager: <u>DelRae Geller</u>				City, State, Zip:															
Address: <u>5614 North Lovington Hwy</u>				Phone:															
City, State, Zip: <u>Hobbs, NM 88240</u>				Email:															
Phone: <u>(806) 724-5391</u>				Miscellaneous: <u>PROJECT# 1-170-3</u>															
Email: <u>Delrae@pimaoil.com</u>																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCO 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
9:25	8/21/25	S		55 - Surface		21								X		3.3			
9:37		S		55 - 1'		22								X		3.6			
9:37		S		55 - 2'		23								X		2.4			
9:42		S		55 - 3'		24								X		2.6			
9:45		S		55 - 4'		25								X		2.0			
9:49		S		56 - Surface		26								X		1.8			
9:54		S		56 - 1'		27								X		2.2			
9:59		S		56 - 2'		28								X		2.8			
10:05		S		56 - 3'		29								X		3.0			
10:09		S		56 - 4'		30								X		2.4			
Additional Instructions: Billing : 21610512																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: <u>Michelle</u>																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N							
<u>Michelle</u>		8/21/25		1:00		<u>Michelle Gonzales</u>		8-21-25		1300									
<u>Michelle Gonzales</u>		8-21-25		1400		<u>Marissa Gonzales</u>		8-21-25		1400									
<u>Marissa Gonzales</u>		8-21-25		1826		<u>Marissa</u>		8-21-25		1826									
<u>Marissa</u>		8-21-25		2250		<u>Cathy Mar</u>		8-22-25		730									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
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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 Thisle 15 CTB 2				Address:		E508248	01058-0007				X	X						
Project Manager: DelRae Geller				City, State, Zip:														
Address: 5614 North Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3														
Email: Delrae@pimaoil.com																		
Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1006 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
10:11	8/20/25	S		57- Surface		31								X				
10:17		S		57- 1"		32								X				
10:19		S		57- 2"		33								X				
11:25		S		57- 3"		34								X				
11:28		S		57- 4"		35								X				
11:33		S		58- Surface		36								X				
11:37		S		58- 1"		37								X				
11:42		S		58- 2"		38								X				
11:48		S		58- 3"		39								X				
11:51		S		58- 4"		40								X				
Additional Instructions: Billing : 21610512																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: <i>Mark</i>																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N										
<i>Mark</i>		8/21/25	1:00	<i>Michelle Gonzales</i>		8-21-25	1300											
<i>Michelle Gonzales</i>		8-21-25	1400	<i>Marissa Gonzales</i>		8-21-25	1400											
<i>Marissa Gonzales</i>		8-21-25	1826	<i>Mark</i>		8-21-25	1826											
<i>Mark</i>		8-21-25	2250	<i>Cathy Maw</i>		8-22-25	730											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
<i>Mark</i>																		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

