

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

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

RE: SITE CHARACTERIZATION AND REMEDIATION WORK PLAN

LOCATION: North Thistle 15 CTB 2

WELL API: N/A

GPS: 32.29849, -103.56582

INCIDENT LOCATION: M-15-T23S-R33E

COUNTY: Lea

NMOCD REF. NO. NAPP2515572571

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

RELEASE INFORMATION

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

SITE CHARACTERIZATION

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

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

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



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

CULTURAL PROPERTIES PROTECTION

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

BIOLOGICALLY SENSITIVE AREAS

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

PROPOSED REMEDIATION PLAN

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

- 1. Pima visited the site to do a visual assessment of the site and release area pertaining to this incident. In doing so, Pima concluded that the release area measured totaled approximately 1,780 square feet, and all contamination remained on pad. A Site Map can be found in Figure 5. Photographic Documentation can be found in Appendix C.
- 2. Included in this Remediation Work Plan is a Site Map (Figure 5) showing eight (8) vertical samples and seven (7) horizontal samples that were collected as delineation/exploration samples. These samples were collected from surface, 1', 2', 3', and 4' bgs. Additional delineation samples were collected from sample points S4 and S5 at 5' in order to achieve full delineation. Additional samples were collected for sidewall samples SW3, SW4, SW5, SW6 & SW7 from surface, 1', 2', 3', an 4' bgs. These samples had to be extended laterally in order to accurately determine the extent of the release. Data Tables can be found in Figure 4. A complete Laboratory Report can be found in Appendix D.
- 3. The estimated volume of soil to be remediated from S5, S7, S8, SW7 is based on a depth of 1' bgs, approximately 600 square feet and 23 cubic yards.
- 4. The estimated volume of soil to be remediated from S1, S2, S6, SW5, and SW6 is based on a depth of 2' bgs, approximately 650 square feet and 49 cubic yards.
- 5. Devon Energy proposes to dig and haul contaminated soil per the Proposed Excavation Map included in Figure 6. The excavated areas will be backfilled with clean soil to remediate/reclaim the site. Devon Energy will submit the required 48-hour sampling notification before collecting 5-point composite samples from the excavated area. The confirmation samples will be collected representing a surface area of no more than 200 ft2.



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

Should you have any questions or need additional information, please feel free to contact: Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dvn.com. Pima Environmental – DelRae Geller at 806-724-5391 or delrae@pimaoil.com.

Respectfully,

Del Rae Geller

DelRae Geller Project Manager Pima Environmental Services, LLC.

ATTACHMENTS

FIGURES:

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

APPENDICES:

Appendix A – Water Surveys and Water Related Maps

Appendix B – Soil Survey, Geological Data

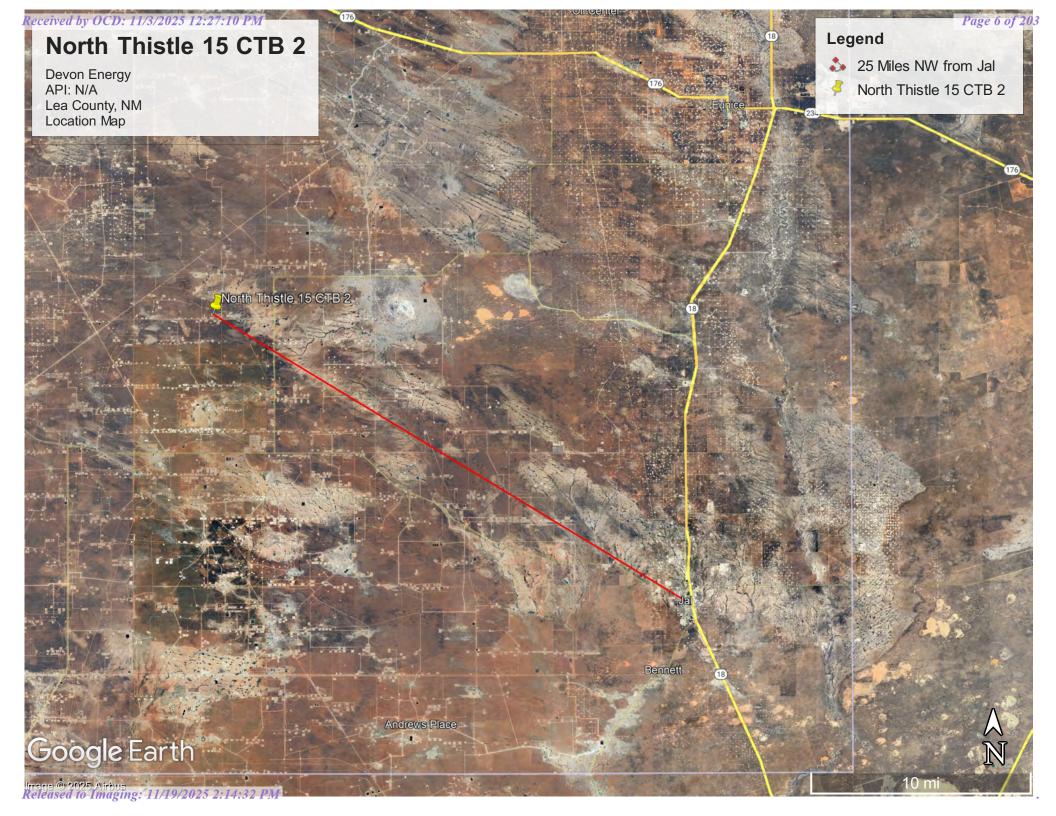
Appendix C – Photographic Documentation

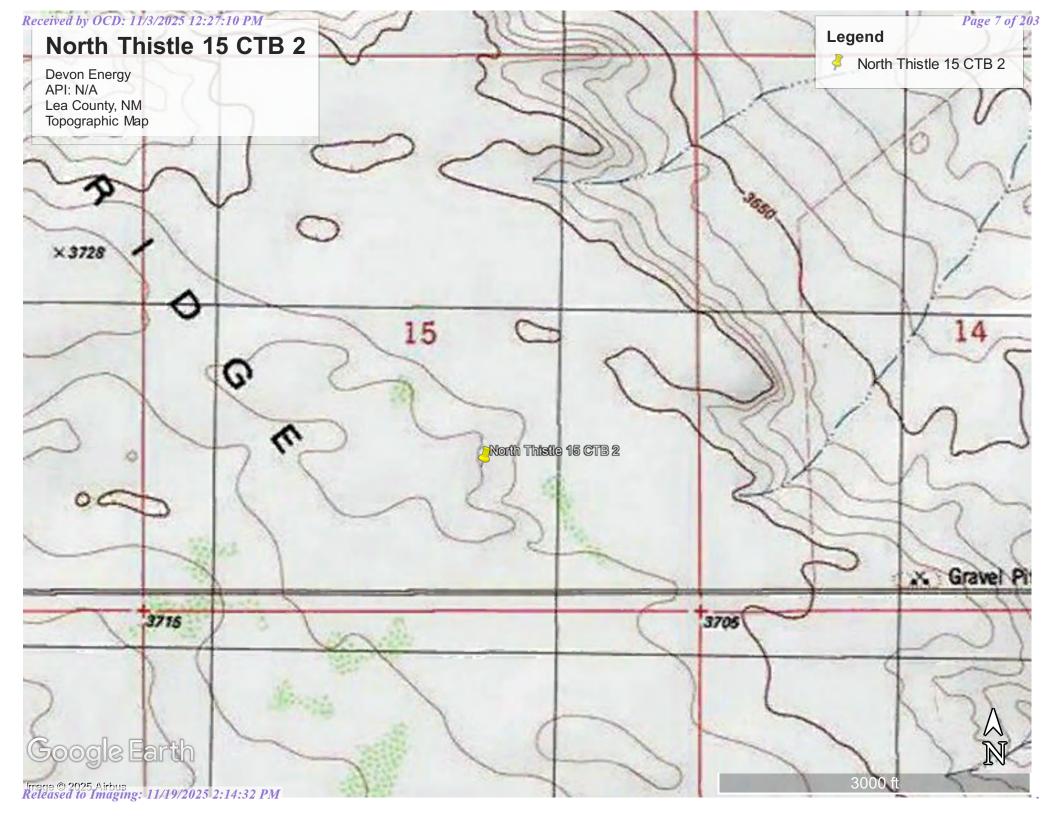
Appendix D – Laboratory Reports

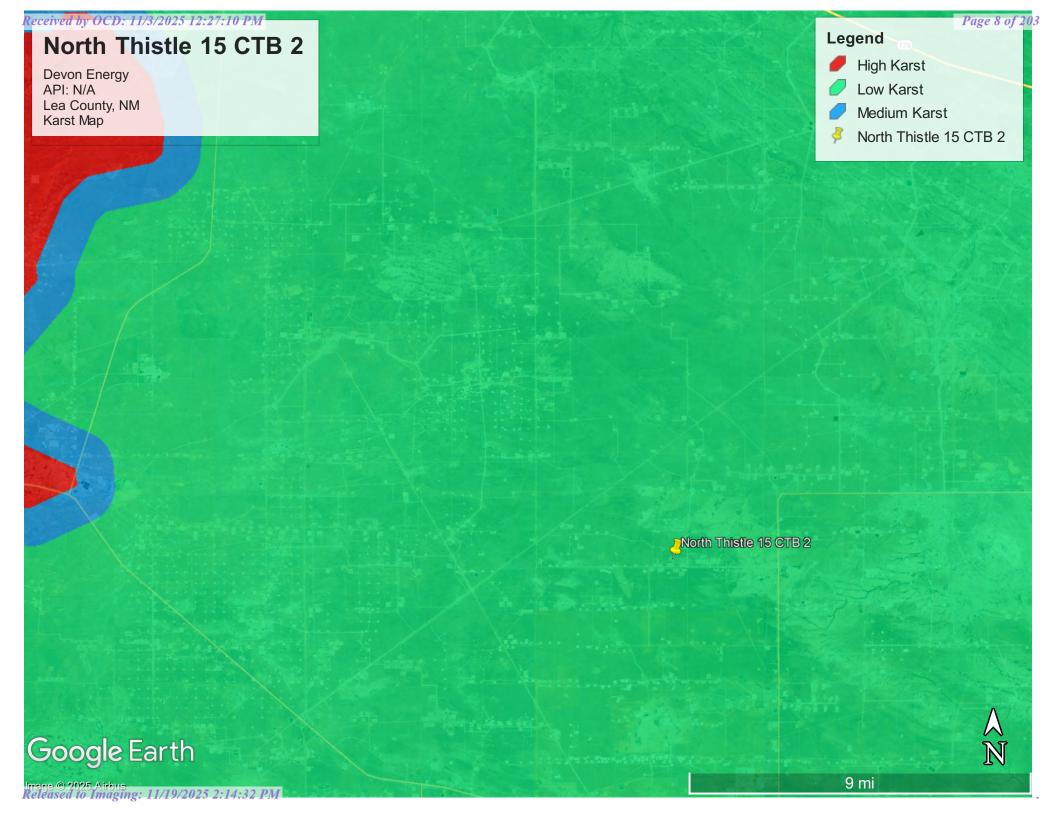


FIGURES

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







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	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl	
	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
	Surface	ND	ND	ND	692	628	1320	41.4	
	1'	ND	ND	ND	2180	824	3004	1820	
S1	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	
	Surface	ND	ND	ND	1550	1450	3000	7710	
	1'	ND	ND	ND	5370	1940	7310	1700	
S2	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	
	Surface	ND	ND	ND	ND	ND	ND	4690	
	1'	ND	ND	ND	ND	ND	ND	1500	
S3	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	
	Surface	ND	ND	ND	925	537	1462	2430	
	1'	ND	ND	ND	31.5	ND	31.5	314	
S4	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	
	Surface	ND	ND	ND	2090	1880	3970	352	
	1'	ND	ND	ND	79.9	79.7	159.6	265	
S5	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	
	Surface	ND	ND	ND	122	74.2	196.2	185	
	1'	ND	ND	ND	1030	517	1547	435	
S6	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	



NIV	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-	Date: 8-20-25 NM Approved Laboratory Results								
Cample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl	
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
	Surface	ND	ND	ND	4270	2690	6960	1110	
	1'	ND	ND	ND	304	159	463	580	
S7	2'	ND	ND	ND	ND	ND	ND	201	
	3'	ND	ND	ND	ND	ND	ND	174	
	4'	ND	ND	ND	ND	ND	ND	132	
	Surface	ND	ND	ND	2680	1450	4130	244	
	1'	ND	ND	ND	72.5	95.4	167.9	104	
S8	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	
	Surface	ND	ND	ND	ND	ND	ND	ND	
	1'	ND	ND	ND	ND	ND	ND	ND	
SW1	2'	ND	ND	ND	ND	ND	ND	ND	
	3'	ND	ND	ND	ND	ND	ND	ND	
	4'	ND	ND	ND	ND	ND	ND	ND	
	Surface	ND	ND	ND	ND	ND	ND	34.2	
	1'	ND	ND	ND	ND	ND	ND	113	
SW2	2'	ND	ND	ND	ND	ND	ND	ND	
	3'	ND	ND	ND	ND	ND	ND	ND	
	4'	ND	ND	ND	ND	ND	ND	ND	
	Surface	ND	ND	ND	ND	ND	ND	3360	
	1'	ND	ND	ND	ND	ND	ND	3860	
SW3	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	
	Surface	ND	ND	ND	ND	ND	ND	374	
	1'	ND	ND	ND	ND	ND	ND	2430	
SW4	2'	ND	ND	ND	ND	ND	ND	150	
	3'	ND	ND	ND	ND	ND	ND	33	
	4'	ND	ND	ND	ND	ND	ND	ND	
	Surface	ND	ND	ND	1560	1810	3370	69.5	
	1'	ND	ND	ND	1330	767	2097	392	
SW5	2'	ND	ND	ND	388	192	580	387	
	3'	ND	ND	ND	ND	ND	ND	182	
	4'	ND	ND	ND	ND	ND	ND	133	



