

5614 N Lovington Hwy
Hobbs, NM 88240
575-964-7740



October 29, 2025

NMOCD District 2
811 S. First Street
Artesia, NM 88210

Re: Remediation Work Plan
Cotton Draw Unit 12 CTB 12
Facility ID: fAPP2223533376
GPS: Latitude 32.140656 Longitude -103.731437
UL -- N, 12, T25S, R31E
Eddy County, NM
NMOCD Ref. No. NAPP2232225056

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to write this Remediation Work Plan for a produced water release that occurred at the Cotton Draw Unit 12 CTB 12 (CDU). The initial C-141 was submitted on December 1, 2022 (Appendix C). This incident was assigned Incident ID NAPP2232225056 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The CDU is located approximately twenty-one (21) miles east of Malaga, NM. This spill site is in Unit N Section 12, Township 25S, Range 31E, Latitude 32.140656 Longitude -103.731437, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Berino complex, 0 to 3 percent slopes eroded 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 CDU (Figure 3). Reference Figure 2 for a Topographic Map.

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 55 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 390 feet BGS. The depth to groundwater information from C 04792 POD1 which is located approximately 0.06 of a mile southeast of this release was drilled and recorded by Vision Resources, Inc. on February 06, 2024. The well bore was left open for the required 72-hour timeframe then checked for saturation. No saturation or water-bearing soil was encountered, the well was then plugged on February 10, 2024. Depth to groundwater at the CDU will be classified as 51-100' BGS. The closest waterway is Red Bluff Reservoir located approximately 16.61 miles to the southwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Release Information

NAPP2232225056: On November 17, 2022, a leak developed on a trunk line releasing fluids. The released fluids were calculated to be approximately 11 barrels (bbls) of produced water. No fluids were able to be recovered.



Site Assessment, and Soil Sampling Results

On January 18, 2022, Pima mobilized personnel to the site to begin collecting soil samples from spill area. Four (4) bottom samples were collected from depth intervals of 1', 2', and 3' below ground surface (BGS) from sample points labeled S-1 through S-4. Four (4) sidewall samples were collected at a depth of 1' below ground surface labeled SW-1 through SW-4. Two (2) sample points were collected from the pasture at a depth of 6" below ground surface (BGS) to serve as background samples. All samples were put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratories in Farmington, New Mexico for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4. Complete Laboratory Reports can be found in Appendix E.

1-18-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY - COTTON DRAW UNIT 12 CTB 12								
Sample Date: 1/18/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
BG 1	6"	ND	ND	ND	ND	ND	0	ND
BG 2	6"	ND	ND	ND	ND	ND	0	ND
SW-1	1'	ND	ND	ND	ND	ND	0	ND
SW-2	1'	ND	ND	ND	ND	ND	0	ND
SW-3	1'	ND	ND	ND	ND	ND	0	ND
SW-4	1'	ND	ND	ND	ND	ND	0	ND
S-1	1'	ND	ND	ND	ND	ND	0	53.8
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	227
	2'	ND	ND	ND	ND	ND	0	72.8
	3'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	29.5
	3'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND

ND/0- Analyte Not Detected

Remediation Activities

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, Devon Construction Department mobilized personnel and equipment to conduct a scrape to remove surface staining. No further remediation activities are required. The contaminated surface soil was hauled to an approved, lined disposal facility.



Based on the soil sample results, a remediation closure report was submitted to the NMOCD on August 24, 2023, under Application ID: 205071 but was rejected by the NMOCD for the following reasons:

Countermeasures due to Rejection

On August 24, 2023, the NMOCD denied the remediation closure report citing:

"The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NAPP2232225056.

- **The Closure Report is denied. Please collect confirmation samples, representing no more than 200 ft². The closure report includes an inadequate number of floor samples. All sidewall samples should be taken from the sidewall of the excavation.**

The rejected C-141 can be found in the OCD Online: Permitting-Action Status, under Application ID: 205071. Please review and make the required correction(s) prior to resubmitting. "If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141."

In response to the rejected closure report, Devon Energy submitted a 48-Hour Sampling Notification in preparation to conduct the confirmation sampling event on January 17, 2025. For additional details, the 48-Hour Sampling Notification can be found in Appendix C.

On January 17, 2025, a Pima field technician conducted the confirmation sampling event at the CDU. A total of twenty-eight (28) bottom composite samples were collected from the base of the excavation labeled CS1- CS28. A total of seven (7) composite sidewall samples were collected from the excavated area labeled CSW1-CSW7. Each soil sample was collected with a hand auger from surface, 1', 2', 3' and 4' and then combined into a 5-point composite sample collected from the excavated area. The collected samples not exceeding a 200 square foot area from the base and walls of the excavated areas. A total of thirty-five (35) samples were collected for laboratory analysis for total chloride using EPA Method 200.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021B; motor, diesel, and gasoline range organics (MRO, DRO, & GRO) by EPA Method 8015D. All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Envirotech Analytical Laboratories, in Farmington, New Mexico. The results of this confirmation sampling event can be found in the following data table. Complete Laboratory Reports can be found in Appendix E. A Confirmation Sample Map can be referenced in Figure 5.

1-17-2025 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit 12 CTB 12								
Date: 1-17-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTE X mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS2	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS3	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS4	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS5	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS6	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS7	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS8	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS9	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS10	0-4' Comp	ND	ND	ND	ND	ND	0	ND



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <51-100')								
DEVON ENERGY Cotton Draw Unit 12 CTB 12								
Date: 1-17-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTE X mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS11	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS12	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS13	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS14	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS15	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS16	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS17	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS18	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS19	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS20	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS21	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS22	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS23	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS24	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS25	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS26	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS27	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CS28	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW1	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW2	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW3	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW4	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW5	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW6	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW7	0-4' Comp	ND	ND	ND	ND	ND	0	ND

ND/0- Analyte Not Detected

On May 8, 2025 the NMOCD denied the remediation closure report citing:

"The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NAPP2232225056.

- The Remediation Closure Report is Denied. The question on the Initial C-141 (App ID: 432128) was checked "No" on the part of the form that asks, "Is the concentration of chloride in the produced water >10,000 mg/l?". The OCD Spill Rule says, "if the responsible party contends the fluid is less than 10,000 mg/l, the responsible party must provide current sample results to the division". In this case, we would need to have a physical water sample from the source of the leak (poly flange or fluid from the poly line) analyzed. Please include the results in the updated Remediation Closure Report at resubmission.



The rejected C-141 can be found in the OCD Online: Permitting-Action Status, under Application ID: 438572. Please review and make the required correction(s) prior to resubmitting. "If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141."

In response to the rejected closure report, Pima returned to the CDU to collect the requested water sample from the source of the leak. The result of this sampling event can be found in the following data table. A complete Laboratory Report can be found in Appendix E. Devon does not contest that the concentration of chloride in the produced water is >10,000 mg/l. The question on the Initial C-141 (App ID: 432128) should have been checked "Yes" instead of "No", this was an inadvertent error.

7-1-2025 Water Sample Result

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <51-100')								
DEVON ENERGY Cotton Draw Unit 12 CTB 12								
7-1-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/L
PW1								134,000

A Remediation Closure Report was submitted to the NMOCD on July 28, 2025, under Application ID: 489258 but was rejected by the NMOCD for the following reasons:

Countermeasures due to Rejection

On August 7, 2025, the NMOCD denied the remediation closure report citing:

"The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NAPP2232225056.