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

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: North Thisle 15 CTB 2				Address:		E 508248	01051-0007				X	x							
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 North Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3															
Email: Delrae@pimaoil.com																			
Sample Information										Analysis and Method				EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
11:48	8/21/25	S		SW3 - Surface		51								X					
11:53		S		SW3 - 1'		52								X					
11:59		S		SW3 - 2'		53								X					
12:05		S		SW3 - 3'		54								X					
12:06		S		SW3 - 4'		55								X					
12:13		S		SW4 - Surface		56								X					
12:17		S		SW4 - 1'		57								X					
12:24		S		SW4 - 2'		58								X					
12:29		S		SW4 - 3'		59								X					
12:33		S		SW4 - 4'		60								X					
Additional Instructions: Billing : 21610512																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: <u>Mick</u>																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N							
<u>[Signature]</u>		8/21/25		1:00		<u>Michelle Gonzalez</u>		8-21-25		1300									
<u>Michelle Gonzalez</u>		8-21-25		1400		<u>Marissa Gonzalez</u>		8-21-25		1400									
<u>Marissa Gonzalez</u>		8-21-25		1826		<u>[Signature]</u>		8-21-25		1826									
<u>[Signature]</u>		8-21-25		2250		<u>Cathy Man</u>		8-21-25		730									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
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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 Thisle 15 CTB 2				Address:		E	01058-0007				X	x									
Project Manager: DelRae Geller				City, State, Zip:																	
Address: 5614 North Lovington Hwy				Phone:																	
City, State, Zip: Hobbs, NM 88240				Email:																	
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3																	
Email: Delrae@pimaoil.com																					
Sample Information												EPA Program									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
																	Compliance	Y	or	N	
																	PWSID #				
																	Sample Temp			Remarks	
12:38	8/10/25	S		SW5 - Surface		601								X			3.6				
12:44		S		SW5 - 1'		602								X			4.0				
12:48		S		SW5 - 2'		603								X			4.0				
12:52		S		SW5 - 3'		604								X			3.0				
12:55		S		SW5 - 4'		605								X			2.4				
12:59		S		SW6 - Surface		606								X			2.0				
1:05		S		SW6 - 1'		607								X			2.8				
1:04		S		SW6 - 2'		608								X			3.1				
1:12		S		SW6 - 3'		609								X			3.2				
1:15		S		SW6 - 4'		70								X			3.4				
Additional Instructions: Billing : 21610512																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: <i>Markon</i>																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ N													
<i>Michelle Gonzalez</i>		8/21/25	1:00	<i>Michelle Gonzalez</i>		8-21-25	1300														
<i>Michelle Gonzalez</i>		8-21-25	1400	<i>Michelle Gonzalez</i>		8-21-25	1400														
<i>Michelle Gonzalez</i>		8-21-25	1826	<i>Michelle Gonzalez</i>		8-21-25	1826														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
<i>Michelle Gonzalez</i>		8-21-25	2250	<i>Michelle Gonzalez</i>		8-22-25	730														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
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Client: Pima Environmental Services, LLC				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: North Thisle 15 CTB 2				Address:		E 508248	01058-0007				X	X						
Project Manager: DelRae Geller				City, State, Zip:														
Address: 5614 North Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-170-3														
Email: Delrae@pimaoil.com																		
Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
1:15	8/20/25	S		SW 7 - Surface		71								X				
1:23		S		SW 7 - 1'		72								X				
1:27		S		SW 7 - 2'		73								X				
1:33		S		SW 7 - 3'		74								X				
1:39		S		SW 7 - 4'		75								X				
		S												X				
		S												X				
		S												X				
		S												X				
		S												X				
		S												X				
		S												X				
		S												X				
Additional Instructions: Billing : 21610512																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: <u>Maker</u>																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y)N										
<u>Michelle Gonzales</u>		8/21/25	1:00	<u>Michelle Gonzales</u>		8-21-25	1300											
<u>Michelle Gonzales</u>		8-21-25	1400	<u>Marissa Gonzales</u>		8-21-25	1400											
<u>Marissa Gonzales</u>		8-21-25	1826	<u>Marissa Gonzales</u>		8-21-25	1826											
<u>Marissa Gonzales</u>		8-21-25	2250	<u>Caitlin Mann</u>		8-22-25	730											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
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Envirotech Analytical Laboratory

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

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	08/22/25 07:30	Work Order ID:	E508248
Phone:	(575) 631-6977	Date Logged In:	08/21/25 17:15	Logged In By:	Caitlin Mars
Email:		Due Date:	08/28/25 07:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No of containers not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E510124

Job Number: 01058-0007

Received: 10/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/17/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 10/17/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



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

Delrae Geller,

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

The analytical test results summarized in this report with the Project Name: North Thistle 15 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S4-5'	6
S5-5'	7
SW3-Sur	8
SW3-1'	9
SW3-2'	10
SW3-3'	11
SW3-4'	12
SW4-Sur	13
SW4-1'	14
SW4-2'	15
SW4-3'	16
SW4-4'	17
SW5-Sur	18
SW5-1'	19
SW5-2'	20
SW5-3'	21
SW5-4'	22
SW6-Sur	23
SW6-1'	24
SW6-2'	25

Table of Contents (continued)

SW6-3'	26
SW6-4'	27
SW7-Sur	28
SW7-1'	29
SW7-2'	30
SW7-3'	31
SW7-4'	32
QC Summary Data	33
QC - Volatile Organic Compounds by EPA8260B	33
QC - Volatile Organics by EPA 8021B	34
QC - Nonhalogenated Organics by EPA 8015D - GRO	35
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	37
QC - Anions by EPA 300.0/9056A	39
Definitions and Notes	41
Chain of Custody etc.	42