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

NN	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 Ap	proved La	boratory l	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
	Surface	ND	ND	ND	988	679	1667	583
	1'	ND	ND	ND	3950	1660	5610	1670
SW6	2'	ND	ND	ND	29	ND	29	314
	3'	ND	ND	ND	ND	ND	ND	170
	4'	ND	ND	ND	ND	ND	ND	167
	Surface	ND	ND	ND	2720	1460	4180	686
	1'	ND	ND	ND	80.1	ND	80.1	48.7
SW7	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

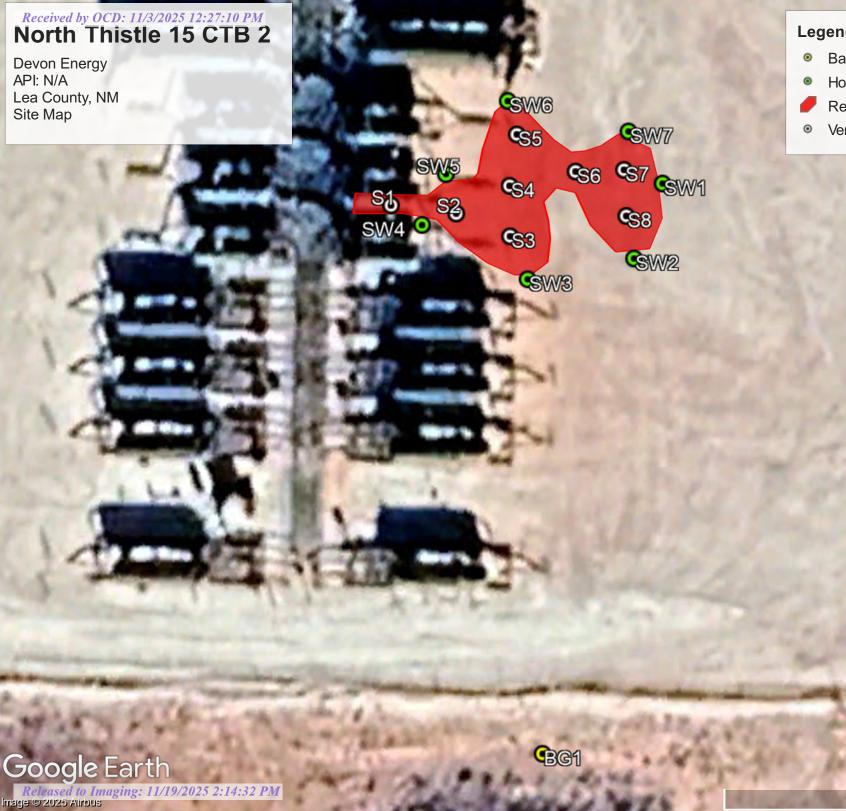
NIV	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')							
	DEVON ENERGY North Thistle 15 CTB 2							
Date: 10-9-	25			NM Ap	proved Lal	boratory I	Results	
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S4	5'	ND	ND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



NM	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 Ap	proved La	boratory I	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
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
SW5	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
SW6	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
SW7	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





Legend

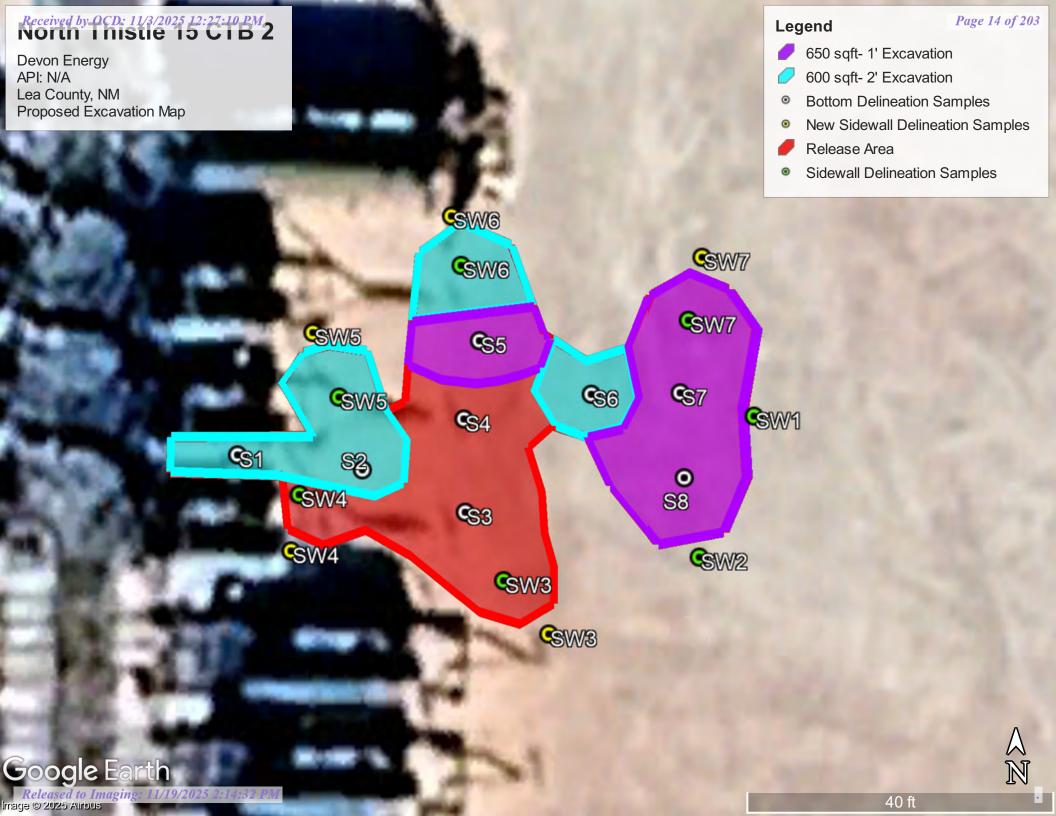
Page 13 of 203

Background Sample

Horizontal Delineation Samples

Release Area- 1,335 sqft

Vertical Delineation Samples



APPENDIX A

OSE Water Survey
USGS Water Survey
WWater Related Mapss

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	Υ	Мар
NA	C 04664 POD1	SE	NW	SE	15	23S	33E	635783.7	3574818.7	•

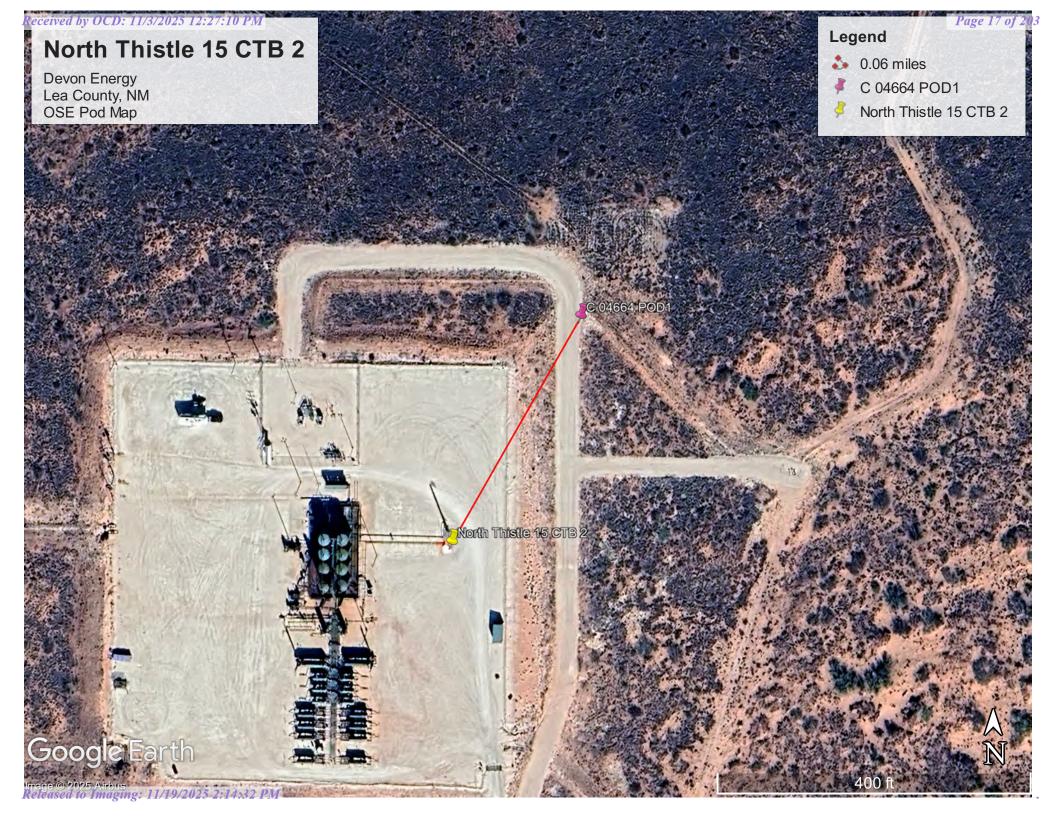
* UTM location was derived from PLSS - see Help

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

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

2/13/25 11:14 AM MST Point of Diversion Summary

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USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

Click to hideNews Bulletins

• Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

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.

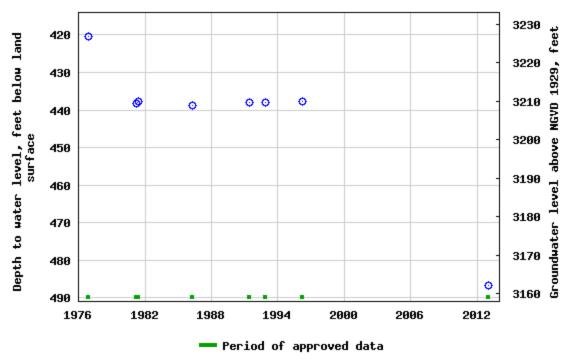
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

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

Output formats

Table of data	
<u>Tab-separated data</u>	
<u>Graph of data</u>	
Reselect period	

USGS 321952103400801 235.32E.03.311114



Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

Questions or Comments
Help
Data Tips
Explanation of terms
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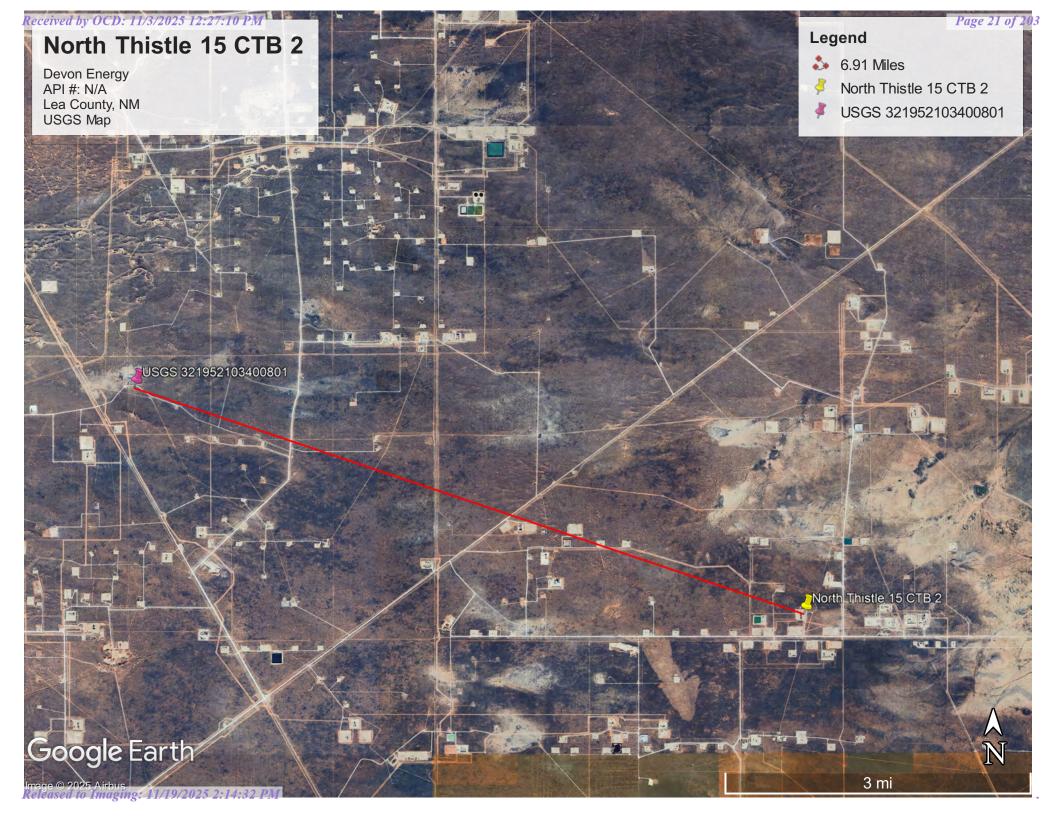
Title: Groundwater for USA: Water Levels