- **The Remediation Closure Report is Denied. Looking at the photos, it appears no excavation took place at this site. Please explain how the samples showed essentially no contaminants in the lab analysis soil samples for chlorides, while the source water samples from the COTTON DRAW UNIT 12 CTB 12 was 134,000 mg/L.**

After further investigation, it was discovered that the spill area that was previously sampled in the rejected Remediation Closure Report was not the correct location where the release occurred. Due to the spill occurring on the right of way, it is considered to be located in the pasture area. Closure criteria for this release area will be according to the <50' section of Table 1 19.15.29 NMAC. The regulatory limits for release on pad area are as follows. Chlorides should be less than 600mg/kg, TPH (GRO+DRO+MRO) should be less than 100 mg/kg, BTEX should be less than 50 mg/kg, and Benzene should be less than 10 mg/kg.

Pima returned to the CDU to collect delineation/exploration samples from the correct release area. Thirteen (13) vertical samples labeled S1-S13 were collected as from depths of surface, 1', 2', 3', and 4' bgs. A total of nine (9) horizontal samples labeled SW1-SW9 were collected from depths of surface, 1', 2', 3', and 4'. One background sample labeled BG1 was collected west of the release. A total of 111 samples were collected, put on ice, jarred, and delivered to Envirotech Laboratories for official testing of all constituents listed in Table 1 of 19.15.29.12 NMAC. Additional delineation samples were collected from sample points S1, S3, S5, S7, S8, S10, and S12 in order to achieve full delineation. A total of 13 samples were collected, put on ice, jarred, and delivered to Envirotech Laboratories for official testing of all constituents listed in Table 1 of 19.15.29.12 NMAC. The results of these sampling events can be found in the following data tables. A New Site Map can be found in Figure 5. A complete Laboratory Report is referenced in Appendix E.



9-2-2025 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw 12 CTB 12								
Date: 9-2-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S1	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	95.3
	3'	ND	ND	ND	ND	ND	ND	479
	4'	ND	ND	ND	ND	ND	ND	1910
S2	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
S3	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	20.6
	3'	ND	ND	ND	ND	ND	ND	357
	4'	ND	ND	ND	ND	ND	ND	806
S4	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	24.1
	3'	ND	ND	ND	ND	ND	ND	27.2
	4'	ND	ND	ND	ND	ND	ND	27.2
S5	Surface	ND	ND	ND	ND	ND	ND	228
	1'	ND	ND	ND	ND	ND	ND	362
	2'	ND	ND	ND	ND	ND	ND	323
	3'	ND	ND	ND	ND	ND	ND	1460
	4'	ND	ND	ND	ND	ND	ND	802
S6	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
S7	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	29.8
	2'	ND	ND	ND	ND	ND	ND	275
	3'	ND	ND	ND	ND	ND	ND	544
	4'	ND	ND	ND	ND	ND	ND	1090

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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw 12 CTB 12								
Date: 9-2-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S8	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	173
	2'	ND	ND	ND	ND	ND	ND	513
	3'	ND	ND	ND	ND	ND	ND	1040
	4'	ND	ND	ND	ND	ND	ND	900
S9	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
S10	Surface	ND	ND	ND	ND	ND	ND	8670
	1'	ND	ND	ND	ND	ND	ND	5370
	2'	ND	ND	ND	ND	ND	ND	464
	3'	ND	ND	ND	ND	ND	ND	765
	4'	ND	ND	ND	ND	ND	ND	1130
S11	Surface	ND	ND	ND	ND	ND	ND	783
	1'	ND	ND	ND	ND	ND	ND	1640
	2'	ND	ND	ND	ND	ND	ND	447
	3'	ND	ND	ND	ND	ND	ND	795
	4'	ND	ND	ND	ND	ND	ND	336
S12	Surface	ND	ND	ND	ND	ND	ND	164
	1'	ND	ND	ND	ND	ND	ND	339
	2'	ND	ND	ND	ND	ND	ND	346
	3'	ND	ND	ND	ND	ND	ND	709
	4'	ND	ND	ND	ND	ND	ND	1680
S13	Surface	ND	ND	ND	ND	ND	ND	1770
	1'	ND	ND	ND	ND	ND	ND	677
	2'	ND	ND	ND	ND	ND	ND	317
	3'	ND	ND	ND	ND	ND	ND	210
	4'	ND	ND	ND	ND	ND	ND	24.1
SW1	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND

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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw 12 CTB 12								
Date: 9-2-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
SW2	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW3	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW4	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW5	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW6	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW7	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
SW8	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw 12 CTB 12								
Date: 9-2-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
SW9	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
BG1	1'	ND	ND	ND	ND	ND	ND	ND

ND/0- Analyte Not Detected

10-3-2025 Delineation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Cotton Draw Unit 12 CTB 12								
Date: 10-3-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	5'	ND	ND	ND	ND	ND	ND	1380
	6'	ND	ND	ND	ND	ND	ND	1100
	7'	ND	ND	ND	ND	ND	ND	ND
S12	5'	ND	ND	ND	ND	ND	ND	2060
	6'	ND	ND	ND	ND	ND	ND	2590
	7'	ND	ND	ND	ND	ND	ND	ND
S10	6'	ND	ND	ND	ND	ND	ND	ND
	5'	ND	ND	ND	ND	ND	ND	689
S7	5'	ND	ND	ND	ND	ND	ND	ND
S3	5'	ND	ND	ND	ND	ND	ND	ND
S8	5'	ND	ND	ND	ND	ND	ND	ND
S5	5'	ND	ND	ND	ND	ND	ND	ND
S7	6'	ND	ND	ND	ND	ND	ND	ND

ND/0-Analyte Not Detected

Official Laboratory Reports verified that contamination exists and will need to be remediated.

Proposed Remediation Plan

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

- The estimated volume of soil to be remediated from S13 is based on a depth of 2' bgs, approximately 200 square feet and 15 cubic yards.

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2. The estimated volume of soil to be remediated from S11 is based on a depth 4' bgs, approximately 200 square feet and 30 cubic yards.
3. The estimated volume of soil to be remediated from S3, S5, S7, S8 and is based on a depth of 5' bgs, approximately 800 square feet and 149 cubic yards.
3. The estimated volume of soil to be remediated from S10 is based on a depth of 6' bgs, approximately 200 square feet and 44 cubic yards.
4. The estimated volume of soil to be remediated from S1 and S12 is based on a depth of 7' bgs, approximately 400 square feet and 104 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 Remediation Closure report will be submitted to the NMOCD for review and approval.

For questions or additional information, please feel free to contact:

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

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

Respectfully,

DelRae Geller

DelRae Geller
Project Manager
Pima Environmental Services, LLC.

Attachments

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form & 48-Hour Sampling Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map