Sample Summary

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

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



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Delrae Geller	Reported: 10/17/2025 9:45:25AM
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S4-5'

E510124-01

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



Sample Data

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

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

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

S5-5'

E510124-02

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



Sample Data

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

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

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

SW3-Sur

E510124-03

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



Sample Data

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

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

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

SW3-1'

E510124-04

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



Sample Data

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

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

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

SW3-2'

E510124-05

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



Sample Data

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

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

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

SW3-3'

E510124-06

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



Sample Data

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

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

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

SW3-4'

E510124-07

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



Sample Data

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

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

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

SW4-Sur

E510124-08

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



Sample Data

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

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

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

SW4-1'

E510124-09

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



Sample Data

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

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

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

SW4-2'

E510124-10

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



Sample Data

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

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

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

SW4-3'

E510124-11

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



Sample Data

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

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

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

SW4-4'

E510124-12

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



Sample Data

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

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

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

SW5-Sur

E510124-13

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



Sample Data

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

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

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

SW5-1'

E510124-14

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



Sample Data

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

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

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

SW5-2'

E510124-15

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



Sample Data

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

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

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

SW5-3'

E510124-16

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



Sample Data

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

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

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

SW5-4'

E510124-17

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



Sample Data

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

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

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

SW6-Sur

E510124-18

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



Sample Data

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

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

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

SW6-1'

E510124-19

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



Sample Data

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

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

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

SW6-2'

E510124-20

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



Sample Data

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

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

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

SW6-3'

E510124-21

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



Sample Data

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

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

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

SW6-4'

E510124-22

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



Sample Data

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

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

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

SW7-Sur

E510124-23

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



Sample Data

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

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

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

SW7-1'

E510124-24

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



Sample Data

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

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

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

SW7-2'

E510124-25

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



Sample Data

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

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

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

SW7-3'

E510124-26

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



Sample Data

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

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

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

SW7-4'

E510124-27

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



QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542021-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.1	70-130			

LCS (2542021-BS1)

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

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

Matrix Spike (2542021-MS1)

Source: E510124-24

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

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

Matrix Spike Dup (2542021-MSD1)

Source: E510124-24

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

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



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: BA

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

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

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

LCS (2542019-BS1)

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

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

Matrix Spike (2542019-MS1)

Source: E510124-07

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

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

Matrix Spike Dup (2542019-MSD1)

Source: E510124-07

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

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

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

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

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

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

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542021-BLK1)

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

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

LCS (2542021-BS2)

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

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

Matrix Spike (2542021-MS2)

Source: E510124-24

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

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

Matrix Spike Dup (2542021-MSD2)

Source: E510124-24

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

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



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: North Thistle 15 CTB 2 Project Number: 01058-0007 Project Manager: Delrae Geller	Reported: 10/17/2025 9:45:25AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542007-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			

LCS (2542007-BS1)

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

Diesel Range Organics (C10-C28)	235	25.0	250		94.2	66-144			
Surrogate: n-Nonane	46.9		50.0		93.8	61-141			

Matrix Spike (2542007-MS1)

Source: E510124-17

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

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	51.0		50.0		102	61-141			

Matrix Spike Dup (2542007-MSD1)

Source: E510124-17

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

Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	56-156	2.27	20	
Surrogate: n-Nonane	50.4		50.0		101	61-141			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542008-BLK1)					Prepared: 10/13/25 Analyzed: 10/14/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.3		50.0		96.7	61-141			

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

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

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



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542042-BLK1)						Prepared: 10/14/25 Analyzed: 10/14/25			
Chloride	ND	20.0							
LCS (2542042-BS1)						Prepared: 10/14/25 Analyzed: 10/14/25			
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2542042-MS1)				Source: E510121-05		Prepared: 10/14/25 Analyzed: 10/14/25			
Chloride	5450	40.0	250	5190	102	80-120			
Matrix Spike Dup (2542042-MSD1)				Source: E510121-05		Prepared: 10/14/25 Analyzed: 10/14/25			
Chloride	5720	40.0	250	5190	210	80-120	4.85	20	M4