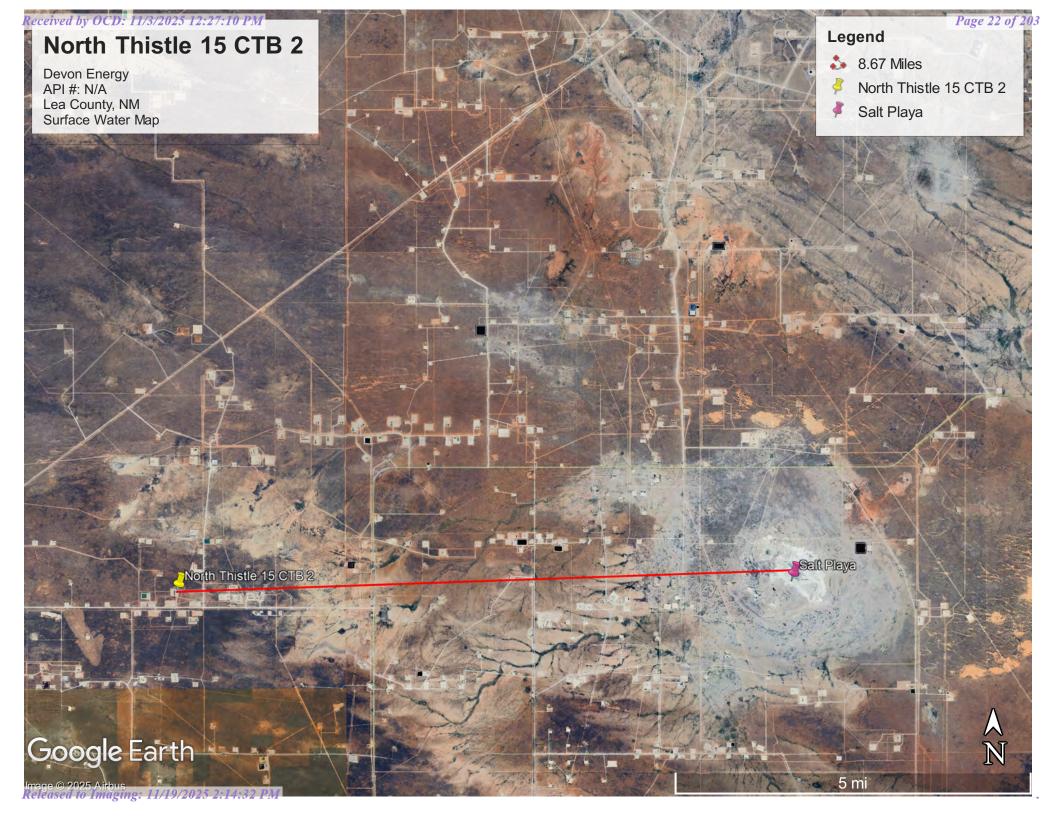
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2025-02-13 14:49:37 EST

0.64 0.46 nadww02







National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR

SPECIAL FLOOD HAZARD AREAS

Regulatory Floodway

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X

Area with Flood Risk due to Levee Zone D

Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X

OTHER AREAS OF FLOOD HAZARD

NO SCREEN Area of Minimal Flood Hazard Zone X

Effective LOMRs

OTHER AREAS Area of Undetermined Flood Hazard Zone D

GENERAL

- -- - Channel, Culvert, or Storm Sewer STRUCTURES | LILLILL Levee, Dike, or Floodwall

> 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect**

Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary

OTHER **FEATURES** — --- Coastal Transect Baseline **Profile Baseline**

Hydrographic Feature

Digital Data Available

No Digital Data Available

Unmapped

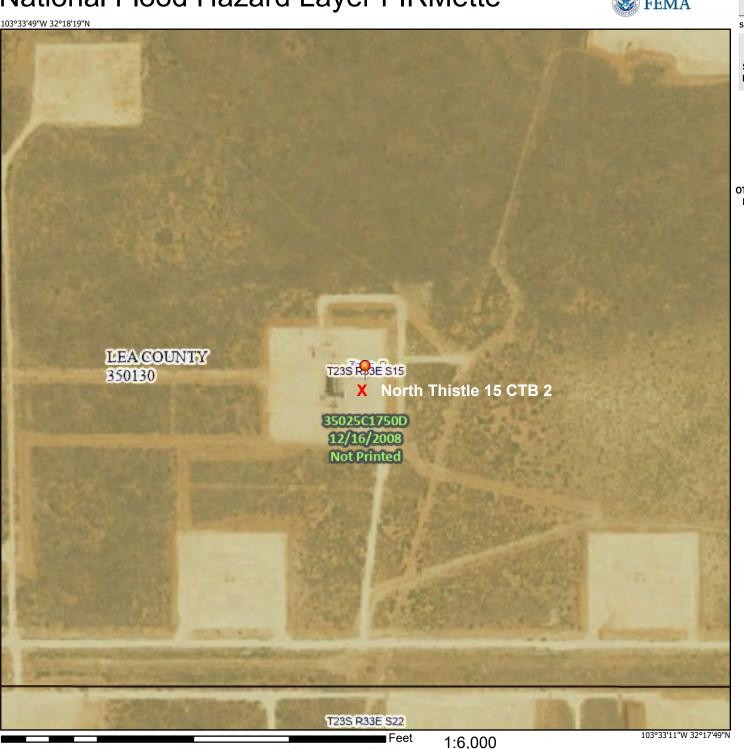
MAP PANELS

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



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

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

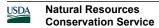
mmhos/cm)

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



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

Hydric soil rating: No

Data Source Information

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



MAP LEGEND

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Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Candfill

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

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.r	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) |

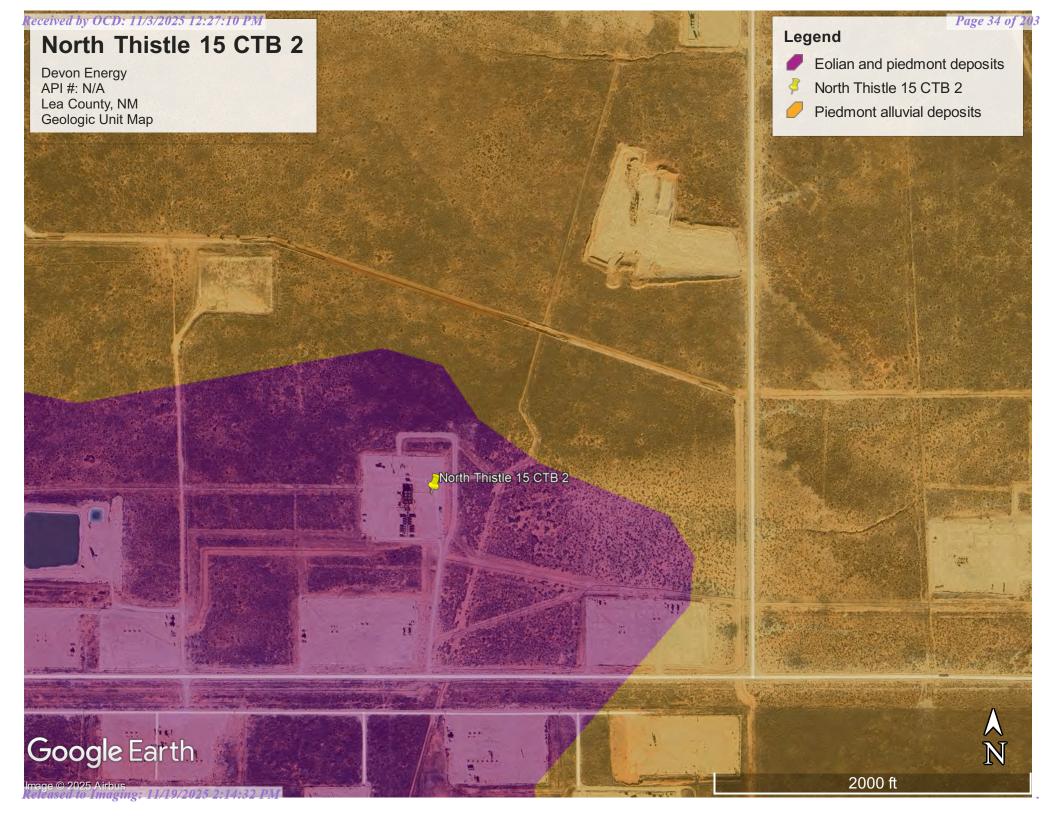
Accessibility (https://www2.usgs.gov/laws/accessibility.html) | Site Map (https://www.usgs.gov/sitemap.html) |

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

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



APPENDIX C

PPhotographic Documentation



PHOTOGRAPHIC DOCUMENTATION

SITE NAME: North Thistle 15 CTB 2

Assessment:



Clevon:
NORTH THISTIE 15 CTB 2
SEC.15-7235-R33E 1325' FSI. & 2220' FEI.
LEA COUNTY, NEW MEXICO!
LIMI 182' 18' G193'5' LONG, W. 103' 33' 31.898!
DEVON CORPORATE CONTACT: 800-361-3377)

Site information sign.

Point of release.



Photograph taken during assessment facing west.



Photograph taken during assessment facing northeast.



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.



SITE NAME: North Thistle 15 CTB 2

Assessment:



Delineation sample point S2.



Delineation sample point S3.



Delineation sample point S4.



Delineation sample point S5.



SITE NAME: North Thistle 15 CTB 2

Assessment:



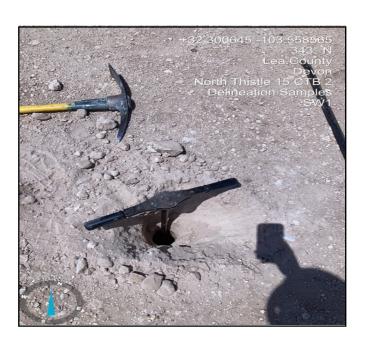
Delineation sample point S6.



Delineation sample point S7.



Delineation sample point S8.



Delineation sample point SW1.



SITE NAME: North Thistle 15 CTB 2

Assessment:



Delineation sample point SW2.



Delineation sample point SW3.



Delineation sample point SW4.



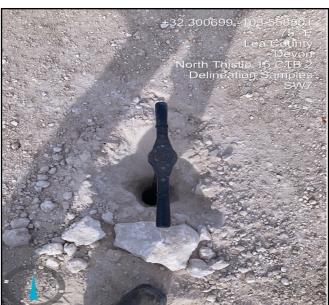
Delineation sample point SW5.



SITE NAME: North Thistle 15 CTB 2

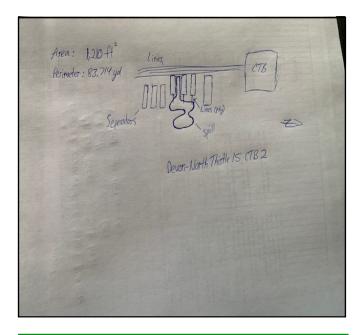
Assessment:





Delineation sample point SW6.

Delineation sample point SW7.



Assessment field notes.

APPENDIX D

Laboratory Reports

Report to:

Delrae Geller



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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mgonzales@envirotech-inc.com

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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
Q	C 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
D	efinitions and Notes	100
CI	nain of Custody etc.	10 ⁻

Sample Summary

Pima Environmental Services-CarlsbadProject Name:North Thistle 15 CTB 2Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller08/28/25 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
32-4'	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.
33-1'	E508248-12A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
33-2'	E508248-13A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
33-3'	E508248-14A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
3-4'	E508248-15A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz.
4-Surface	E508248-16A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
l-1'	E508248-17A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
l-2'	E508248-18A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-3'	E508248-19A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-4'	E508248-20A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-Surface	E508248-21A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
.1'	E508248-22A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-2'	E508248-23A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
3'	E508248-24A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-4'	E508248-25A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-Surface	E508248-26A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-1'	E508248-27A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-2'	E508248-28A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
5-3'	E508248-29A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
5-4'	E508248-30A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
7-Surface	E508248-31A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
7-1'	E508248-32A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-2'	E508248-33A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-3'	E508248-34A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
-4'	E508248-35A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
3-Surface	E508248-36A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
3-1'	E508248-37A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
8-2'	E508248-38A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
8-3'	E508248-39A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
8-4'	E508248-40A	Solid	08/20/25	08/22/25	Glass Jar, 2 oz
0-7	L300240-40A	Soliu	00/20/23	00122123	Giass Jai, 2 UZ.



Sample Summary

Pima Environmental Services-CarlsbadProject Name:North Thistle 15 CTB 2Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller08/28/25 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.



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	8/28/2025 9:28:10AM

S1- Surface E508248-01

E300240-01							
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes		
mg/kg	mg/kg	Anal	yst: BA		Batch: 2534120		
ND	0.0250	1	08/22/25	08/22/25			
ND	0.0250	1	08/22/25	08/22/25			
ND	0.0250	1	08/22/25	08/22/25			
ND	0.0250	1	08/22/25	08/22/25			
ND	0.0500	1	08/22/25	08/22/25			
ND	0.0250	1	08/22/25	08/22/25			
	97.7 %	70-130	08/22/25	08/22/25			
mg/kg	mg/kg	Analy	yst: BA		Batch: 2534120		
ND	20.0	1	08/22/25	08/22/25			
	93.9 %	70-130	08/22/25	08/22/25			
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2534112		
692	25.0	1	08/22/25	08/22/25			
628	50.0	1	08/22/25	08/22/25			
	101 %	61-141	08/22/25	08/22/25			
mg/kg	mg/kg	Anal	yst: TP		Batch: 2534128		
41.4	20.0	1	08/22/25	08/22/25			
	mg/kg ND ND ND ND ND ND ND Mg/kg ND mg/kg 692 628	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 97.7 % mg/kg mg/kg mg/kg ND 20.0 93.9 % mg/kg mg/kg mg/kg 692 25.0 628 50.0 101 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 97.7 % 70-130 70-130 mg/kg mg/kg Analy Mg/kg mg/kg Analy 692 25.0 1 692 25.0 1 101 % 61-141 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0500 1 08/22/25 ND 0.0250 1 08/22/25 mg/kg mg/kg Analyst: BA ND 20.0 1 08/22/25 mg/kg mg/kg Analyst: RAS 692 25.0 1 08/22/25 628 50.0 1 08/22/25 mg/kg Mg/22/25 628 50.0 1 08/22/25 mg/kg mg/kg Analyst: TP Analyst: TP	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 08/22/25 08/22/25 ND 0.0250 1 08/22/25 08/22/25 ND 0.0250 1 08/22/25 08/22/25 ND 0.0500 1 08/22/25 08/22/25 ND 0.0250 1 08/22/25 08/22/25 ND 0.0250 1 08/22/25 08/22/25 mg/kg mg/kg Analyst: BA ND 20.0 1 08/22/25 08/22/25 mg/kg mg/kg Analyst: RAS 692 25.0 1 08/22/25 08/22/25 628 50.0 1 08/22/25 08/22/25 628 50.0 1 08/22/25 08/22/25 mg/kg Mg/kg Analyst: TP 08/22/25		