5-New Site Map

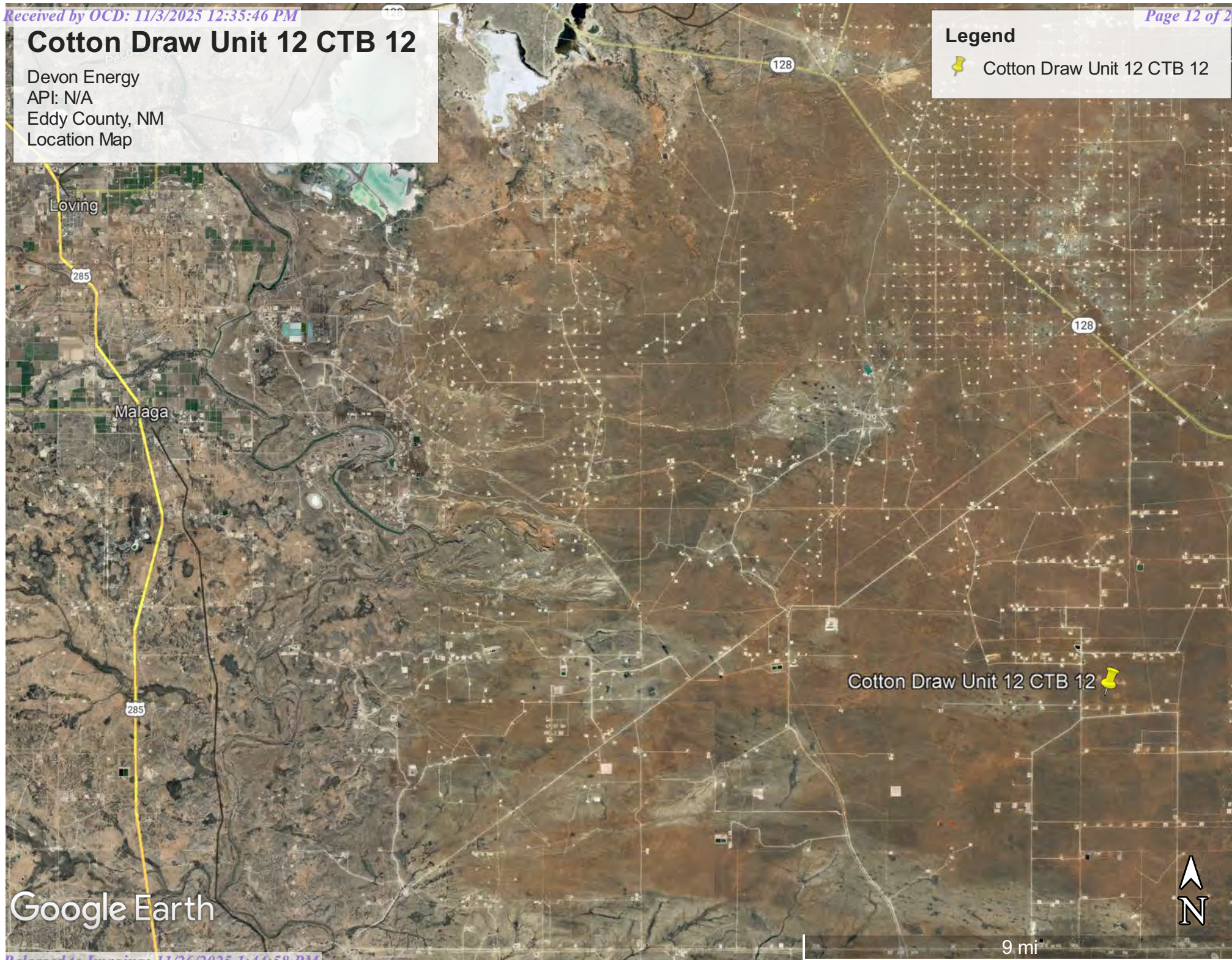
6-Proposed Excavation Map

Cotton Draw Unit 12 CTB 12

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

Legend


 Cotton Draw Unit 12 CTB 12

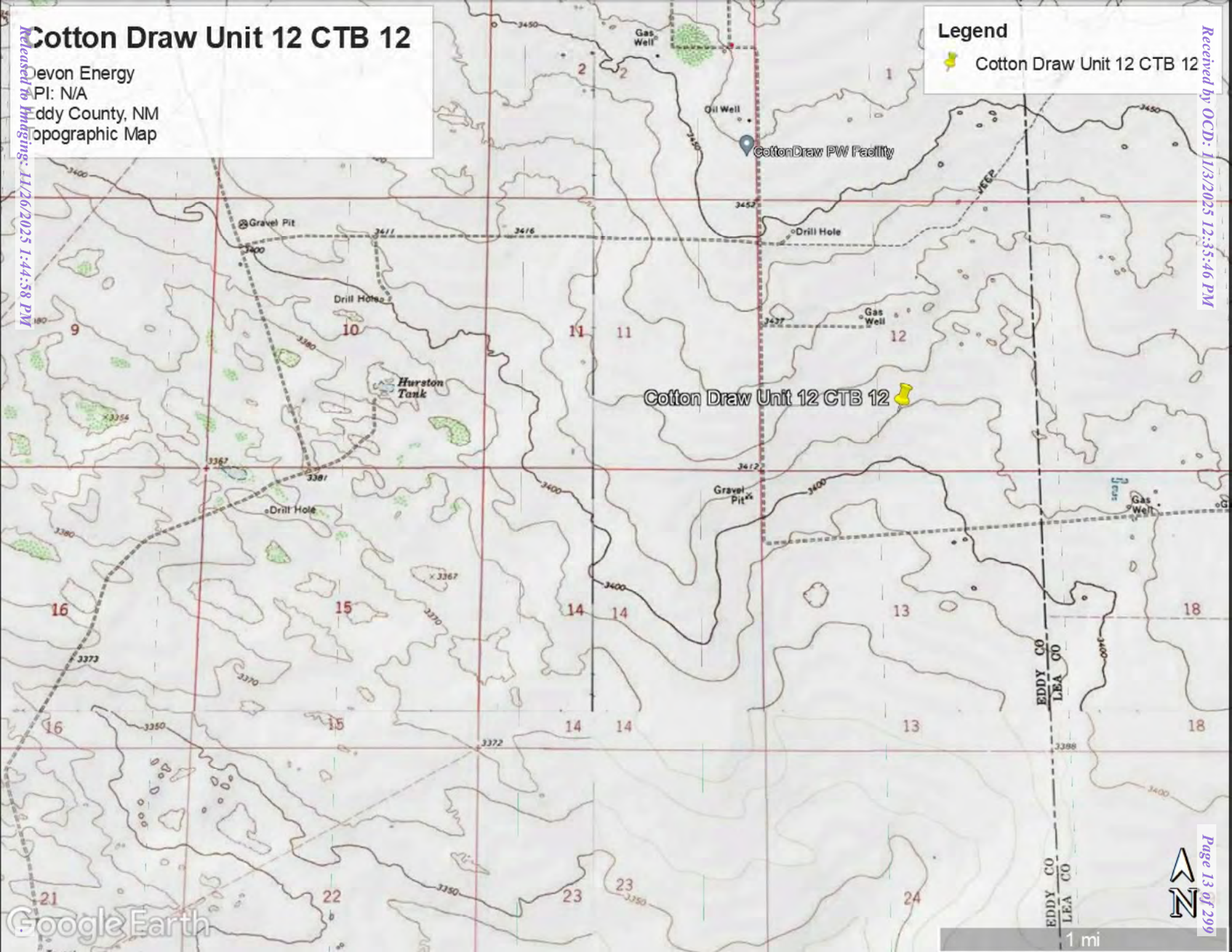


Cotton Draw Unit 12 CTB 12

Devon Energy
PI: N/A
Eddy County, NM
Topographic Map

Legend





 Cotton Draw Unit 12 CTB 12




Cotton Draw Unit 12 CTB 12

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

Legend

-  Cotton Draw Unit 12 CTB 12
-  High Karst
-  Low Karst
-  Medium Karst

Cotton Draw Unit 12 CTB 12 

Google Earth



1 mi

Cotton Draw Unit 12 CTB 12

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

Legend

- Background/Sidewall Samples
- Cotton Draw 12 CTB 12
- Samples