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542043-BLK1)					Prepared: 10/14/25 Analyzed: 10/14/25				
Chloride	ND	20.0							
LCS (2542043-BS1)					Prepared: 10/14/25 Analyzed: 10/14/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2542043-MS1)					Source: E510124-04		Prepared: 10/14/25 Analyzed: 10/14/25		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2542043-MSD1)					Source: E510124-04		Prepared: 10/14/25 Analyzed: 10/14/25		
Chloride	256	20.0	250	ND	102	80-120	0.143	20	

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



Definitions and Notes

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

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

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

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



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Pima Environmental Services, LLC				Company: <u>Devon Energy</u>		Lab WO# <u>E 510124</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Std						
Project Name: <u>North Trust 15 CTB 2</u>				Address:															
Project Manager: <u>Debra Geller</u>				City, State, Zip:															
Address: <u>5614 North Lovington Hwy</u>				Phone:															
City, State, Zip: <u>Hobbs, NM 88240</u>				Email:															
Phone: <u>(806) 724-5391</u>				Miscellaneous: <u>1-170-3</u>															
Email: <u>delme@pimail.com</u>																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1006 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
8:30AM	10-09-25	S		S4-5'		1													
8:45AM				S5-5'		2													
8:40AM				SW3 - Sur		3													
8:55AM				SW3 - 1'		4													
9:01AM				SW3 - 2'		5													
9:10AM				SW3 - 3'		6													
9:16AM				SW3 - 4'		7													
9:18AM				SW4 - Sur		8													
9:24AM				SW4 - 1'		9													
9:29AM				SW4 - 2'		10													
Additional Instructions: <u>21610512</u>																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: <u>Andrew Franco</u>																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>(Y) N</u>							
<u>Michelle Gonzales</u>		10-09-25		4:00 PM		<u>Michelle Gonzales</u>		10-10-25		1:30									
<u>Michelle Gonzales</u>		10-10-25		1430		<u>Martina Gonzales</u>		10-10-25		1430									
<u>Martina Gonzales</u>		10-10-25		2400		<u>Noe</u>		10-13-25		0700									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

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

Client Information				Invoice Information				Lab Use Only				TAT				State																																														
Client: Pima Environmental Services, LLC				Company: <u>Dejan Energy</u>				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX																																											
Project Name: <u>North Apache 15 CO2</u>				Address:				E <u>510124</u>		<u>01058-0007</u>					☒	☒																																														
Project Manager: <u>Delme Geller</u>				City, State, Zip:																																																										
Address: <u>5614 North Lovington Hwy</u>				Phone:																																																										
City, State, Zip: <u>Hobbs, NM 88240</u>				Email:																																																										
Phone: <u>(806) 724-5391</u>				Miscellaneous: <u>1-170-3</u>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="10" style="text-align: center;">Analysis and Method</th> <th colspan="3" style="text-align: center;">EPA Program</th> </tr> <tr> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">DRO/DRO by 8015</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">GRO/DRO by 8015</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX by 8021</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC by 8260</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride 300.0</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">TCEQ 1005 - TX</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">PCRA 8 Metals</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">BgDOC - NM</td> <td rowspan="3" style="writing-mode: vertical-rl; transform: rotate(180deg);">BgDOC - TX</td> <td rowspan="3"></td> <td>SDWA</td> <td>CWA</td> <td>RCRA</td> </tr> <tr> <td>Compliance</td> <td>Y</td> <td>or</td> <td>N</td> </tr> <tr> <td>PWSID #</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sample Temp</td> <td colspan="12">Remarks</td> </tr> </table>								Analysis and Method										EPA Program			DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	PCRA 8 Metals	BgDOC - NM	BgDOC - TX		SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #				Sample Temp	Remarks											
Analysis and Method																EPA Program																																														
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	PCRA 8 Metals	BgDOC - NM	BgDOC - TX		SDWA	CWA	RCRA																																																		
										Compliance	Y	or	N																																																	
										PWSID #																																																				
Sample Temp	Remarks																																																													
Email: <u>delme@pimaoil.com</u>																																																														

Sample Information						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number
10:21AM	10-04-25	S		SW6-3'		21
10:25AM				SW6-4'		22
10:32AM				SW7-5m		23
10:40AM				SW7-1'		24
10:44AM				SW7-2'		25
10:48AM				SW7-3'		26
10:52AM				SW7-4'		27