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	8/28/2025 9:28:10AM

S1-1'

		ъ .:				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: BA		Batch: 2534120	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		102 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: TP		Batch: 2534128
-	1820	40.0	2	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

S1-2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		102 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2534128
· · · · · · · · · · · · · · · · · · ·	634	20.0		08/22/25	08/22/25	·



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	8/28/2025 9:28:10AM

S1-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		108 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: TP		Batch: 2534128



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	8/28/2025 9:28:10AM

S1-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		97.2 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: TP		Batch: 2534128
	109	20.0		08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

S2-Surface E508248-06

		E300240-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
oluene	ND	0.0250	1	08/22/25	08/22/25	
-Xylene	ND	0.0250	1	08/22/25	08/22/25	
,m-Xylene	ND	0.0500	1	08/22/25	08/22/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/22/25	
iurrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: RAS		Batch: 2534112
Diesel Range Organics (C10-C28)	1550	25.0	1	08/22/25	08/22/25	
Dil Range Organics (C28-C36)	1450	50.0	1	08/22/25	08/22/25	
Surrogate: n-Nonane		104 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: TP		Batch: 2534128
Chloride	7710	200	10	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

S2-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		95.3 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534128
Chloride	1700	40.0	2	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

S2-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.6 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: BA			Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		97.8 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2534128



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	8/28/2025 9:28:10AM

S2-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		102 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2534128
Amons by E111200:0/203011						



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	8/28/2025 9:28:10AM

S2-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		100 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534128
Chloride	99.8	20.0	1	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

S3-Surface E508248-11

		E300240-11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	08/22/25	08/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		100 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2534128
Chloride	4690	40.0	2	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

S3-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		98.5 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		102 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2534128
Chloride	1500	40.0	2	08/22/25	08/22/25	•



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	8/28/2025 9:28:10AM

S3-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		98.4 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		105 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2534128
				08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

S3-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: 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		98.3 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		99.7 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534128
Chloride	45.3	20.0	1	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

S3-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		98.4 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		96.8 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534128
	269	20.0	1	08/22/25	08/22/25	



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	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	Analy	yst: 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	Analy	yst: 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	Analy	yst: 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	Analy	yst: TP		Batch: 2534128
Chloride	2430	40.0	2	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

S4-1'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: BA		Batch: 2534120
ND	0.0250	1	08/22/25	08/23/25	
ND	0.0250	1	08/22/25	08/23/25	
ND	0.0250	1	08/22/25	08/23/25	
ND	0.0250	1	08/22/25	08/23/25	
ND	0.0500	1	08/22/25	08/23/25	
ND	0.0250	1	08/22/25	08/23/25	
	97.4 %	70-130	08/22/25	08/23/25	
mg/kg	mg/kg	Analy	/st: BA		Batch: 2534120
ND	20.0	1	08/22/25	08/23/25	
	94.4 %	70-130	08/22/25	08/23/25	
mg/kg	mg/kg	Analy	st: RAS		Batch: 2534112
31.5	25.0	1	08/22/25	08/23/25	
ND	50.0	1	08/22/25	08/23/25	
	103 %	61-141	08/22/25	08/23/25	
mg/kg	mg/kg	Analy	/st: TP		Batch: 2534128
mg/kg	mg/kg				
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 94.4 % mg/kg mg/kg mg/kg 31.5 25.0 ND 50.0 103 %	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 97.4% 70-130 mg/kg mg/kg Analy ND 20.0 1 94.4% 70-130 mg/kg mg/kg mg/kg Analy ND 50.0 1 103% 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0500 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 mg/kg 70-130 08/22/25 mg/kg mg/kg Analyst: BA ND 20.0 1 08/22/25 mg/kg mg/kg Analyst: RAS 31.5 25.0 1 08/22/25 ND 50.0 1 08/22/25 ND 50.0 1 08/22/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 08/22/25 08/23/25 ND 0.0250 1 08/22/25 08/23/25 ND 0.0250 1 08/22/25 08/23/25 ND 0.0500 1 08/22/25 08/23/25 ND 0.0250 1 08/22/25 08/23/25 ND 0.0250 1 08/22/25 08/23/25 mg/kg mg/kg Analyst: BA ND 20.0 1 08/22/25 08/23/25 mg/kg mg/kg Analyst: BA ND 20.0 1 08/22/25 08/23/25 mg/kg mg/kg Analyst: RAS 31.5 25.0 1 08/22/25 08/23/25 ND 50.0 1 08/22/25 08/23/25 ND 50.0 1 08/22/25 08/23/25



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	8/28/2025 9:28:10AM

S4-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		97.6 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		102 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2534128
· · · · · · · · · · · · · · · · · · ·	628	20.0		08/22/25	08/23/25	•



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	8/28/2025 9:28:10AM

S4-3'

E508248-19

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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		97.7 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		100 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: TP		Batch: 2534128
· · · · · · · · · · · · · · · · · · ·	537	20.0		08/22/25	08/23/25	<u> </u>



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	8/28/2025 9:28:10AM

S4-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		97.1 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2534120
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	08/22/25	08/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		108 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2534128



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	8/28/2025 9:28:10AM

S5-Surface E508248-21

	L300240 21				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	mg/kg Analyst: SL			Batch: 2534121
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0500	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
	94.4 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Analyst: SL			Batch: 2534121
ND	20.0	1	08/22/25	08/25/25	
	114 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2534113
2090	25.0	1	08/22/25	08/22/25	
1880	50.0	1	08/22/25	08/22/25	
	102 %	61-141	08/22/25	08/22/25	
mg/kg	mg/kg	Anal	yst: TP		Batch: 2534129
352	20.0	1	08/22/25	08/25/25	
	mg/kg ND ND ND ND ND ND ND ND ND 10 10 10 10 10 10 10 10 10 10 10 10 10	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg 114 % mg/kg mg/kg 50.0 102 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 114 % 70-130 mg/kg mg/kg Anal 2090 25.0 1 1880 50.0 1 102 % 61-141 1 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0500 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 mg/kg Malyst: SL ND 08/22/25 mg/kg Analyst: SL ND 08/22/25 mg/kg Mg/22/25 ND 08/22/25 mg/kg Analyst: RAS 08/22/25 mg/kg Mg/22/25 1 08/22/25 mg/kg Analyst: RAS 0 1 08/22/25 1880 50.0 1 08/22/25 mg/kg Mg/22/25 0 1 08/22/25 mg/kg Analyst: TP 0 0 0 0	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0500 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 MD 0.0250 1 08/22/25 08/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/22/25 08/25/25 mg/kg mg/kg Analyst: RAS 2090 25.0 1 08/22/25 08/22/25 1880 50.0 1 08/22/25 08/22/25 mg/kg Mg/kg Analyst: TP



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	8/28/2025 9:28:10AM

S5-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	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		94.5 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	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		115 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Ana	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	
Surrogate: n-Nonane		91.2 %	61-141	08/22/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2534129	
	265	20.0	-	08/22/25	08/25/25	· · · · · · · · · · · · · · · · · · ·



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	8/28/2025 9:28:10AM

S5-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		96.5 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		92.9 %	61-141	08/22/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534129
Chloride	195	20.0	1	08/22/25	08/25/25	



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	8/28/2025 9:28:10AM

S5-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		96.6 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		113 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		99.3 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2534129
Chloride	241	20.0	1	08/22/25	08/25/25	



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	8/28/2025 9:28:10AM

S5-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		99.7 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		95.4 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534129
Chloride	327	20.0	1	08/22/25	08/25/25	



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	8/28/2025 9:28:10AM

S6-Surface E508248-26

		E300240-20				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
-Xylene	ND	0.0250	1	08/22/25	08/25/25	
,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		97.2 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		99.9 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2534129
Chloride	185	20.0	1	08/22/25	08/25/25	



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	8/28/2025 9:28:10AM

S6-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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		98.4 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: 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	Anal	lyst: 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	
Surrogate: n-Nonane		102 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: TP		Batch: 2534129
	435	20.0		08/22/25	08/25/25	•



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	8/28/2025 9:28:10AM

S6-2'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2534121
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0500	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
	94.7 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Analyst: SL			Batch: 2534121
ND	20.0	1	08/22/25	08/25/25	
	114 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2534113
30.4	25.0	1	08/22/25	08/22/25	
67.2	50.0	1	08/22/25	08/22/25	
	98.6 %	61-141	08/22/25	08/22/25	
					D . 1 0524100
mg/kg	mg/kg	Ana	lyst: TP		Batch: 2534129
	mg/kg ND 30.4	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 114 % mg/kg mg/kg mg/kg 30.4 25.0 67.2 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 94.7% 70-130 mg/kg mg/kg Ana ND 20.0 1 114% 70-130 mg/kg mg/kg Ana 30.4 25.0 1 67.2 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0500 1 08/22/25 ND 0.0250 1 08/22/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/22/25 mg/kg mg/kg Analyst: RAS mg/kg mg/kg Analyst: RAS 30.4 25.0 1 08/22/25 67.2 50.0 1 08/22/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0500 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/22/25 08/25/25 mg/kg mg/kg Analyst: RAS mg/kg mg/kg Analyst: RAS 30.4 25.0 1 08/22/25 08/22/25 67.2 50.0 1 08/22/25 08/22/25



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	8/28/2025 9:28:10AM

S6-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		95.1 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		99.1 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2534129



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	8/28/2025 9:28:10AM

S6-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		99.3 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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		98.7 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534129
Chloride	93.6	20.0	1	08/22/25	08/25/25	



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	8/28/2025 9:28:10AM

S7-Surface E508248-31

		E300240-31				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
- American Control of the Control of				•	1 11111) 200	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		99.4 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	
Surrogate: n-Nonane		95.3 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2534129
Chloride	1110	20.0	1	08/22/25	08/25/25	·



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	8/28/2025 9:28:10AM

S7-1'

		D				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		alyst: 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		99.9 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		93.6 %	61-141	08/22/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534129
Chloride	580	20.0	1	08/22/25	08/25/25	•



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	8/28/2025 9:28:10AM

S7-2'

	Reporting				
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2534121
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0500	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
	99.8 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2534121
ND	20.0	1	08/22/25	08/25/25	
	107 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Ana	alyst: KH		Batch: 2534113
ND	25.0	1	08/22/25	08/25/25	
ND	50.0	1	08/22/25	08/25/25	
	94.7 %	61-141	08/22/25	08/25/25	
mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534129
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 107 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Ana ND 20.0 1 Mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0500 1 08/22/25 ND 0.0250 1 08/22/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/22/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/22/25 ND 25.0 1 08/22/25 ND 50.0 1 08/22/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0500 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/22/25 08/25/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/22/25 08/25/25 ND 25.0 1 08/22/25 08/25/25 ND 50.0 1 08/22/25 08/25/25



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	8/28/2025 9:28:10AM

S7-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		97.4 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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		97.1 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534129
Chloride	174	20.0	-	08/22/25	08/25/25	



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	8/28/2025 9:28:10AM

S7-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: 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	Ana	lyst: TP		Batch: 2534129



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	8/28/2025 9:28:10AM

S8-Surface **E508248-36**

		E300240-30				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		94.4 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		93.4 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: TP		Batch: 2534129
Chloride	244	20.0	1	08/22/25	08/25/25	



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	8/28/2025 9:28:10AM

S8-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	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	
Surrogate: n-Nonane		100 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2534129
Chloride	104	20.0	1	08/22/25	08/25/25	



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	8/28/2025 9:28:10AM

S8-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	Anal	lyst: SL		Batch: 2534121
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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		99.6 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: TP		Batch: 2534129
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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	8/28/2025 9:28:10AM

S8-3'

Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2534121
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0500	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
	97.1 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Analyst: SL			Batch: 2534121
ND	20.0	1	08/22/25	08/25/25	
	109 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Analy	Analyst: RAS		Batch: 2534113
ND	25.0	1	08/22/25	08/23/25	
ND	50.0	1	08/22/25	08/23/25	
	102 %	61-141	08/22/25	08/23/25	
ma/ka	mg/kg	Analy	yst: TP		Batch: 2534129
mg/kg	mg/kg		, 50. 11		Batem 200 (12)
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MD 20.0 I09 % mg/kg ND 25.0 ND 50.0 I02 %	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 70-130 0 mg/kg mg/kg Analy ND 20.0 1 109 % 70-130 0 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 102 % 61-141 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0500 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 mg/kg 70-130 08/22/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/22/25 mg/kg mg/kg Analyst: RAS ND 25.0 1 08/22/25 ND 50.0 1 08/22/25 102 % 61-141 08/22/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/22/25 08/25/25 ND 0.0500 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/22/25 08/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/22/25 08/25/25 mg/kg mg/kg Analyst: RAS ND 25.0 1 08/22/25 08/23/25 ND 50.0 1 08/22/25 08/23/25 ND 50.0 1 08/22/25 08/23/25



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	8/28/2025 9:28:10AM

S8-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		99.0 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: 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	Ana	alyst: 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		101 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2534129
Chloride	ND	20.0	1	08/22/25	08/26/25	



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	8/28/2025 9:28:10AM

SW1-Surface E508248-41

		200210 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
oluene	ND	0.0250	1	08/22/25	08/25/25	
-Xylene	ND	0.0250	1	08/22/25	08/25/25	
,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/25/25	
iurrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2534114
Diesel Range Organics (C10-C28)	ND	25.0	1	08/22/25	08/22/25	
Dil Range Organics (C28-C36)	ND	50.0	1	08/22/25	08/22/25	
Surrogate: n-Nonane		116 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2534135
Chloride	ND	20.0	1	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