- Spill Area

BG1

SW1

BG2

S4

S1

SW2

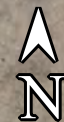
SW4

S3

S2

Cotton Draw 12 CTB 12

SW3



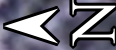
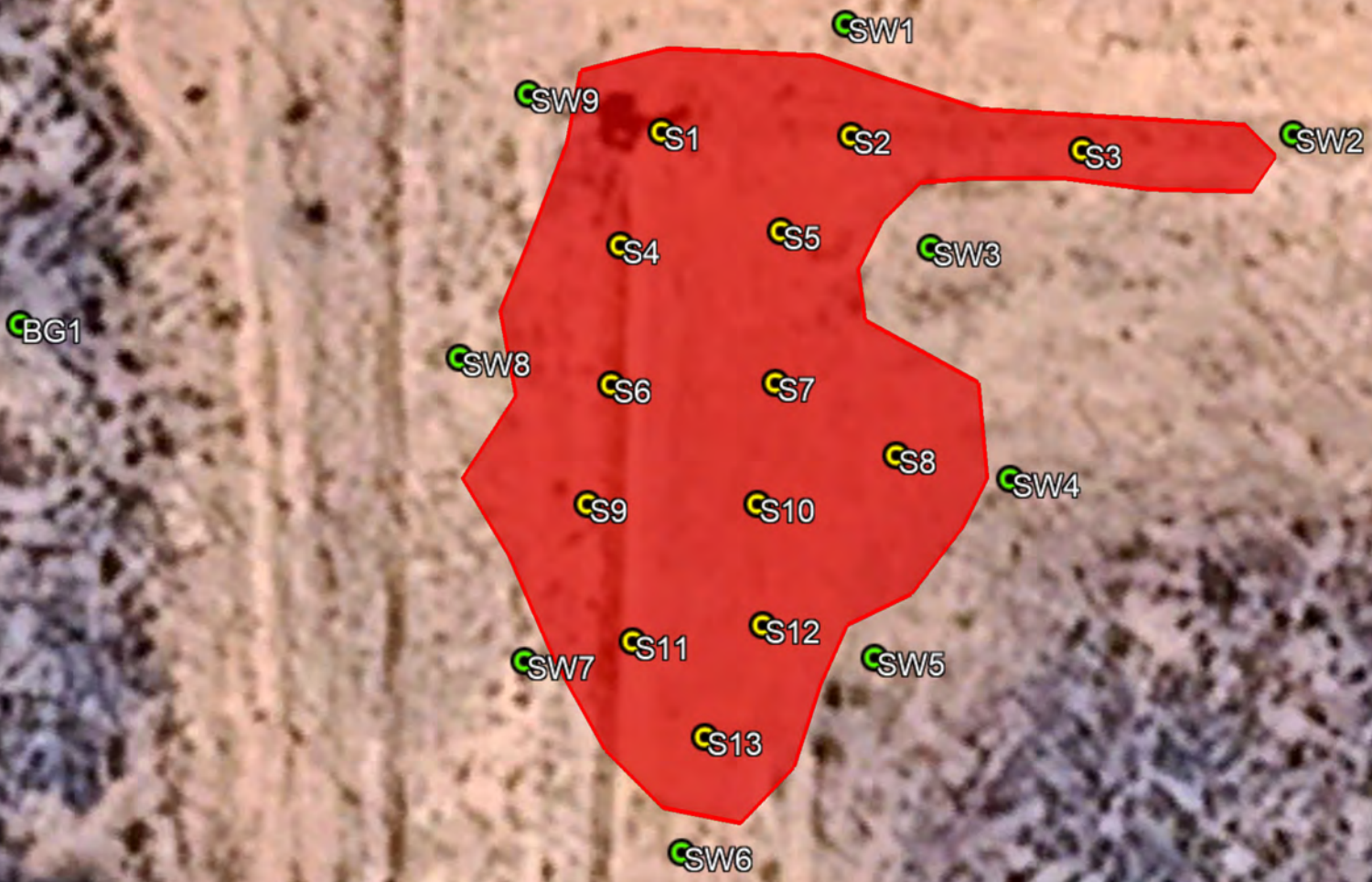
100 ft

Cotton Draw Unit 12 CTB 12

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

Legend

- Bottom Samples
- Sidewall/Background Samples
- Spill Area

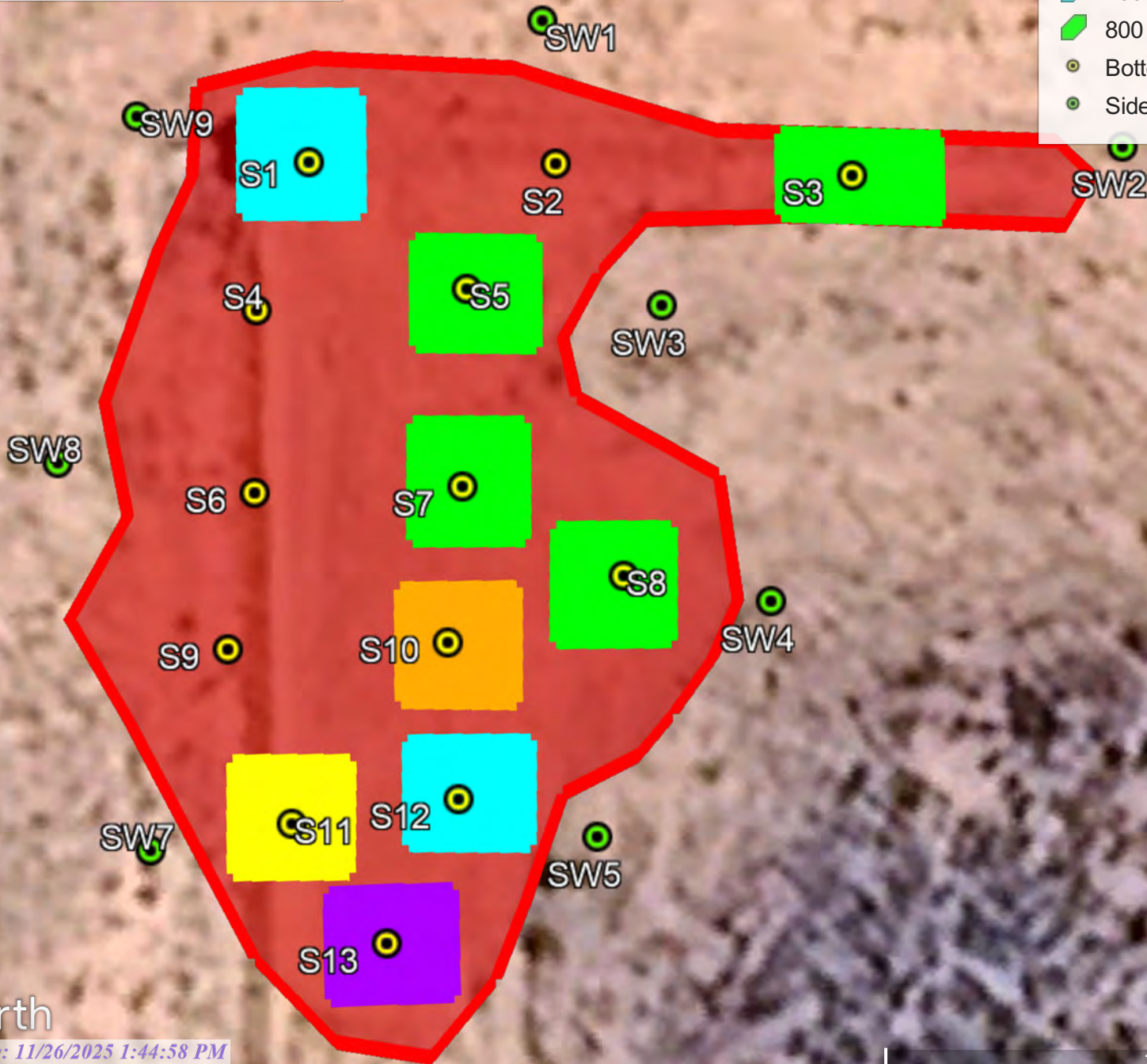


Cotton Draw Unit 12 CTB 12

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

Legend

- 200 sqft- 2' Excavation
- 200 sqft- 6' Excavation
- 200 square feet- 4' Excavation
- 400 sqft- 7' Excavation
- 800 sqft- 5' Excavation
- Bottom Samples
- Sidewall Samples





Pima Environmental Services

Appendix A


















Water Surveys:

OSE

USGS

Surface Water Map

Water Column/Average Depth to Water

<div>(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)</div> <div>(R=POD has been replaced, O=orphaned, C=the file is closed)</div> <div>(quarters are smallest to largest)</div> <div>(NAD83 UTM in meters)</div> <div>(In feet)</div>														
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tw	Range	X	Y	Map	Distance	Well Depth
C 04792 POD1		CUB	ED	NW	SW	SE	12	25S	31E	619687.5	3556651.9		93	55
C 04635 POD1		CUB	ED	SE	SW	SE	01	25S	31E	619957.6	3558078.3		1397	55
C 03830 POD1		CUB	ED	SE	NE	SE	02	25S	31E	618632.5	3558432.9		1978	450
C 02570		CUB	ED	SE	NE	SE	02	25S	31E	618704.0	3558489.0 *		1993	895
C 02568		CUB	ED	SE	SW	NW	01	25S	31E	619103.0	3558892.0 *		2232	1025
C 02569		CUB	ED	SE	SE	NE	02	25S	31E	618699.0	3558891.0 *		2359	1016
C 02573		CUB	ED	NW	SE	NE	02	25S	31E	618499.0	3559091.0 *		2623	
C 02572		CUB	ED	SE	NE	NE	02	25S	31E	618695.0	3559294.0 *		2736	852
C 02571		CUB	ED	SE	NW	NE	02	25S	31E	618292.0	3559294.0 *		2897	860
C 04632 POD1		CUB	ED	NW	NE	NE	10	25S	31E	616802.3	3557964.2		3084	55
C 02574		CUB	ED	NW	NW	NE	02	25S	31E	618092.0	3559494.0 *		3168	
C 04593 POD1		CUB	ED	SW	SE	SE	34	24S	31E	616902.6	3559674.6		4016	55
C 04654 POD1		CUB	ED	SW	SW	SE	25	24S	31E	619764.3	3561226.9		4508	55
C 04636 POD1		CUB	ED	SW	SE	SW	25	24S	31E	619200.0	3561279.4		4578	
C 04643 POD1		C	ED	SE	NE	NE	05	23S	27E	619200.0	3561279.4		4578	305
C 04619 POD1		CUB	ED	NE	NW	NE	27	25S	31E	616749.8	3552958.1		4735	55
C 04633 POD1		CUB	ED	NE	NW	NW	35	24S	31E	617394.3	3561170.0		4976	
Average														
Minimum														
Maximum														
<div></div>														

Record Count: 17

Basin/County Search:

County: ED

UTM Filters (in meters):

Easting: 619624.91

Northing: 3556720.87

Radius: 5000

* UTM location was derived from PLSS - see Help

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.


12/9/24 7:52 AM MST

Water Column/Average Depth to Water

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	Tw	Rng	X	Y	Map
NA	C 04792 POD1	NW	SW	SE	12	25S	31E	619687.5	3556651.9	

* UTM location was derived from PLSS - see Help

Driller License:	1833	Driller Company:	VISION RESOURCES, INC		
Driller Name:	JASON MALEY				
Drill Start Date:	2024-02-06	Drill Finish Date:	2024-02-06	Plug Date:	2024-02-10
Log File Date:	2024-02-26	PCW Rcv Date:		Source:	
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:	2.00	Depth Well:	55	Depth Water:	

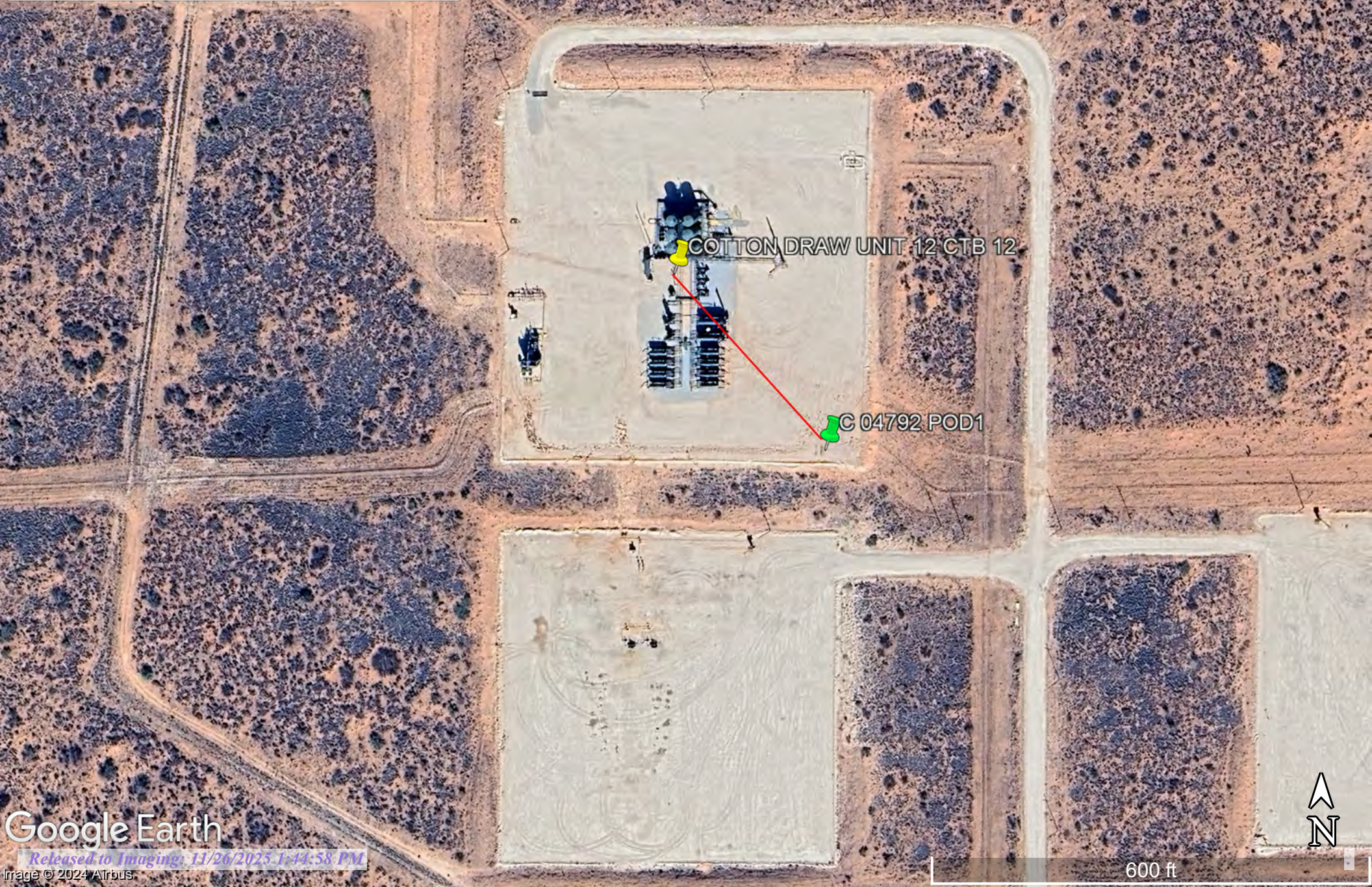
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Cotton Draw Unit 12 CTB 12

Devon Energy
API: N/A
Eddy County, NM
OSE POD Map

Legend

- 0.06 of a mile
- C 04792 POD1
- COTTON DRAW UNIT 12 CTB 12



Google Earth



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

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- See the [Water Data for the Nation Blog](#) for the latest news and updates.

Groundwater levels for the Nation



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

Search Results -- 1 sites found

site_no list =

- 320932103443801

Minimum number of levels = 1

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

USGS 320932103443801 25S.31E.02.23441

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°09'37.4", Longitude 103°44'29.6" NAD83

Land-surface elevation 3,460.00 feet above NGVD29

The depth of the well is 1,016 feet below land surface.