Additional Instructions: 21610512

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Andrew Franco

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>10-09-25</u>	Time <u>4:00 PM</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>10-10-25</u>	Time <u>1230</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>10-10-25</u>	Time <u>1430</u>	Received by: (Signature) <u>Monisha Thompson</u>	Date <u>10-10-25</u>	Time <u>1430</u>
Relinquished by: (Signature) <u>Monisha Thompson</u>	Date <u>10-10-25</u>	Time <u>2400</u>	Received by: (Signature) <u>Joe Sat</u>	Date <u>10-13-25</u>	Time <u>0700</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temperature above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: Y N

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

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

Envirotech Analytical Laboratory

Printed: 10/13/2025 2:27:44PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

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

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: North Thistle 15 CTB 2

Work Order: E512160

Job Number: 01058-0007

Received: 12/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/18/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/18/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: North Thistle 15 CTB 2
Workorder: E512160
Date Received: 12/18/2025 6:00:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/18/2025 6:00:00AM, 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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS1	6
CS2	7
CS3	8
CS4	9
CS5	10
CS6	11
CS7	12
CS8	13
CSW1	14
CSW2	15
CSW3	16
CSW4	17
CSW5	18
CSW6	19
CSW7	20
CSW8	21
QC Summary Data	22
QC - Volatile Organics by EPA 8021B	22
QC - Nonhalogenated Organics by EPA 8015D - GRO	23
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	24

Table of Contents (continued)

QC - Anions by EPA 300.0/9056A	25
Definitions and Notes	26
Chain of Custody etc.	27

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	12/18/25 15:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E512160-01A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CS2	E512160-02A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CS3	E512160-03A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CS4	E512160-04A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CS5	E512160-05A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CS6	E512160-06A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CS7	E512160-07A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CS8	E512160-08A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CSW1	E512160-09A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CSW2	E512160-10A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CSW3	E512160-11A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CSW4	E512160-12A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CSW5	E512160-13A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CSW6	E512160-14A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CSW7	E512160-15A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.
CSW8	E512160-16A	Soil	12/16/25	12/18/25	Glass Jar, 2 oz.



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CS1

E512160-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>99.0 %</i>	<i>70-130</i>		<i>12/18/25</i>	<i>12/18/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>91.6 %</i>	<i>70-130</i>		<i>12/18/25</i>	<i>12/18/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>	<i>95.0 %</i>	<i>61-141</i>		<i>12/18/25</i>	<i>12/18/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	28.7	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CS2

E512160-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.4 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.7 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>	96.8 %	61-141		12/18/25	12/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CS3

E512160-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
	96.4 %	61-141		12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	26.2	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CS4

E512160-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.2 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
	113 %	61-141		12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CS5

E512160-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
		87.3 %	61-141	12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	31.2	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CS6

E512160-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>		88.3 %	61-141	12/18/25	12/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	25.1	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CS7

E512160-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
	92.5 %	61-141		12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CS8

E512160-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CSW1

E512160-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	108 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
	86.7 %	61-141		12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CSW2

E512160-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
		91.9 %	61-141	12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CSW3

E512160-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	108 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
	92.1 %	61-141		12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CSW4

E512160-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
		89.4 %	61-141	12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CSW5

E512160-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
		92.9 %	61-141	12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CSW6

E512160-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>						
		89.1 %	61-141	12/18/25	12/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CSW7

E512160-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		108 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>		90.5 %	61-141	12/18/25	12/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



Sample Data

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

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

Reported:
12/18/2025 3:54:40PM

CSW8

E512160-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Benzene	ND	0.0250	1	12/18/25	12/18/25	
Ethylbenzene	ND	0.0250	1	12/18/25	12/18/25	
Toluene	ND	0.0250	1	12/18/25	12/18/25	
o-Xylene	ND	0.0250	1	12/18/25	12/18/25	
p,m-Xylene	ND	0.0500	1	12/18/25	12/18/25	
Total Xylenes	ND	0.0250	1	12/18/25	12/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2551092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/25	12/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		108 %	70-130	12/18/25	12/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2551090	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/25	12/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/25	12/18/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	12/18/25	12/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2551093	
Chloride	ND	20.0	1	12/18/25	12/18/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	12/18/2025 3:54:40PM