SW1-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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		94.2 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		107 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2534135



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	8/28/2025 9:28:10AM

SW1-2'

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		95.3 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		103 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2534135
					08/22/25	



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	8/28/2025 9:28:10AM

SW1-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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		94.7 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		109 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2534135
	ND	20.0		08/22/25	08/22/25	·



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	8/28/2025 9:28:10AM

SW1-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		94.4 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		101 %	61-141	08/22/25	08/22/25	
	_	//	A 1.	vot. IV		Batch: 2534135
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anai	yst: IY		Baten: 2334133



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	8/28/2025 9:28:10AM

SW2-Surface E508248-46

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



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	8/28/2025 9:28:10AM

SW2-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		110 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2534135
	113	20.0	·	08/22/25	08/22/25	·



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	8/28/2025 9:28:10AM

SW2-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		95.1 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		108 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2534135
· · · · · · · · · · · · · · · · · · ·	ND	20.0	·	08/22/25	08/22/25	·



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	8/28/2025 9:28:10AM

SW2-3' E508248-49

		2002.0.				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		st: BA	1 2002/200	Batch: 2534122
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene	ND	0.0250	1	08/22/25	08/25/25	
Foluene	ND	0.0250	1	08/22/25	08/25/25	
o-Xylene	ND	0.0250	1	08/22/25	08/25/25	
o,m-Xylene	ND	0.0500	1	08/22/25	08/25/25	
Fotal Xylenes	ND	0.0250	1	08/22/25	08/25/25	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		105 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2534135
Chloride	ND	20.0	1	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

SW2-4' E508248-50

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: BA		Batch: 2534122
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0500	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
	97.1 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Analy	yst: BA		Batch: 2534122
ND	20.0	1	08/22/25	08/25/25	
	89.0 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Analy	yst: KH		Batch: 2534114
ND	25.0	1	08/22/25	08/22/25	
ND	50.0	1	08/22/25	08/22/25	
	109 %	61-141	08/22/25	08/22/25	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2534135
ND	20.0	1	08/22/25	08/22/25	
	mg/kg ND Mg/kg ND mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 89.0 % mg/kg MD 25.0 ND 50.0 109 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 97.1 % 70-130 mg/kg mg/kg Analy ND 20.0 1 89.0 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 109 % 61-141 61-141 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0500 1 08/22/25 ND 0.0250 1 08/22/25 mg/kg mg/kg Analyst: BA ND 20.0 1 08/22/25 mg/kg mg/kg/22/5 08/22/25 mg/kg Analyst: KH ND 25.0 1 08/22/25 ND 25.0 1 08/22/25 ND 08/22/25 ND 50.0 1 08/22/25 ND 08/22/25 MD 50.0 1 08/22/25 ND 08/22/25 Mg/kg Mg/kg Analyst: KH ND 08/22/25 ND 08/22/25 ND 08/22/25 ND 08/22/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0500 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 mg/kg Mg/22/25 08/25/25 08/25/25 mg/kg Analyst: KH ND 25.0 1 08/22/25 08/22/25 ND 25.0 1 08/22/25 08/22/25 08/22/25 ND 50.0 <



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	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	Analy	yst: 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		93.4 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		109 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2534135
Chloride	3360	40.0	2	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

SW3-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: 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		94.4 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		107 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2534135
Chloride	3860	40.0	2	08/22/25	08/22/25	



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	8/28/2025 9:28:10AM

SW3-2'

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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		92.2 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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		110 %	61-141	08/22/25	08/23/25	
	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2534135
Anions by EPA 300.0/9056A	mg/ng	88				



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	8/28/2025 9:28:10AM

SW3-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		94.6 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
				00/00/0	00/22/25	
		107 %	61-141	08/22/25	08/23/25	
Surrogate: n-Nonane Anions by EPA 300.0/9056A	mg/kg	107 % mg/kg	61-141 Analy		08/23/25	Batch: 2534135



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	8/28/2025 9:28:10AM

SW3-4'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2534122
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
ND	0.0500	1	08/22/25	08/25/25	
ND	0.0250	1	08/22/25	08/25/25	
	95.5 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2534122
ND	20.0	1	08/22/25	08/25/25	
	91.5 %	70-130	08/22/25	08/25/25	
mg/kg	mg/kg	Anal	lyst: KH		Batch: 2534114
ND	25.0	1	08/22/25	08/23/25	
ND	50.0	1	08/22/25	08/23/25	
	112 %	61-141	08/22/25	08/23/25	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2534135
mg/kg	mg/kg		· /		Battern 200 1100
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 25.5 % mg/kg mg/kg ND 20.0 91.5 % mg/kg ND 25.0 ND 50.0 112 %	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 25.5 % 70-130 mg/kg mg/kg Anal ND 20.0 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 112 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0500 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 mg/kg mg/kg Analyst: BA ND 20.0 1 08/22/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/22/25 ND 50.0 1 08/22/25 ND 50.0 1 08/22/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0500 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 ND 0.0250 1 08/22/25 08/25/25 mg/kg Mg/22/25 08/25/25 08/25/25 mg/kg Mg/22/25 08/25/25 08/25/25 mg/kg Analyst: BA ND 20.0 1 08/22/25 08/25/25 mg/kg mg/kg Analyst: KH ND 25.0 1 08/22/25 08/23/25 ND 25.0 1 08/22/25 08/23/25 ND 50.0 1 08/22/25 08/23/25



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	8/28/2025 9:28:10AM

SW4-Surface E508248-56

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		95.1 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2534122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.9 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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		112 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2534135
Chloride	374	20.0	1	08/22/25	08/23/25	



Chloride

Sample Data

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	8/28/2025 9:28:10AM

SW4-1'

E508248-57							
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		95.9 %	70-130	08/22/25	08/25/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2534122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	08/22/25	08/25/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		110 %	61-141	08/22/25	08/23/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2534135	

40.0

2430

2

08/22/25

08/23/25



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	8/28/2025 9:28:10AM

SW4-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	ng/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		96.8 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ana	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		92.1 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		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		104 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A		mg/kg	Analyst: IY			Batch: 2534135
	150	20.0		08/22/25	08/23/25	· · · · · · · · · · · · · · · · · · ·



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	8/28/2025 9:28:10AM

SW4-3' E508248-59

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	Analy	yst: 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	Analy	yst: 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	Analy	yst: IY		Batch: 2534135
Chloride	33.0	20.0	1	08/22/25	08/23/25	



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	8/28/2025 9:28:10AM

SW4-4'

E508248-60

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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		94.8 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	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		91.6 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
		106 %	61-141	08/22/25	08/23/25	
Surrogate: n-Nonane						
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2534135



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	8/28/2025 9:28:10AM

SW5-Surface E508248-61

		E300240-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
,	mg/kg	mg/kg	Anal	lyst: SL	<u> </u>	Batch: 2534130
Volatile Organics by EPA 8021B	ND	0.0250	1	08/22/25	08/25/25	Batch: 2354130
Benzene	ND	0.0250	1	08/22/25	08/25/25	
Ethylbenzene Toluene	ND 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		93.0 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		97.8 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2535011
Chloride	69.5	20.0	1	08/25/25	08/25/25	



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	8/28/2025 9:28:10AM

SW5-1'

E508248-0	52

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2534130
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	Ana	lyst: 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	
Surrogate: n-Nonane		98.4 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2535011



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	8/28/2025 9:28:10AM

SW5-2'

E5082	40	10

		D '				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	Frepared	Analyzeu	ivotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		95.8 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2535011
Chloride	387	20.0	1	08/25/25	08/26/25	



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	8/28/2025 9:28:10AM

SW5-3'

E508248-64

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	08/22/25	08/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		104 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2535011
Chloride	182	20.0	1	08/25/25	08/25/25	



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	8/28/2025 9:28:10AM

SW5-4'

E5082	40	65
E3U02	40-	v

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		102 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2535011
Chloride	133	20.0	1	08/25/25	08/25/25	



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	8/28/2025 9:28:10AM

SW6-Surface E508248-66

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2534130
ND	0.0250	1	08/22/25	08/26/25	
ND	0.0250	1	08/22/25	08/26/25	
ND	0.0250	1	08/22/25	08/26/25	
ND	0.0250	1	08/22/25	08/26/25	
ND	0.0500	1	08/22/25	08/26/25	
ND	0.0250	1	08/22/25	08/26/25	
	97.3 %	70-130	08/22/25	08/26/25	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2534130
ND	20.0	1	08/22/25	08/26/25	
	108 %	70-130	08/22/25	08/26/25	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2534134
988	25.0	1	08/22/25	08/22/25	
679	50.0	1	08/22/25	08/22/25	
	102 %	61-141	08/22/25	08/22/25	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2535011
583	20.0		08/25/25	08/25/25	
	mg/kg ND PROPERTY OF THE PROPERTY O	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 97.3 % mg/kg MB/kg mg/kg ND 20.0 108 % mg/kg mg/kg mg/kg 988 25.0 679 50.0 102 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 108 % 70-130 mg/kg mg/kg Ana mg/kg mg/kg Ana 988 25.0 1 679 50.0 1 102 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0250 1 08/22/25 ND 0.0500 1 08/22/25 ND 0.0250 1 08/22/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/22/25 mg/kg mg/kg Analyst: RAS 988 25.0 1 08/22/25 679 50.0 1 08/22/25 mg/kg 61-141 08/22/25 mg/kg Mg/kg Analyst: IY	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 08/22/25 08/26/25 ND 0.0250 1 08/22/25 08/26/25 ND 0.0250 1 08/22/25 08/26/25 ND 0.0500 1 08/22/25 08/26/25 ND 0.0250 1 08/22/25 08/26/25 ND 0.0250 1 08/22/25 08/26/25 mg/kg mg/kg Analyst: SL ND 20.0 1 08/22/25 08/26/25 mg/kg mg/kg Analyst: SL 08/26/25 mg/kg mg/kg Analyst: RAS 08/22/25 08/26/25 mg/kg mg/kg Analyst: RAS 08/22/25 08/22/25 679 50.0 1 08/22/25 08/22/25 mg/kg Mg/kg Analyst: IY 08/22/25



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	8/28/2025 9:28:10AM

SW6-1'

E508248-67

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		103 %	61-141	08/22/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2535011
	1670	20.0		08/25/25	08/25/25	



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	8/28/2025 9:28:10AM

SW6-2'

E508248-68

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		96.8 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2535011
Chloride	314	20.0	1	08/25/25	08/25/25	
Chloride			1	-	08/25/25	<u> </u>



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	8/28/2025 9:28:10AM

SW6-3'

		E508248-69				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: 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	
o,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		99.0 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: IY		Batch: 2535011
Chloride	170	20.0	1	08/25/25	08/25/25	



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	8/28/2025 9:28:10AM

SW6-4'

E508248-70

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		113 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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	
Surrogate: n-Nonane		96.0 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2535011
Chloride	167	20.0	1	08/25/25	08/25/25	



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	8/28/2025 9:28:10AM

SW7-Surface E508248-71

		1300210 71				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
-Xylene	ND	0.0250	1	08/22/25	08/26/25	
o,m-Xylene	ND	0.0500	1	08/22/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/22/25	08/26/25	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		99.2 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2535011
Chloride	686	20.0	1	08/25/25	08/25/25	



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	8/28/2025 9:28:10AM

SW7-1'

E508248-72

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		114 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		100 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2535011
Chloride	48.7	20.0	1	08/25/25	08/25/25	



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	8/28/2025 9:28:10AM

SW7-2'

E508248-73

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		103 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2535011
Allions by ETA 500:0/7050A						



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	8/28/2025 9:28:10AM

SW7-3'

E508248-	71
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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		100 %	61-141	08/22/25	08/23/25	
	mg/kg	mg/kg	Anal	yst: IY		Batch: 2535011
Anions by EPA 300.0/9056A	mg/kg	mg/kg				



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	8/28/2025 9:28:10AM

SW7-4'

E508248-75

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2534130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/22/25	08/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	08/22/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		98.1 %	61-141	08/22/25	08/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2535011



		QC SI	umm	ii y Dai	a				
Pima Environmental Services-Carlsbar PO Box 247 Plains TX, 79355-0247	d	Project Name: Project Number: Project Manager:	01	orth Thistle 1 1058-0007 elrae Geller	5 CTB 2				Reported: 8/28/2025 9:28:10AM
Fiams 1A, /9333-024/		Froject Manager.	D	enae Gener					8/28/2023 9.28.10AW
		Volatile O	rganics l	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534120-BLK1)							Prepared: 0	8/22/25 A	analyzed: 08/22/25
Benzene	ND	0.0250					1		
Ethylbenzene	ND	0.0250							
Foluene	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: 0	8/22/25 A	analyzed: 08/22/25
Benzene	5.56	0.0250	5.00		111	70-130			
Ethylbenzene	5.40	0.0250	5.00		108	70-130			
Coluene	5.50	0.0250	5.00		110	70-130			
-Xylene	5.30	0.0250	5.00		106	70-130			
o,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: 0	8/22/25 A	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			
Coluene	5.55	0.0250	5.00	ND	111	70-130			
-Xylene	5.32	0.0250	5.00	ND	106	70-130			
,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: 0	8/22/25 A	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	
· V-1	11.0	0.0500	10.0	ND	110	70 120	0.007	22	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

110

109

70-130

70-130

70-130

0.887

0.926

23

26



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

11.0

16.4

7.55

		QC SI	umm	ary Dat	<u>а</u>				
Pima Environmental Services-Carlsbac PO Box 247	d	Project Name: Project Number:	0	Torth Thistle 1 1058-0007	5 CTB 2				Reported:
Plains TX, 79355-0247		Project Manager:	Б	elrae Geller					8/28/2025 9:28:10AM
		Volatile O	rganics	by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534121-BLK1)							Prepared: 0	8/22/25 A	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: 0	8/22/25 A	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			
o,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: 0	8/22/25 A	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			
p-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: 0	8/22/25 A	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 Villagas	15.2	0.0250	15.0	ND	102	70 120	5 97	26	