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

This well is completed in the Rustler Formation (312RSLR) local aquifer.

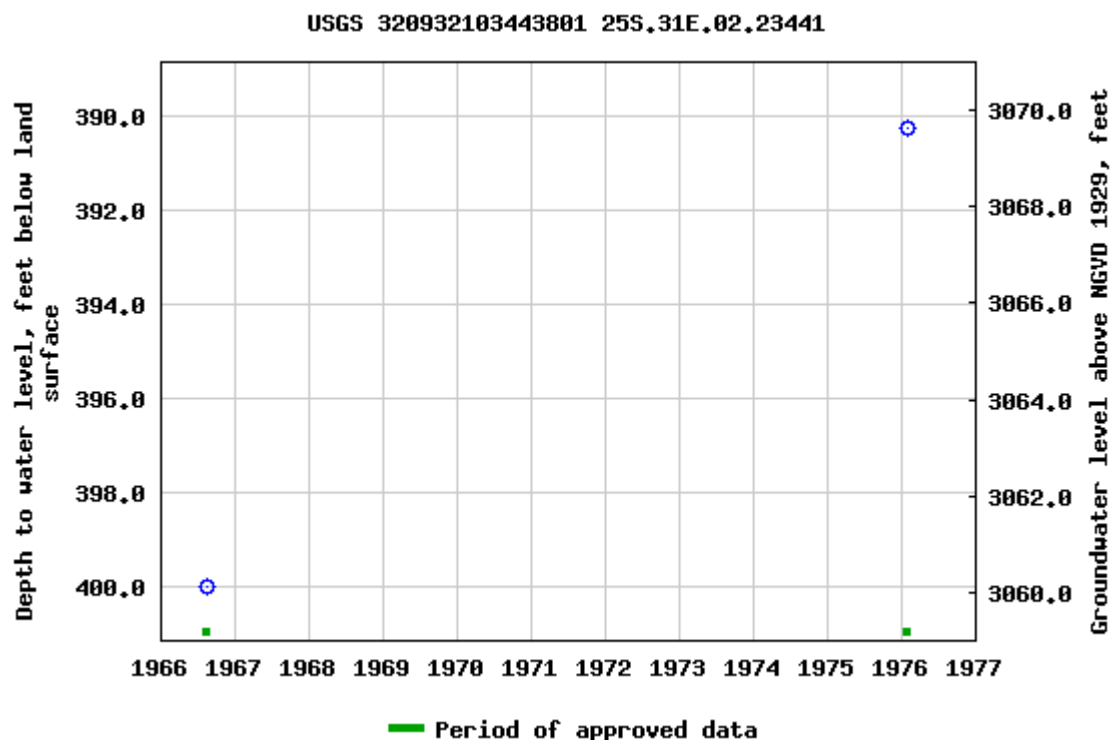
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

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[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

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[Accessibility](#)

[FOIA](#)

[Privacy](#)

[Policies and Notices](#)

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

Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2023-01-12 10:40:36 EST

0.78 0.69 nadww01



Cotton Draw Unit 12 CTB 12

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

Legend



1.48 miles



COTTON DRAW UNIT 12 CTB 12



USGS 320932103443801

USGS 320932103443801

COTTON DRAW UNIT 12 CTB 12

Google Earth



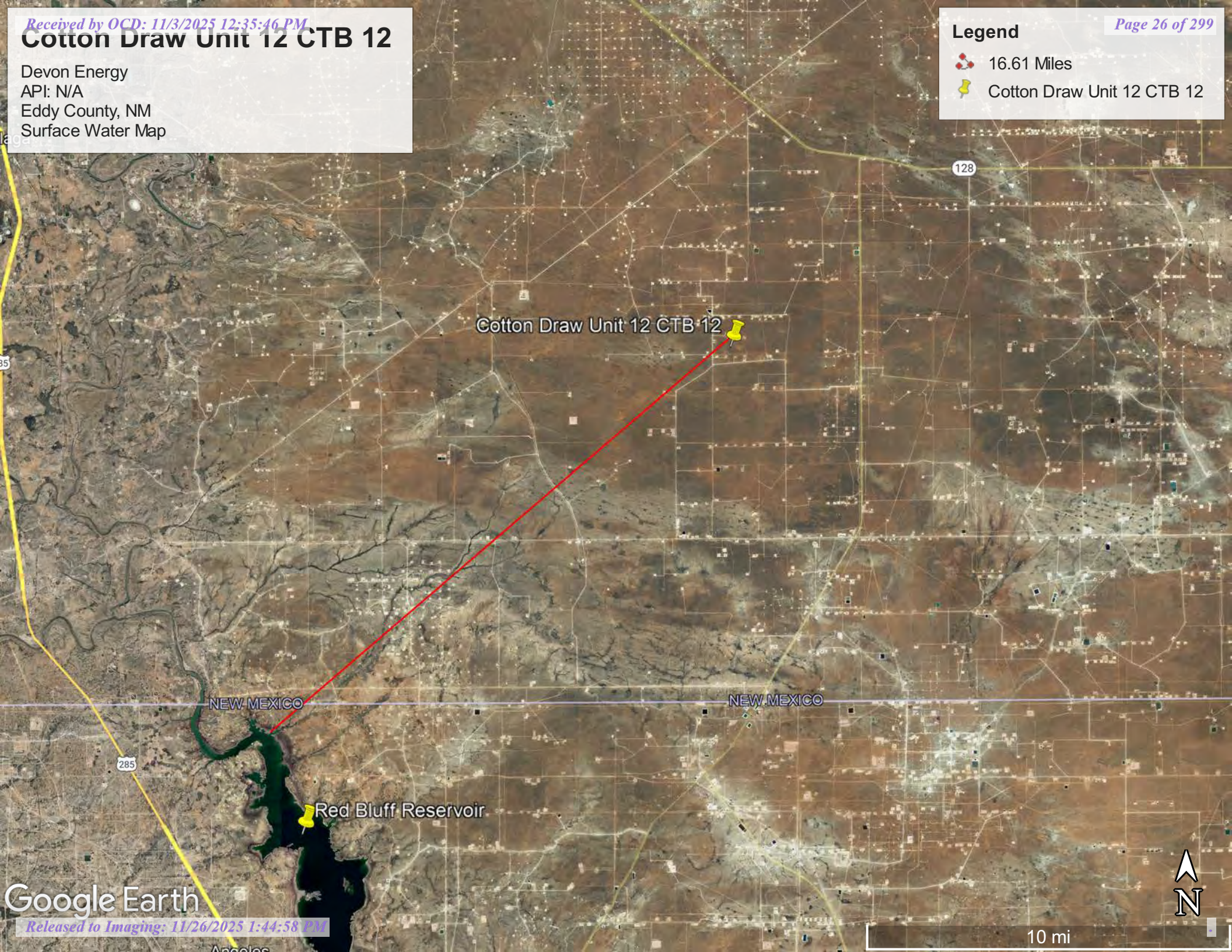
1 mi

Cotton Draw Unit 12 CTB 12

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

Legend

- 16.61 Miles
- Cotton Draw Unit 12 CTB 12





Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

Eddy Area, New Mexico

BB—Berino complex, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w43

Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 5 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 60 percent

Pajarito and similar soils: 25 percent

Minor components: 15 percent

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

Description of Berino

Setting

Landform: Plains, fan piedmonts

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand

H2 - 17 to 58 inches: sandy clay loam

H3 - 58 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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

Description of Pajarito

Setting

Landform: Dunes, plains, interdunes
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: loamy fine sand
H2 - 9 to 72 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: Very low
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: 40 percent
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Pajarito