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 (2551092-BLK1)

Prepared: 12/18/25 Analyzed: 12/18/25

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	7.24		8.00		90.5	70-130			

LCS (2551092-BS1)

Prepared: 12/18/25 Analyzed: 12/18/25

Benzene	4.96	0.0250	5.00		99.2	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.6	70-130			
Toluene	4.90	0.0250	5.00		98.0	70-130			
o-Xylene	4.81	0.0250	5.00		96.2	70-130			
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130			
Total Xylenes	14.5	0.0250	15.0		96.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.1	70-130			

Matrix Spike (2551092-MS1)

Source: E512160-06

Prepared: 12/18/25 Analyzed: 12/18/25

Benzene	4.88	0.0250	5.00	ND	97.6	70-130			
Ethylbenzene	4.64	0.0250	5.00	ND	92.9	70-130			
Toluene	4.80	0.0250	5.00	ND	95.9	70-130			
o-Xylene	4.74	0.0250	5.00	ND	94.8	70-130			
p,m-Xylene	9.47	0.0500	10.0	ND	94.7	70-130			
Total Xylenes	14.2	0.0250	15.0	ND	94.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

Matrix Spike Dup (2551092-MSD1)

Source: E512160-06

Prepared: 12/18/25 Analyzed: 12/18/25

Benzene	4.75	0.0250	5.00	ND	95.0	70-130	2.77	27	
Ethylbenzene	4.53	0.0250	5.00	ND	90.5	70-130	2.56	26	
Toluene	4.68	0.0250	5.00	ND	93.5	70-130	2.54	20	
o-Xylene	4.62	0.0250	5.00	ND	92.4	70-130	2.53	25	
p,m-Xylene	9.23	0.0500	10.0	ND	92.3	70-130	2.52	23	
Total Xylenes	13.9	0.0250	15.0	ND	92.4	70-130	2.52	26	
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported: 12/18/2025 3:54:40PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2551092-BLK1) Prepared: 12/18/25 Analyzed: 12/18/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			

LCS (2551092-BS2) Prepared: 12/18/25 Analyzed: 12/18/25

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

Matrix Spike (2551092-MS2) Source: E512160-06 Prepared: 12/18/25 Analyzed: 12/18/25

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	ND	97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			

Matrix Spike Dup (2551092-MSD2) Source: E512160-06 Prepared: 12/18/25 Analyzed: 12/18/25

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	5.27	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	12/18/2025 3:54:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2551090-BLK1)

Prepared: 12/18/25 Analyzed: 12/18/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	42.7		50.0		85.4	61-141			

LCS (2551090-BS1)

Prepared: 12/18/25 Analyzed: 12/18/25

Diesel Range Organics (C10-C28)	228	25.0	250		91.0	66-144			
Surrogate: <i>n</i> -Nonane	42.4		50.0		84.7	61-141			

Matrix Spike (2551090-MS1)

Source: E512160-04

Prepared: 12/18/25 Analyzed: 12/18/25

Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: <i>n</i> -Nonane	47.0		50.0		94.0	61-141			

Matrix Spike Dup (2551090-MSD1)

Source: E512160-04

Prepared: 12/18/25 Analyzed: 12/18/25

Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156	1.54	20	
Surrogate: <i>n</i> -Nonane	48.4		50.0		96.9	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	12/18/2025 3:54:40PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2551093-BLK1)					Prepared: 12/18/25 Analyzed: 12/18/25				
Chloride	ND	20.0							
LCS (2551093-BS1)					Prepared: 12/18/25 Analyzed: 12/18/25				
Chloride	259	20.0	250		103	90-110			
Matrix Spike (2551093-MS1)					Source: E512160-04		Prepared: 12/18/25 Analyzed: 12/18/25		
Chloride	275	20.0	250	ND	110	80-120			
Matrix Spike Dup (2551093-MSD1)					Source: E512160-04		Prepared: 12/18/25 Analyzed: 12/18/25		
Chloride	274	20.0	250	ND	110	80-120	0.433	20	