15.3

7.89

0.0250

15.0

8.00

ND

102

98.6

70-130

70-130

5.87

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

		QC Si	umma	ii y Data	ı				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	orth Thistle 15 1058-0007 elrae Geller	CTB 2				Reported: 8/28/2025 9:28:10AM
		Volatile O	rganics l	by EPA 802	1B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534122-BLK1)							Prepared: 0	8/22/25 A	analyzed: 08/25/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Foluene	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: 0	8/22/25 A	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			
-Xylene	4.87	0.0250	5.00		97.5	70-130			
o,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: 0	8/22/25 A	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			
-Xylene	4.71	0.0250	5.00	ND	94.2	70-130			
o,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: 0	8/22/25 A	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	
m 1	4.00		5.00	NID	07.5	70.120	2.10	20	

ND

ND

ND

ND

5.00

5.00

10.0

15.0

0.0250

0.0250

0.0500

0.0250

4.88

4.84

9.63

14.5

97.5

96.8

96.3

96.5

96.2

70-130

70-130

70-130

70-130

70-130

20

25

23

26

2.19

2.66

3.10

2.95



Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

		QC SI	umm	ary Dat	a				
Pima Environmental Services-Carlsbac PO Box 247	d	Project Name: Project Number:	0	Torth Thistle 1 1058-0007	5 CTB 2				Reported:
Plains TX, 79355-0247		Project Manager:	Б	elrae Geller					8/28/2025 9:28:10AM
		Volatile O	rganics	by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534130-BLK1)							Prepared: 0	8/22/25 A	Analyzed: 08/25/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,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: 0	8/22/25 A	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			
-Xylene	4.07	0.0250	5.00		81.4	70-130			
o,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: 0	8/22/25 A	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			
o,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: 0	8/22/25 A	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 Virlamas	122	0.0250	15.0	ND	990	70 120	4.40	26	



13.3

7.95

0.0250

15.0

8.00

ND

88.9

99.4

70-130

70-130

4.49

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Plains TX, 79355-0247		Project Manage	r: De	lrae Geller				8/28	3/2025 9:28:10AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		1	Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2534120-BLK1)							Prepared: 0	8/22/25 Analy	zed: 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: 0	8/22/25 Analy	zed: 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: 0	8/22/25 Analy	zed: 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:	E508248-0	04	Prepared: 0	8/22/25 Analy	zed: 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			

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

Plains TX, 79355-0247		Project Manage	r: De	elrae Geller				8/28	8/2025 9:28:10AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			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
Blank (2534121-BLK1)							Prepared: 0	8/22/25 Analy	zed: 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: 0	8/22/25 Analy	zed: 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:	E508248-2	26	Prepared: 0	8/22/25 Analy	zed: 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:	E508248-2	26	Prepared: 0	8/22/25 Analy	zed: 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			



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

Plains TX, 79355-0247		Project Manage	r: De	elrae Geller				8/23	8/2025 9:28:10AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2534122-BLK1)							Prepared: 0	8/22/25 Analy	/zed: 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: 0	8/22/25 Analy	zed: 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: 0	8/22/25 Analy	zed: 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: 0	8/22/25 Analy	zed: 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			

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

Plains TX, 79355-0247		Project Manage		elrae Geller				8/	28/2025 9:28:10AN
	Non	halogenated	Organics l	by EPA 801	15D - Gl	RO			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
Blank (2534130-BLK1)							Prepared: 0	8/22/25 Ana	alyzed: 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: 0	8/22/25 Ana	lyzed: 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: 0	8/22/25 Ana	lyzed: 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: 0	8/22/25 Ana	lyzed: 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			



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

Plains TX, 79355-0247		Project Manage	r: De	lrae Geller					8/28/2025 9:28:10AN
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: RAS									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534112-BLK1)							Prepared: 0	8/22/25 Ar	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.1		50.0		96.2	61-141			
LCS (2534112-BS1)							Prepared: 0	8/22/25 Ar	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	292	25.0	250		117	66-144			
urrogate: n-Nonane	47.8		50.0		95.6	61-141			
Matrix Spike (2534112-MS1)				Source:	E508248-	03	Prepared: 0	8/22/25 Ar	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	326	25.0	250	53.2	109	56-156			
urrogate: n-Nonane	49.6		50.0		99.1	61-141			
Matrix Spike Dup (2534112-MSD1)				Source:	E508248-0	03	Prepared: 0	8/22/25 Ar	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	313	25.0	250	53.2	104	56-156	4.24	20	
urrogate: n-Nonane	47.9		50.0		95.8	61-141			



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

Plains TX, 79355-0247		Project Manage	r: De	lrae Geller					8/28/2025 9:28:10A
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534113-BLK1)							Prepared: 0	8/22/25 A	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	52.7		50.0		105	61-141			
LCS (2534113-BS1)							Prepared: 0	8/22/25 A	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	295	25.0	250		118	66-144			
urrogate: n-Nonane	48.8		50.0		97.6	61-141			
Matrix Spike (2534113-MS1)				Source:	E508248-2	24	Prepared: 0	8/22/25 A	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	309	25.0	250	ND	124	56-156			
urrogate: n-Nonane	52.0		50.0		104	61-141			
Matrix Spike Dup (2534113-MSD1)				Source:	E508248-2	24	Prepared: 0	8/22/25 A	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	56-156	4.71	20	
'urrogate: n-Nonane	49.3		50.0		98.7	61-141			



Pima Environmental Services-CarlsbadProject Name:North Thistle 15 CTB 2Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller8/28/20259:28:10AM

Plains TX, 79355-0247		Project Manage	r: De	lrae Geller					8/28/2025 9:28:10Al
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534114-BLK1)							Prepared: 0	8/22/25 A	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	53.4		50.0		107	61-141			
LCS (2534114-BS1)							Prepared: 0	8/22/25 A	analyzed: 08/22/25
Diesel Range Organics (C10-C28)	323	25.0	250		129	66-144			
urrogate: n-Nonane	54.1		50.0		108	61-141			
Matrix Spike (2534114-MS1)				Source:	E508248-	45	Prepared: 0	8/22/25 A	analyzed: 08/22/25
Diesel Range Organics (C10-C28)	325	25.0	250	ND	130	56-156			
urrogate: n-Nonane	54.6		50.0		109	61-141			
Matrix Spike Dup (2534114-MSD1)				Source:	E508248-	45	Prepared: 0	8/22/25 A	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	314	25.0	250	ND	126	56-156	3.36	20	
urrogate: n-Nonane	52.8		50.0		106	61-141			



Pima Environmental Services-CarlsbadProject Name:North Thistle 15 CTB 2Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller8/28/20259:28:10AM

Plains TX, 79355-0247		Project Manage	r: De	elrae Geller					8/28/2025 9:28:10AM
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534134-BLK1)							Prepared: 0	8/22/25 A	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	46.5		50.0		93.0	61-141			
LCS (2534134-BS1)							Prepared: 0	8/22/25 A	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	306	25.0	250		122	66-144			
urrogate: n-Nonane	49.7		50.0		99.5	61-141			
Matrix Spike (2534134-MS1)				Source:	E508248-	66	Prepared: 0	8/22/25 A	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	947	25.0	250	988	NR	56-156			M3
urrogate: n-Nonane	51.6		50.0		103	61-141			
Matrix Spike Dup (2534134-MSD1)				Source:	E508248-	66	Prepared: 0	8/22/25 A	nalyzed: 08/22/25
Diesel Range Organics (C10-C28)	1150	25.0	250	988	62.9	56-156	18.9	20	
Gurrogate: n-Nonane	55.3		50.0		111	61-141			

Chloride

QC Summary Data

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

Plains 1X, /9355-024/		Project Manager	r: De	elrae Geller				8/2	8/2025 9:28:10AN	
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	
Blank (2534128-BLK1)							Prepared: 0	8/22/25 Anal	yzed: 08/22/25	
Chloride	ND	20.0								
LCS (2534128-BS1)							Prepared: 0	8/22/25 Anal	yzed: 08/22/25	
Chloride	251	20.0	250		100	90-110				
Matrix Spike (2534128-MS1)				Source: E508248-08 Prepared				8/22/25 Anal	yzed: 08/22/25	
Chloride	391	20.0	250	140	100	80-120				
Matrix Spike Dup (2534128-MSD1)				Source:	E508248-	08	Prepared: 0	8/22/25 Anal	yzed: 08/22/25	

20.0

80-120



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

Flams 1A, 79333-0247		Froject Manage	1. De	ilae Gellei				0/	26/2023 9.26.10AWI
		Anions	by EPA 3	00.0/9056	4				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
Blank (2534129-BLK1)							Prepared: 0	8/22/25 Ana	alyzed: 08/25/25
Chloride	ND	20.0							
LCS (2534129-BS1)							Prepared: 0	8/22/25 Ana	alyzed: 08/25/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2534129-MS1)			8/22/25 Ana	alyzed: 08/25/25					
Chloride	322	20.0	250	103	87.6	80-120			
Matrix Spike Dup (2534129-MSD1)				Source:	E508248-	29	Prepared: 0	8/22/25 Ana	alyzed: 08/25/25
Chloride	335	20.0	250	103	92.7	80-120	3.88	20	



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

Plains TX, 79355-0247		Project Manager	r: De	elrae Geller					8/28/2025 9:28:10AM
		Anions	by EPA 3	00.0/9056A	4				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
Blank (2534135-BLK1)							Prepared: 0	8/22/25 An	nalyzed: 08/22/25
Chloride	ND	20.0							
LCS (2534135-BS1)							Prepared: 0	8/22/25 An	nalyzed: 08/25/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2534135-MS1)				Source:	E508248-	53	Prepared: 0	8/22/25 An	nalyzed: 08/22/25
Chloride	1470	20.0	250	1200	110	80-120			
Matrix Spike Dup (2534135-MSD1)				Source:	E508248-	53	Prepared: 0	8/22/25 An	nalyzed: 08/22/25
Chloride	1450	20.0	250	1200	101	80-120	1.57	20	



Pima Environmental Services-Carlsbac	Project Name:	N	orth Thistle 1	5 CTB 2			Reported:		
PO Box 247		Project Number:	0	1058-0007					
Plains TX, 79355-0247		Project Manager	: D	elrae Geller					8/28/2025 9:28:10AM
		Anions	by EPA	300.0/9056	A				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2535011-BLK1)							Prepared: 0	8/25/25 Aı	nalyzed: 08/25/25
Chloride	ND	20.0							
LCS (2535011-BS1)							Prepared: 0	8/25/25 Aı	nalyzed: 08/25/25
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2535011-MS1)				Source:	E508248-	63	Prepared: 0	8/25/25 Aı	nalyzed: 08/26/25
Chloride	574	20.0	250	387	75.2	80-120			M2
Matrix Spike Dup (2535011-MSD1)				Source:	E508248-	63	Prepared: 0	8/25/25 Aı	nalyzed: 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	
ı	PO Box 247	Project Number:	01058-0007	Reported:
l	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.



ıge .	1	_ of _	8	

Received by OCD: 11/3/2025 12:27:10 PM

	Cli	ent Inforn	nation		Invo	ice Information			Lab Use Only								TAT				State				
Client: Pi	ma Enviror	mental Se	rvices, LL	C	Co	mpany: Devon		L	ab١	WQ#		7	Job I				1D	2D	3D	Std	NM CO UT TX				
Project N	lame: Nort	h Thisle 15	CTB 2	ŀ						<u> 20</u>	14,	<u>\</u>		<u>58</u>	<u>ab</u>				X	x					
Project N	/lanager: De	elRae Gelle	er		City, State, Zip:																				
	5614 Nort				Phone:				I				Ana	lysis	and	Meth	<u>10d</u>					A Progr			
	e, Zip: Hob		240		Email:										ΙI	- 1		ĺ			SDWA	CWA	RCRA		
	<u>806) 724-53</u>				Miscellaneous: P	ROJECT# 1-170-3										- 1									
Email: De	elrae@pima	aoil.com					3	55					- 1					Complian	e Y	or N					
										P4 8(Ά	21	8	0.00	*	캶		_	l		PWSID#				
				Sample In	formation		T =		4	80	8	× 80	y 82	유	ġ	ğ		2	¥		윤윤	0	narks		
Time Sampled	Date Sampled	l Matrix	No. of Containers		Sample ID		Field	Lab Numb	ber	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		Samle Temp		Iarks		
8:00	8/20/15	s		51-3	Surface		1											x			3.0				
8:05		S		sl -1				2										х			2.0				
8:07		s		51-2	2			3										x			2.4				
81.12		S		51-3		···		4										x			3.a		-		
8:15		s		51-4				5										x			3.6				
8:17		s		52-5	where			G										x			3.0				
8:21		s		52 -	1			7										x			ક.[
8:25		s		52	2'			8										x			8.8				
8:27		S		52-	3			9										x			2.0				
8:31		s		L	7			10	<u>)</u>									x			2.0				
Addition	nal Instructi	ions: Bill	ing : 2161	.0512																					
Sampled by		1410m		of this sample. I am	aware that tampering with o							of co	lection	is co	nsidere	d fraud	i and r	nay be	groun	ds for	legal action.				
Relinquish	ed by: (Signat	ure)		8/21/25	Time /: O o	Reflicted by (Signatur	G	onz	al	eş	Date	-21	٠ ر.	5	Time	300	>				Samples re servation n				
Wic	ed by: (Signat	7 ons	les	S-21-25	5 1400	Received by: (Signatu	re) Lan				Date C	-2	1-2	25	Time	40	D				the day the				
Relinquished by: (Signature) Marissa Longales		E-U-25	5 1826	Received by: (Signatu	re)	<i>_</i>			Date	-2	1-2	25	Time 27		26			а	above 0 but less than 6°C on subsequent days.						
Relinquished by: (Signature) Date			Date -7\-	25 1172 (2.50	Received by: (Aggratu	re) _	_			Date	. 0	2. 7		Time	12					Lab	Use Onl				
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Address:	5614 North	Lovingto	n Hwy		Phone:			_					Ana	lysis	and	Meth	od				A Progr	-
	e, Zip: Hobb		3240		Email:															SDWA	CWA	RCRA
	306) 724-539				Miscellaneous:	PROJECT# 1-170-3			98								- 1			0	1 0	L
Email: De	lrae@pimac	oil.com							m.	3015	015			Į.			4.			Complian PWSID #	ce Y	or N
				Sample Infor	mation			-	-	by 8	by 8	021	097	0.008	¥	etals		Σ				
Time	P. Carlo	CAR	No. of	Sample infor			p p	Lab		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	by 8	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	XT - 20	Samle Temp	Rei	marks
Sampled	Date Sampled	Matrix	Containers	,	Sample ID		Field	Numb	er	DRO,	GRO	BTEX	VOC by 8260	Chlo	TCEQ	RCR/		BGDC	BGDOC.	Sa		1146.66
12:38	8/10/25	S		Sw5-	Sur Lane			61										x		3.6		
123 49		S		5W5-	1			60	2									x		4.0		
12 48		S		5w5-	2			63	3									x		4.0		
12 52		S		545- 545-	3-			64										x		3.0		
12:55		S		545-				4	5									x		2.4		
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1:05		s		Sw6- 1				67	1									х		2.8		
1-04		S		SW6- 2				(08	3									x		31		
1212		Š		SU6-3				Le	9									x	I	37		
1:15		S		SW6- 4				70)		H							x		3.4		
Addition	al Instructio	ns: Bill	ing : 2161	0512																		
l, (field sam Sampled by	40	yalidity an		y of this sample. I am aw	are that tampering with	or intentionally mislabelin	g the sar	nple loca	ation,	date o	or time	of co	llection	is cor	nsidere	d fraud	and m	ay be	grounds fo	r legal action.		
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Sample Ma	rix: S - Soil, Sd - S	olid, Sg - Slo	udge, A - Aque	eous, 0 - Other			Con	tainer 1	Туре	: g -	glass,	p - p	ooly/p	lastic	c, ag	ambe	r glas	ss, 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.