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Wink

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Cacique

Percent of map unit: 4 percent

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Kermit

Percent of map unit: 3 percent

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022








COTTON DRAW UNIT 12 CTB 12

Devon Energy
API: N/A
Eddy County, NM
Geological Map

COTTON DRAW UNIT 12 CTB 12

Legend

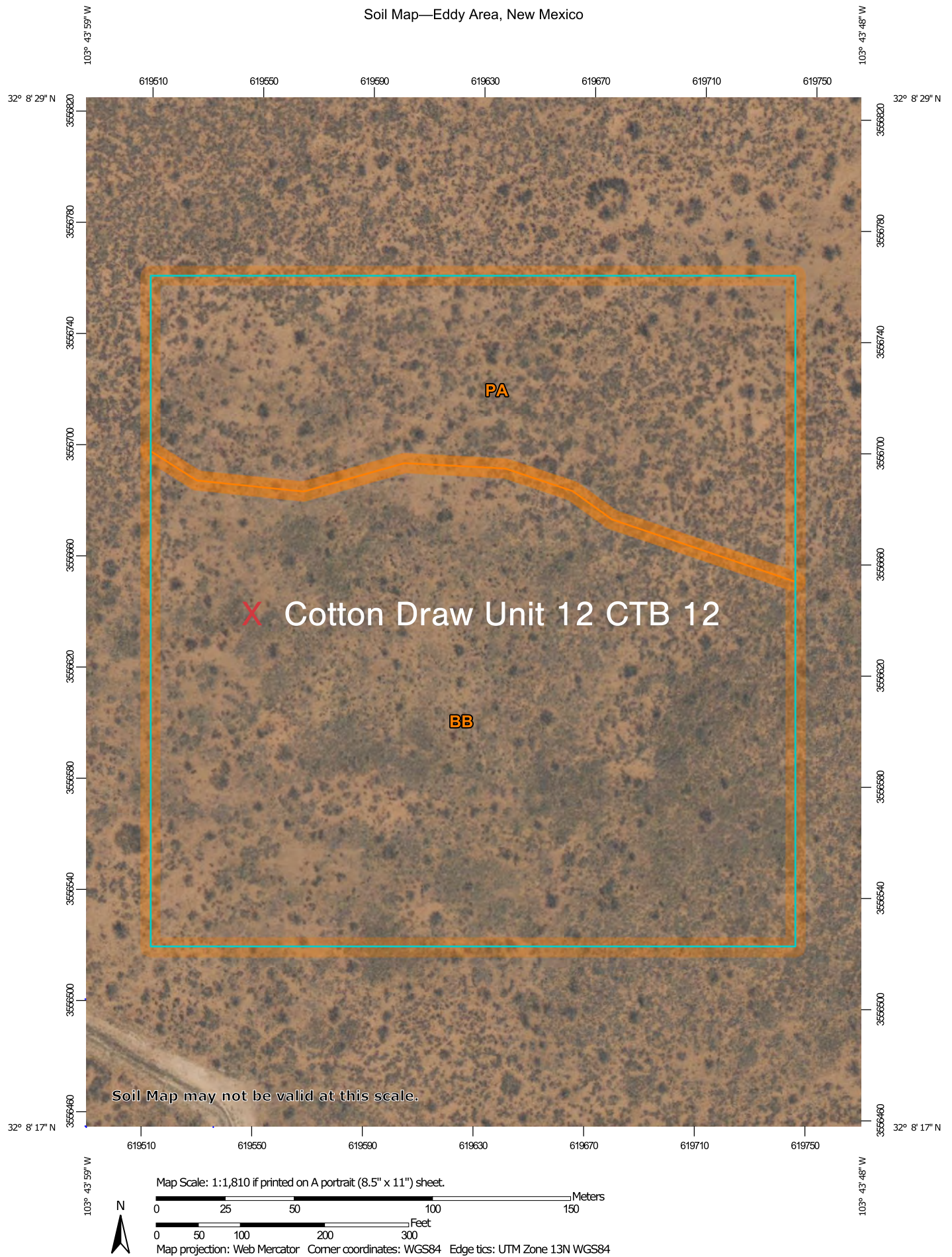
-  COTTON DRAW UNIT 12 CTB 12
-  Eolian and piedmont deposits
-  Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region
-  Piedmont alluvial deposits
-  Upper Chinle Group, Garita Creek through Redonda Formations, undivided

Google Earth



4 mi

Soil Map—Eddy Area, New Mexico




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

12/9/2024
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils



 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 20, Sep 3, 2024

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

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

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

Soil Map—Eddy Area, New Mexico

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	9.3	66.7%
PA	Pajarito loamy fine sand, 0 to 3 percent slopes, eroded	4.6	33.3%
Totals for Area of Interest		13.9	100.0%

National Flood Hazard Layer FIRMMette



103°44'13"W 32°8'41"N



Legend

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

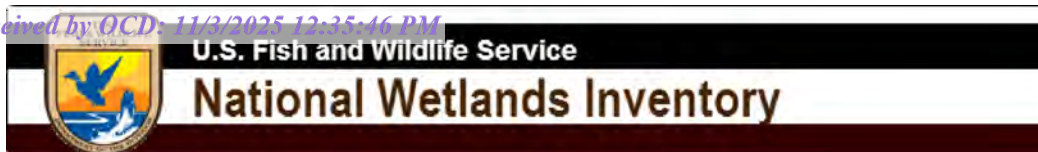
SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of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

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/12/2023 at 10:45 AM 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



January 12, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



Pima Environmental Services

Appendix C

C-141 Form

48-Hour Sampling Notification

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2232225056
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone
Contact email Dale.Woodall@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.140656 Longitude -103.731437
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Cotton Draw Unit 12 CTB 12	Site Type Oil
Date Release Discovered 11/17/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
O	12	25S	31E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 11 BBLS	Volume Recovered (bbls) 0 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Leak developed on trunk line.

Incident ID	nAPP2232225056
District RP	
Facility ID	
Application ID	

<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Kendra Ruiz</u> Signature: <u><i>Kendra Ruiz</i></u> email: <u>Kendra.Ruiz@dvn.com</u>	Title: <u>EHS Associate</u> Date: <u>12/1/2022</u> Telephone: <u>575-748-0167</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>12/01/2022</u>

Spill Volume(Bbls) Calculator*Inputs in blue, Outputs in red***Contaminated Soil measurement**

Length(Ft)	Width(Ft)	Depth(Ft)
<u>130</u>	<u>40.000</u>	<u>0.080</u>
Cubic Feet of Soil Impacted		<u>416.000</u>
Barrels of Soil Impacted		<u>74.15</u>
Soil Type		<u>Clay/Sand</u>
Barrels of Oil Assuming 100% Saturation		<u>11.12</u>
Saturation	Fluid present when squeezed	
Estimated Barrels of Oil Released		<u>5.56</u>

Free Standing Fluid Only

Length(Ft)	Width(Ft)	Depth(Ft)
<u>0</u>	<u>0.000</u>	<u>0.000</u>
Standing fluid		<u>0.000</u>
<u>Total fluids spilled</u>		<u>11.123</u>

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 162825

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 162825
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	3/1/2023

Incident ID	NAPP2232225056
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	<u><50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NAPP2232225056
District RP	
Facility ID	
Application ID	

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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: _____ Date: _____

email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2232225056
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: Environmental Professional
Signature: _____ Date: _____
email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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 421109

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 421109
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2232225056
Incident Name	NAPP2232225056 COTTON DRAW UNIT 12 CTB 12 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP223533376] COTTON DRAW UNIT 12 CTB 12

Location of Release Source	
Site Name	COTTON DRAW UNIT 12 CTB 12
Date Release Discovered	11/17/2022
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,351
What is the estimated number of samples that will be gathered	35
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/17/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Marisa Loya (575) 408-3446
Please provide any information necessary for navigation to sampling site	32.140656, -103.731437

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 421109

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 421109
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/15/2025