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	12/18/25 15:54

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page 27 of 29

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Pima Environmental Services, LLC				Company: <u>DelRae</u>				Lab WO# <u>512160</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: <u>Northside 15 CTD 2</u>				Address:				E								x			
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 North Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (806) 724-5391				Miscellaneous: PROJECT# <u>1-170-3</u>															
Email: Delrae@pimaoil.com																			

Sample Information						Analysis and Method										EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BCDOC - NM	BCDOC - TX	SDWA	CWA	RCRA	
8:53 AM	12-16-25	S		CSW3		11													
9:00 AM				CSW4		12													
9:06 AM				CSW5		13													
9:11 AM				CSW6		14													
9:18 AM				CSW7		15													
9:21 AM				CSW8		16													

Additional Instructions: Billing : <u>21616512</u>			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.			
Sampled by: <u>Merlon Garcia</u>			
Relinquished by: (Signature) <u>Merlon</u>	Date <u>12-16-25</u>	Time <u>4:00 PM</u>	Received by: (Signature) <u>Michelle Gonzales</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>12-17-25</u>	Time <u>1515</u>	Received by: (Signature) <u>Nathan Gonzales</u>
Relinquished by: (Signature) <u>Nathan Gonzales</u>	Date <u>12-17-25</u>	Time <u>1945</u>	Received by: (Signature) <u>Joe Sato</u>
Relinquished by: (Signature) <u>Joe Sato</u>	Date <u>12-17-25</u>	Time <u>2330</u>	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Received by: (Signature)

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N

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

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

Envirotech Analytical Laboratory

Printed: 12/18/2025 9:12:58AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	12/18/25 06:00	Work Order ID:	E512160
Phone:	(806) 724-5391	Date Logged In:	12/17/25 15:18	Logged In By:	Caitlin Mars
Email:	delrac@pimaoil.com	Due Date:	12/18/25 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

APPENDIX D

Photographic Documentation



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

DEVON ENERGY PRODUCTION, LP.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Site information sign.



Point of release.



Photograph taken during assessment facing west.



Photograph taken during assessment facing northeast.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Photo of release area.



Aerial view of spill area.



Aerial view of delineation samples collected.



Delineation sample point S1.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Delineation sample point S2.



Delineation sample point S3.



Delineation sample point S4.



Delineation sample point S5.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Delineation sample point S6.



Delineation sample point S7.



Delineation sample point S8.



Delineation sample point SW1.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment :



Delineation sample point SW2.



Delineation sample point SW3.



Delineation sample point SW4.



Delineation sample point SW5.

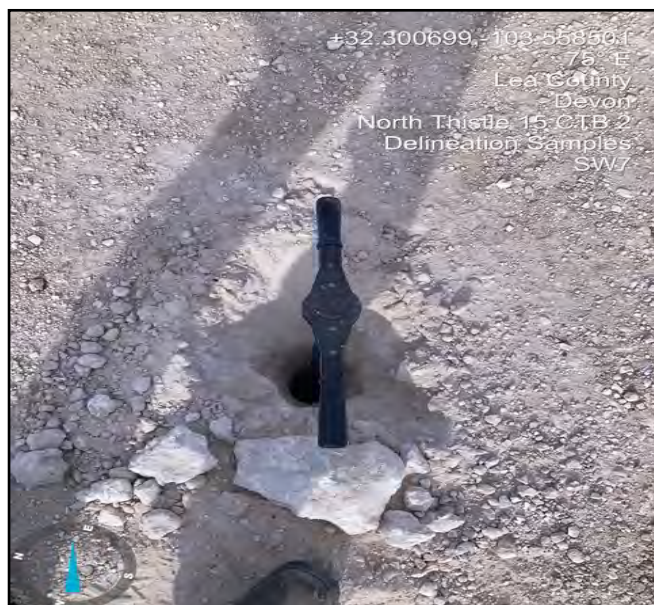
PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