Received by OCD: 11/3/2025 12:27:10 PM

Chain of Custody

Page <u></u> of <u>C</u>	
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Received by OCD: 11/3/2025 12:27:10 PM

	Clie	nt Inform	nation		Invo	ice Information				La	b Us	e On	ly				T/	AT .		16.7°	Stat	e .
Client: Pi	ma Environr	nental Se	ervices, LL	С	Cor	mpany: Devon		Lab	WQ#			Job I				1D	2D	3D :	Std	NM	CO UT	TX
Project N	ma Environr lame: North	Thisle 15	CTB 2		Address:			. E	80	241	6	UID	<u>58</u> .	<u>ac</u>	\sum				X	х		
Project N	/lanager: Del	Rae Gelle	er		City, State, Zip:		_															
Address:	5614 North	Lovingto	n Hwy		Phone:			.				Ana	lysis	and	Meth	rod					A Progra	
City, Stat	e, Zip: Hobb	s, NM 88	240		Email:			╛				ŀ								SDWA	CWA	RCRA
	<u>806) 724-539</u>				Miscellaneous: Pl	ROJECT# 1-170-3		1						1								
Email: De	elrae@pimae	oil.com						┙	5	5										Complian	e Y	or N
									86	8	12	8	0.0	¥	tals		_			PWSID#		
				Sample Info	rmation		T =1		ě	8	8	782	Je 3(ģ	ž		Ž	ř		늘 은		1
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID			Lab ımber	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	MGDOC-TX		Samle Temp		narks
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1:27		s		Sw7-			7:										х			20		
1: 33		s		Sw7-	3 -		70	<u> </u>									x			8.4		
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		s															x			24		
		s															x		-	8-1-		
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i i	ed by: (Signatu	7		8/U/25	Time /;0%	Received by: (Signatu Michelle Received by: (Signatu	Gon	zal	eş	Date	٧ŀ	کړ	•	Time	30	Ø				Samples re servation n		
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Sample Ma	trix: S - Soil, Sd - S	solid, Sg - Slu	idge, A - Aqui	eous, O - Other		<u> </u>	Contain	er Typ	e: g -	glass.	p - r	oly/p	lasti	J c, ag -	ambe	er gla	iss, v	- VOA	_			
Note: Sam	ples are discar	ded 14 days	s after resul	ts are reported unless	other arrangements ar	e made. Hazardous sar	nples will b	e retu	rned to	o client	t or d	ispose	d of a	t the						r the analys	is of the a	bove
samples is	applicable only	y to those s	amples reco	eived by the laborator	y with this COC. The lia	bility of the laboratory	is limited t	o the a	mount	t paid f	for on	the r	eport									

envirotech Inc.

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

Envirotech Analytical Laboratory

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	Logge	d In By:	Caitlin Mars
Email:	. ,	Due Date:		:00 (4 day TAT)		Ĭ	
Chain of	Custody (COC)						
1. Does t	he sample ID match the COC?		Yes				
2. Does t	he number of samples per sampling site location m	atch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>ourier</u>		
4. Was th	e COC complete, i.e., signatures, dates/times, requ	ested analyses?	No				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disues:		Yes		<u>.</u>	Comment	s/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>			Γ			
	e COC indicate standard TAT, or Expedited TAT?		Yes		No of containers	s not pro	ovided on COC.
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e 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				
	ne sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes				
	COC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded in	comments.			
	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct container	·s?	Yes				
	appropriate volume/weight or number of sample conta		Yes				
Field La	· · · · · · · · · · · · · · · · · · ·	mers conceica.	105				
	field sample labels filled out with the minimum in	formation:					
	ample ID?		Yes				
	Pate/Time Collected?		Yes	L			
	Collectors name?		No				
	Preservation	10					
	the COC or field labels indicate the samples were	preserved?	No				
	ample(s) correctly preserved?	- ata1a9	NA				
	filtration required and/or requested for dissolved n	netais:	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multiph		No				
27. If yes	, does the COC specify which phase(s) is to be ana	lyzed?	NA				
	ract Laboratory						
	amples required to get sent to a subcontract laborat	•	No				
29. Was a	a subcontract laboratory specified by the client and	if so who?	NA S	ubcontract Lab	: NA		
Client I	<u>nstruction</u>						

Date

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

Report to:

Delrae Geller





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

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whinchman@envirotech-inc.com

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Laboratory Administrator Office: 505-632-1881

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Client Representative

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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'	2	20
SW5-3'		21
SW5-4'	2	22
SW6-Sur	2	23
SW6-1'	2	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
Q	C 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
D	efinitions and Notes	41
CI	nain of Custody etc.	42

Sample Summary

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

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.



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	10/17/2025 9:45:25AM

S4-5' E510124-01

		E510124-01				
Austra	Result	Reporting Limit	Dilution	D 1	A l	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
o,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.3 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		95.5 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	

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	10/17/2025 9:45:25AM

S5-5'

E510124-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		92.3 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW3-Sur E510124-03

	L310124 05				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: BA		Batch: 2542019
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0500	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
	91.9 %	70-130	10/13/25	10/15/25	
mg/kg	mg/kg	Analy	yst: BA		Batch: 2542019
ND	20.0	1	10/13/25	10/15/25	
	87.8 %	70-130	10/13/25	10/15/25	
mg/kg	mg/kg	Analy	yst: KH		Batch: 2542007
ND	25.0	1	10/13/25	10/14/25	
ND	50.0	1	10/13/25	10/14/25	
	91.5 %	61-141	10/13/25	10/14/25	
mg/kg	mg/kg	Analy	yst: TP		Batch: 2542043
ND	20.0	1	10/14/25	10/14/25	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 87.8 % mg/kg MD 20.0 87.8 % mg/kg ND 25.0 ND 50.0 91.5 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 91.9 % 70-130 mg/kg mg/kg Analy ND 20.0 1 87.8 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 91.5 % 61-141 61-141 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0500 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 mg/kg Malayst: BA ND 20.0 1 10/13/25 mg/kg Analyst: BA ND 20.0 1 10/13/25 mg/kg Mg/kg Analyst: KH ND 25.0 1 10/13/25 ND 50.0 1 10/13/25 ND 50.0 1 10/13/25 mg/kg Mg/kg Analyst: KH	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0500 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: BA ND 20.0 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: BA ND 20.0 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: KH ND 25.0 1 10/13/25 10/14/25 ND 50.0 1 10/13/25 10/14/25 ND 50.0 1 10/13/25 10/14/25



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	10/17/2025 9:45:25AM

SW3-1' E510124-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		92.8 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW3-2'

E510124-05

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.2 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		92.6 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW3-3' E510124-06

		E310124-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				•		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		93.2 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW3-4'

E510124-07						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		92.2 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW4-Sur E510124-08

	E31012+ 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: BA		Batch: 2542019
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0500	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
	93.6 %	70-130	10/13/25	10/15/25	
mg/kg	mg/kg	Analy	yst: BA		Batch: 2542019
ND	20.0	1	10/13/25	10/15/25	
	89.3 %	70-130	10/13/25	10/15/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2542007
ND	25.0	1	10/13/25	10/14/25	
ND	50.0	1	10/13/25	10/14/25	
	92.7 %	61-141	10/13/25	10/14/25	
mg/kg	mg/kg	Anal	yst: TP		Batch: 2542043
ND	20.0	1	10/14/25	10/14/25	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 89.3 % mg/kg ND 25.0 ND 50.0 92.7 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Anal ND 20.0 1 89.3 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 92.7 % 61-141 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0500 1 10/13/25 ND 0.0250 1 10/13/25 mg/kg mg/kg Analyst: BA ND 20.0 1 10/13/25 mg/kg mg/kg Analyst: KH ND 25.0 1 10/13/25 ND 50.0 1 10/13/25 ND 50.0 1 10/13/25 ND 50.0 1 10/13/25 Mg/kg Mg/kg Analyst: KH	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0500 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: BA ND 20.0 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: BA ND 20.0 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: KH ND 25.0 1 10/13/25 10/14/25 ND 50.0 1 10/13/25 10/14/25 ND 50.0 1 10/13/25 10/14/25 mg/kg mg/kg



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	10/17/2025 9:45:25AM

SW4-1' E510124-09

		E310124-09				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: 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	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.0 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: 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	
Surrogate: n-Nonane		92.9 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW4-2'

E510124-10						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
o,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.7 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		92.0 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW4-3'

E510124-11						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		92.8 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW4-4'

E510124-12						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
o,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.6 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		92.5 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW5-Sur E510124-13

	L310124 15				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2542019
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0500	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
	93.4 %	70-130	10/13/25	10/15/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2542019
ND	20.0	1	10/13/25	10/15/25	
	89.1 %	70-130	10/13/25	10/15/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2542007
ND	25.0	1	10/13/25	10/14/25	
ND	50.0	1	10/13/25	10/14/25	
	96.6 %	61-141	10/13/25	10/14/25	
mg/kg	mg/kg	Anal	yst: TP		Batch: 2542043
ND	20.0	1	10/14/25	10/14/25	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0250 89.1 % mg/kg MD 25.0 ND 50.0 96.6 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 89.1 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 96.6 % 61-141 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Manalyst: BA ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0500 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 mg/kg Manalyst: BA ND 20.0 1 10/13/25 mg/kg Manalyst: KH ND 25.0 1 10/13/25 ND 50.0 1 10/13/25 ND 50.0 1 10/13/25 ND 50.0 1 10/13/25 ND 50.0 1 10/13/25 mg/kg Mallyst: KH 10/13/25	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0500 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: BA ND 20.0 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: BA ND 20.0 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: KH ND 25.0 1 10/13/25 10/14/25 ND 50.0 1 10/13/25 10/14/25 ND 50.0 1 10/13/25 10/14/25



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	10/17/2025 9:45:25AM

SW5-1' E510124-14

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		94.7 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW5-2'

E510124-15

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.2 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		93.2 %	61-141	10/13/25	10/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW5-3'

E510124-16							
		Reporting					
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	10/13/25	10/15/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	10/13/25	10/15/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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		
Surrogate: n-Nonane		93.4 %	61-141	10/13/25	10/14/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25		



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	10/17/2025 9:45:25AM

SW5-4'

E510124-17							
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	10/13/25	10/15/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2542019	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.2 %	70-130	10/13/25	10/15/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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		
Surrogate: n-Nonane		95.9 %	61-141	10/13/25	10/14/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: TP		Batch: 2542043	
Chloride	ND	20.0	1	10/14/25	10/14/25		



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	10/17/2025 9:45:25AM

SW6-Sur E510124-18

	L310124 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2542019
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
ND	0.0500	1	10/13/25	10/15/25	
ND	0.0250	1	10/13/25	10/15/25	
	92.5 %	70-130	10/13/25	10/15/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2542019
ND	20.0	1	10/13/25	10/15/25	
	87.9 %	70-130	10/13/25	10/15/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2542007
ND	25.0	1	10/13/25	10/14/25	
ND	50.0	1	10/13/25	10/14/25	
	99.0 %	61-141	10/13/25	10/14/25	
mg/kg	mg/kg	Anal	yst: TP		Batch: 2542043
ND	20.0	1	10/14/25	10/14/25	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 87.9 % mg/kg MD 20.0 87.9 % mg/kg ND 25.0 ND 50.0 99.0 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 92.5 % 70-130 mg/kg mg/kg Anal ND 20.0 1 87.9 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 99.0 % 61-141 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0500 1 10/13/25 ND 0.0250 1 10/13/25 ND 0.0250 1 10/13/25 mg/kg Malayst: BA ND 20.0 1 10/13/25 mg/kg Analyst: BA ND 20.0 1 10/13/25 mg/kg Mg/kg Analyst: KH ND 25.0 1 10/13/25 ND 50.0 1 10/13/25 ND 50.0 1 10/13/25 mg/kg Mg/kg Analyst: KH	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0500 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 ND 0.0250 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: BA ND 20.0 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: BA ND 20.0 1 10/13/25 10/15/25 mg/kg mg/kg Analyst: KH ND 25.0 1 10/13/25 10/14/25 ND 50.0 1 10/13/25 10/14/25 ND 50.0 1 10/13/25 10/14/25



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	10/17/2025 9:45:25AM

SW6-1' E510124-19

		E510124-19				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	rrepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		99.4 %	61-141	10/13/25	10/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	·



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	10/17/2025 9:45:25AM

SW6-2'

		E510124-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
o,m-Xylene	ND	0.0500	1	10/13/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/15/25	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2542019
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	10/13/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		100 %	61-141	10/13/25	10/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2542043
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW6-3' E510124-21

		E310124-21					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: S	L		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	l	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	1	Analyst: S	L		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	1	Analyst: N	IV		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	<u>. </u>	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: D	Т		Batch: 2542042
Chloride	ND	20.0	1	l	10/14/25	10/14/25	
SHOTUC	110	20.0	•				



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	10/17/2025 9:45:25AM

SW6-4' E510124-22

		E310124-22				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
· ·	mg/kg	mg/kg		analyst: SL	1 11111, 200	Batch: 2542021
Volatile Organic Compounds by EPA 8260B			1	10/13/25	10/14/25	Batch: 2342021
Benzene	ND	0.0250	1			
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	A	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	A	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	A	analyst: DT		Batch: 2542042
Chloride	ND	20.0	1	10/14/25	10/14/25	



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	10/17/2025 9:45:25AM

SW7-Sur E510124-23

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: SI			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	А	Analyst: SI			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	А	Analyst: N	V		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	Α	Analyst: D	Γ		Batch: 2542042
Chloride	ND	20.0	1		10/14/25	10/14/25	·



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	10/17/2025 9:45:25AM

SW7-1' E510124-24

Analyte	Result	Reporting Limit	D:	lution	Prepared	Analyzed	Notes
Analyte	Kesuit	Liiiit	Di	iution	Frepared	Allalyzeu	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	
p-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	Project Name:	North Thistle 15 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/17/2025 9:45:25AM

SW7-2' E510124-25

		1310124-23					
Anglyto	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dill	ution	Frepared	Anaryzeu	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	Project Name:	North Thistle 15 CTB 2	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/17/2025 9:45:25AM

SW7-3' E510124-26

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2542021
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250		1	10/13/25	10/14/25	Batch: 25-2021
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-CarlsbadProject Name:North Thistle 15 CTB 2PO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Delrae Geller10/17/20259:45:25AM

SW7-4' E510124-27

		ECTOIZ: 27				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: DT		Batch: 2542042
Chloride	ND	20.0	1	10/14/25	10/14/25	



North Thistle 15 CTB 2 Pima Environmental Services-Carlsbad Project Name: Reported: 01058-0007 PO Box 247 Project Number: Plains TX, 79355-0247 Project Manager: Delrae Geller 10/17/2025 9:45:25AM Volatile Organic Compounds by EPA 8260B Analyst: SL Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2542021-BLK1) Prepared: 10/13/25 Analyzed: 10/14/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 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 0.481 0.500 96.1 70-130 Surrogate: Toluene-d8 LCS (2542021-BS1) Prepared: 10/13/25 Analyzed: 10/14/25 Benzene 2.40 0.0250 2.50 96.2 70-130

Matrix Spike (2542021-MS1)				Source: E510124-24	ļ	Prepared: 10/13/25 Analyzed: 10/14/25
Surrogate: Toluene-d8	0.479		0.500	95.7	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.455		0.500	90.9	70-130	
Surrogate: Bromofluorobenzene	0.535		0.500	107	70-130	
Total Xylenes	7.96	0.0250	7.50	106	70-130	
p,m-Xylene	5.35	0.0500	5.00	107	70-130	
o-Xylene	2.61	0.0250	2.50	104	70-130	
Toluene	2.43	0.0250	2.50	97.3	70-130	
Einyibenzene	2.30	0.0230	2.30	102	/0-130	

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 Si	umm	ary Data	a				
Pima Environmental Services-Carlsba	d	Project Name:	N	North Thistle 15	5 CTB 2				Reported:
PO Box 247		Project Number:	0	1058-0007					
Plains TX, 79355-0247		Project Manager:	Ι	Delrae Geller					10/17/2025 9:45:25AM
		Volatile O	rganics	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2542019-BLK1)							Prepared: 1	0/13/25 A	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: 1	0/13/25 A	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:	E510124-0	07	Prepared: 1	0/13/25 A	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:	E510124-0	07	Prepared: 1	0/13/25 A	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 Virlamas	15.0	0.0250	15.0	ND	9 00	70 120	2 12	26	



15.0

7.54

0.0250

15.0

8.00

ND

99.8

94.2

70-130

70-130

3.12

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Plains TX, 79355-0247		Project Manage	r: De	elrae Geller				10/	17/2025 9:45:25A
	Noi	nhalogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2542019-BLK1)							Prepared: 1	0/13/25 Ana	lyzed: 10/15/25
Gasoline Range Organics (C6-C10)	ND	20.0					Tropulou.		19200. 10/10/20
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.95		8.00		86.9	70-130			
LCS (2542019-BS2)							Prepared: 1	0/13/25 Ana	lyzed: 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: 1	0/13/25 Ana	lyzed: 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: 1	0/13/25 Ana	lyzed: 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			

Analyst: SL

QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO	

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

•	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2542021-BLK1)							Prepared: 1	0/13/25 An	alyzed: 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: 1	0/13/25 An	alyzed: 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:	E510124-2	24	Prepared: 1	0/13/25 An	alyzed: 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:	E510124-2	24	Prepared: 1	0/13/25 An	alyzed: 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			
,	0.772								

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

Plains TX, 79355-0247		Project Manager	r: De	lrae Geller					10/17/2025 9:45:25A
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2542007-BLK1)							Prepared: 1	0/13/25 A	nalyzed: 10/14/25
tiesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.6		50.0		97.2	61-141			
CS (2542007-BS1)							Prepared: 1	0/13/25 A	nalyzed: 10/14/25
riesel Range Organics (C10-C28)	235	25.0	250		94.2	66-144			
urrogate: n-Nonane	46.9		50.0		93.8	61-141			
Matrix Spike (2542007-MS1)				Source:	E510124-	17	Prepared: 1	0/13/25 A	nalyzed: 10/14/25
riesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156			
urrogate: n-Nonane	51.0		50.0		102	61-141			
Matrix Spike Dup (2542007-MSD1)				Source:	E510124-	17	Prepared: 1	0/13/25 A	nalyzed: 10/14/25
tiesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	56-156	2.27	20	
urrogate: n-Nonane	50.4		50.0		101	61-141			

Pima Environmental Services-CarlsbadProject Name:North Thistle 15 CTB 2Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller10/17/20259:45:25AM

Plains TX, 79355-0247		Project Manage	r: De	elrae Geller					10/17/2025 9:45:25A
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2542008-BLK1)							Prepared: 1	0/13/25 A	nalyzed: 10/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.3		50.0		96.7	61-141			
LCS (2542008-BS1)							Prepared: 1	0/13/25 A	nalyzed: 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: 1	0/13/25 A	nalyzed: 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	0/13/25 A	nalyzed: 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			



Chloride

Chloride

Matrix Spike Dup (2542042-MSD1)

QC Summary Data

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

Plains 1X, /9355-024/		Project Manage	r: De	elrae Geller				10	/1//2025 9:45:25AM
		Anions	s by EPA 3	00.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2542042-BLK1)							Proporad: 1	0/14/25 And	alyzed: 10/14/25
							riepaieu. i	0/14/23 Alla	11yzed. 10/14/23
Chloride	ND	20.0							
LCS (2542042-BS1)							Prepared: 1	0/14/25 Ana	alyzed: 10/14/25
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2542042-MS1)				Source:	E510121-	05	Prepared: 1	0/14/25 Ana	alyzed: 10/14/25

250

250

40.0

40.0

5190

5190

102

210

Source: E510121-05

80-120

80-120

4.85

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

20

5450

5720

Chloride

QC Summary Data

Pima Environmental Services-Carlsbad		Project Name:	N	orth Thistle 15	5 CTB 2				Reported:
PO Box 247		Project Number:	0	1058-0007					•
Plains TX, 79355-0247		Project Manager:	: Е	elrae Geller					10/17/2025 9:45:25AM
		Anions	by EPA	300.0/9056	A				Analyst: TP
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
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:	E510124-0	04	Prepared:	10/14/25	Analyzed: 10/14/25
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2542043-MSD1)				Source:	E510124-0	04	Prepared:	10/14/25	Analyzed: 10/14/25

250

20.0

102

80-120

0.143

256

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

ſ	Pima Environmental Services-Carlsbad	Project Name:	North Thistle 15 CTB 2	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	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.



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8:44A				Si	203	-Sur			3											4.1		
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9:01AH				5L	<i>~</i> 3	-2'			5											38		
9:10AH		$\overline{}$	ï			-3'			6											4.2		
q: KIAM				SL	<i>ω</i> 3	-4'			7											4.4		
9: KAM				S	24	- Sur -1'			3								{\}			4.6		
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Printed: 10/13/2025 2:27:44PM

Envirotech Analytical Laboratory

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 0	07:00		Work Order ID:	E510124
Phone:	(806) 724-5391	Date Logged In:	10/10/25 1	5:50		Logged In By:	Caitlin Mars
Email:	delrae@pimaoil.com	Due Date:	10/17/25 1	7:00 (4 day TAT)			
	Custody (COC)						
	ne sample ID match the COC?	tab tha COC	Yes				
	ne number of samples per sampling site location ma	ten the COC	Yes				
	amples dropped off by client or carrier?	. 1 1 0	Yes	Carrier:	<u>Courier</u>		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	No				
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
	Aurn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		No. of co	ntainers not pr	ovided on COC.
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e 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	e sample received on ice?		Yes				
	Note: Thermal preservation is not required, if samples ar 15 minutes of sampling OC for individual sample temps. Samples outside o			n aommants			
		10 C-0 C WIII DC	recorded i	ii comments.			
Sample C	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	•		NA NA				
	trip blank (TB) included for VOC analyses?	ก					
	on-VOC samples collected in the correct containers appropriate volume/weight or number of sample contain		Yes Yes				
	· · · · · · · · · · · · · · · · · · ·	ners conecteur	168				
Field Lab	ner field sample labels filled out with the minimum info	rmation:					
	ample ID?	mation.	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		No				
Sample P	reservation_						
21. Does t	the COC or field labels indicate the samples were pr	reserved?	No				
	imple(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved me	etals?	No				
Multipha	se Sample Matrix						
26. Does t	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
	imples required to get sent to a subcontract laborato	ry?	No				
	subcontract laboratory specified by the client and it	•		Subcontract La	b: NA		
	struction						
CHERT III	isti uction						

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

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 522416

QUESTIONS

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

QUESTIONS

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

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NORTH THISTLE 15 CTB 2
Date Release Discovered	06/03/2025
Surface Owner	State

Incident Details		
Please answer all the questions in this group.		
Incident Type	Produced Water Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Equipment Failure Dump Line Produced Water Released: 62 BBL Recovered: 20 BBL Lost: 42 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Dump developed a pinhole leak. This allowed approximately 62 bbls produced water to be released to pad surface. 20 bbls recovered.	

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 522416

QUESTI	ONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 522416 Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
QUESTIONS	
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.	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 s	afety 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.
	I I attion immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/03/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 522416

QUESTIONS (continued)

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

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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 ar	nd 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		
Please answer all the question	s that apply or are indicated. This information must be provided to	o the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	on plan approval with this submission	Yes
Attach a comprehensive report	demonstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vert	tical extents of contamination been fully delineated	Yes
Was this release entirely	y contained within a lined containment area	No
Soil Contamination Sampl	ing: (Provide the highest observable value for each, in m	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI 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
	11 NMAC unless the site characterization report includes complete timelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAG
On what estimated date	will the remediation commence	12/03/2025
On what date will (or did	l) the final sampling or liner inspection occur	12/05/2025
On what date will (or wa	s) the remediation complete(d)	12/03/2025
What is the estimated su	urface area (in square feet) that will be reclaimed	1250
What is the estimated vo	plume (in cubic yards) that will be reclaimed	72
What is the estimated su	urface area (in square feet) that will be remediated	1250
What is the estimated vo	olume (in cubic yards) that will be remediated	72
These estimated dates and me	asurements are recognized to be the best guess or calculation at the	he time of submission and may (be) change(d) over time as more remediation efforts are completed.

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 4

Action 522416

QUESTIONS (continued)

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

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and 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	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	
D 0 1 " D (40 45 00 44 NAAO 1 " " 1 1 1 1 " " 1 1 1 1 1 1 1 1 1 1	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Name: James Raley Title: EHS Professional I hereby agree and sign off to the above statement Email: jim.raley@dvn.com Date: 11/03/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 5

Action 522416

QUESTIONS (continued)

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

QUESTIONS

Deferral Requests Only		
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.		
Requesting a deferral of the remediation closure due date with the approval of this submission	No	

Requesting a remediation closure approval with this submission

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

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QUESTIONS, Page 6

Action 522416

QUESTIONS (continued)

Last sampling notification (C-141N) recorded {Unavailable.}			
Last compling notification (C 1/1N) recorded			
Sampling Event Information			
QUESTIONS			
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)		
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 522416		
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137		

No

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

CONDITIONS

Action 522416

CONDITIONS

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

CONDITIONS

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