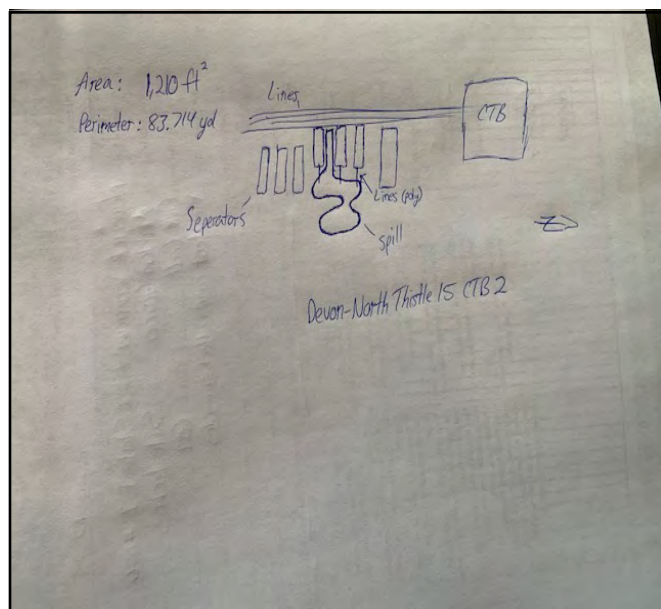
Assessment :



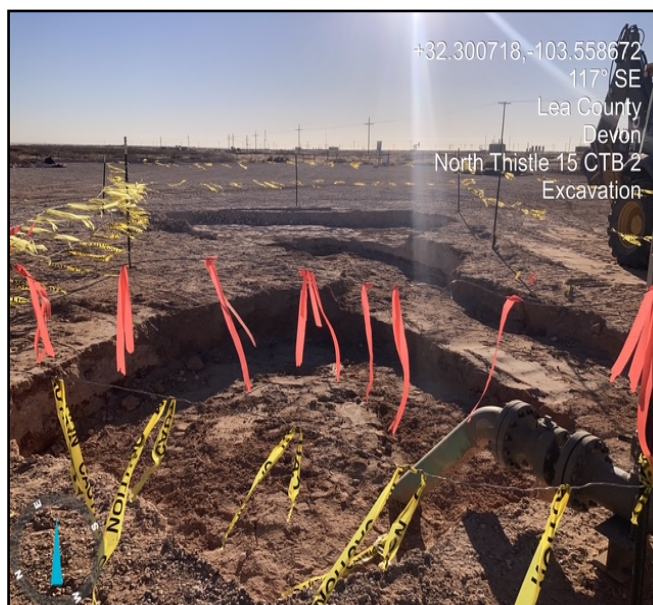
Delineation sample point SW6.



Delineation sample point SW7.



Assessment field notes.



Excavation photo facing southeast.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Excavation/Backfill :



Excavation facing northwest.



Excavation facing north.



Excavation facing northwest.



Post excavation aerial view.

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Santa Fe, NM 87505

QUESTIONS

Action 591264

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 591264
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

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

Location of Release Source

Please answer all the questions in this group.

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

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Dump Line Produced Water Released: 62 BBL Recovered: 20 BBL Lost: 42 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Dump developed a pinhole leak. This allowed approximately 62 bbls produced water to be released to pad surface. 20 bbls recovered.

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QUESTIONS, Page 2

Action 591264

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 591264
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 06/03/2026
--	---

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QUESTIONS, Page 3

Action 591264

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number: 591264
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	7710
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	7310
GRO+DRO (EPA SW-846 Method 8015M)	5370
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	12/03/2025
On what date will (or did) the final sampling or liner inspection occur	12/05/2025
On what date will (or was) the remediation complete(d)	12/03/2025
What is the estimated surface area (in square feet) that will be reclaimed	1250
What is the estimated volume (in cubic yards) that will be reclaimed	72
What is the estimated surface area (in square feet) that will be remediated	1250
What is the estimated volume (in cubic yards) that will be remediated	72
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 591264

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 591264
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/03/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 591264

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 591264
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Seperators and pipelines would need to be removed, causing major desconstruction
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	310
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	20
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	fAPP2122855485 NORTH THISTLE 15 CTB 2
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 06/03/2026

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QUESTIONS, Page 6

Action 591264

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 591264
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	534115
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/16/2025
What was the (estimated) number of samples that were to be gathered	16
What was the sampling surface area in square feet	1250

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
--	----

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CONDITIONS

Action 591264

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 591264
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Deferral approved. Deferral of sample point S1 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	6/29/2026