Pima Environmental Services

Appendix D

Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Cotton Draw Unit 12 CTB 12

Assessment :



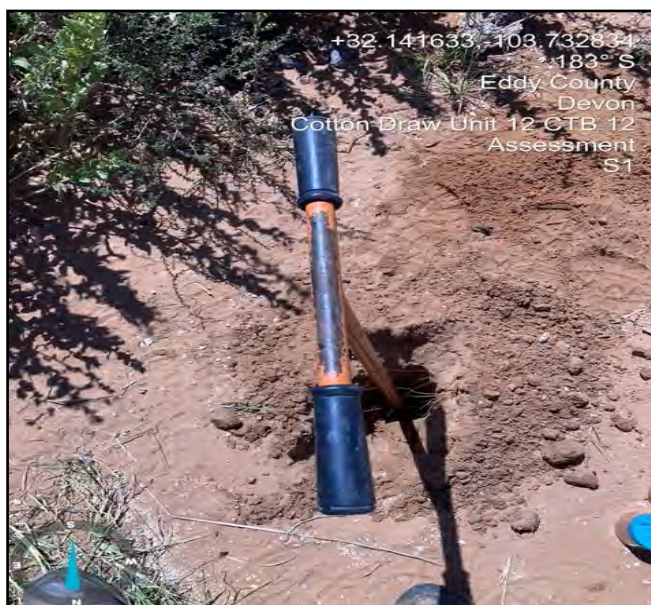
Site information sign.



Photograph of site tech assessing the area facing north.



Aerial photograph of delineation samples collected.



Photograph of assessment sample.



Photograph of assessment sample.



Photograph of assessment sample.



Photograph of assessment sample.



Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



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: Cotton Draw 12 Unit 12

Work Order: E301110

Job Number: 01058-0007

Received: 1/20/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/24/23

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.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 1/24/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw 12 Unit 12
Workorder: E301110
Date Received: 1/20/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2023 7:00:00AM, under the Project Name: Cotton Draw 12 Unit 12.

The analytical test results summarized in this report with the Project Name: Cotton Draw 12 Unit 12 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 Unit 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	01/24/23 12:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG-1	E301110-01A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
BG-2	E301110-02A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SW-1	E301110-03A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SW-2	E301110-04A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SW-3	E301110-05A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
SW-4	E301110-06A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-1 1'	E301110-07A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-1 2'	E301110-08A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-1 3'	E301110-09A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-2 1'	E301110-10A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-2 2'	E301110-11A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-2 3'	E301110-12A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-3 1'	E301110-13A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-3 2'	E301110-14A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-3 3'	E301110-15A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-4 1'	E301110-16A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-4 2'	E301110-17A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.
S-4 3'	E301110-18A	Soil	01/18/23	01/20/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Cotton Draw 12 Unit 12 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 1/24/2023 12:05:27PM
---	--	--

BG-1

E301110-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	01/20/23	01/20/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	01/20/23	01/20/23	
<i>Surrogate: Toluene-d8</i>		93.0 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	01/20/23	01/20/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	01/20/23	01/20/23	
<i>Surrogate: Toluene-d8</i>		93.0 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

BG-2

E301110-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.9 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.9 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		104 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

SW-1

E301110-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		101 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.2 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		101 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.2 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		108 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

SW-2

E301110-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.5 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.5 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		102 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

SW-3

E301110-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.6 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.6 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		105 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

SW-4

E301110-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.2 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.2 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		105 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-1 1'

E301110-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		105 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		94.0 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		105 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		94.0 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		93.9 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	53.8	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-1 2'

E301110-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.1 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.1 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		103 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-1 3'

E301110-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		101 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.2 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		101 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.2 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		102 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-2 1'

E301110-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		93.4 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		93.4 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/23/23	
Surrogate: n-Nonane		97.6 %	50-200	01/20/23	01/23/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	227	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-2 2'

E301110-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.4 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		91.4 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		105 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	73.8	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-2 3'

E301110-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.1 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.1 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		100 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-3 1'

E301110-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.5 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.5 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		104 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-3 2'

E301110-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		101 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		93.2 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		101 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		93.2 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		103 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	29.5	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-3 3'

E301110-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.2 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.2 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		103 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-4 1'

E301110-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		100 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.1 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		100 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.1 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		104 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-4 2'

E301110-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.4 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.4 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		103 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



Sample Data

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

Project Name: Cotton Draw 12 Unit 12
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/24/2023 12:05:27PM

S-4 3'

E301110-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Benzene	ND	0.0250	1	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	01/20/23	01/20/23	
Toluene	ND	0.0250	1	01/20/23	01/20/23	
o-Xylene	ND	0.0250	1	01/20/23	01/20/23	
p,m-Xylene	ND	0.0500	1	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.7 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/23	01/20/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/20/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20/23	01/20/23	
Surrogate: Toluene-d8		92.7 %	70-130	01/20/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2303063
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/23	01/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/23	01/21/23	
Surrogate: n-Nonane		104 %	50-200	01/20/23	01/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 Unit 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/24/2023 12:05:27PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2303071-BLK1)

Prepared: 01/20/23 Analyzed: 01/20/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.571		0.500		114	70-130			
Surrogate: Toluene-d8	0.459		0.500		91.7	70-130			

LCS (2303071-BS1)

Prepared: 01/20/23 Analyzed: 01/20/23

Benzene	3.14	0.0250	2.50		126	70-130			
Ethylbenzene	2.86	0.0250	2.50		115	70-130			
Toluene	2.89	0.0250	2.50		115	70-130			
o-Xylene	2.97	0.0250	2.50		119	70-130			
p,m-Xylene	5.91	0.0500	5.00		118	70-130			
Total Xylenes	8.88	0.0250	7.50		118	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.591		0.500		118	70-130			
Surrogate: Toluene-d8	0.460		0.500		91.9	70-130			

Matrix Spike (2303071-MS1)

Source: E301109-01

Prepared: 01/20/23 Analyzed: 01/20/23

Benzene	2.78	0.0250	2.50	ND	111	48-131			
Ethylbenzene	2.56	0.0250	2.50	ND	102	45-135			
Toluene	2.56	0.0250	2.50	ND	103	48-130			
o-Xylene	2.64	0.0250	2.50	ND	106	43-135			
p,m-Xylene	5.27	0.0500	5.00	ND	105	43-135			
Total Xylenes	7.91	0.0250	7.50	ND	105	43-135			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.576		0.500		115	70-130			
Surrogate: Toluene-d8	0.462		0.500		92.4	70-130			

Matrix Spike Dup (2303071-MSD1)

Source: E301109-01

Prepared: 01/20/23 Analyzed: 01/20/23

Benzene	2.74	0.0250	2.50	ND	109	48-131	1.61	23	
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135	1.69	27	
Toluene	2.52	0.0250	2.50	ND	101	48-130	1.65	24	
o-Xylene	2.63	0.0250	2.50	ND	105	43-135	0.550	27	
p,m-Xylene	5.21	0.0500	5.00	ND	104	43-135	1.11	27	
Total Xylenes	7.84	0.0250	7.50	ND	104	43-135	0.921	27	
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.564		0.500		113	70-130			
Surrogate: Toluene-d8	0.461		0.500		92.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 Unit 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/24/2023 12:05:27PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2303071-BLK1)

Prepared: 01/20/23 Analyzed: 01/20/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.571		0.500		114	70-130			
Surrogate: Toluene-d8	0.459		0.500		91.7	70-130			

LCS (2303071-BS2)

Prepared: 01/20/23 Analyzed: 01/20/23

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.5	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.575		0.500		115	70-130			
Surrogate: Toluene-d8	0.465		0.500		93.0	70-130			

Matrix Spike (2303071-MS2)

Source: E301109-01

Prepared: 01/20/23 Analyzed: 01/20/23

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.5	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.576		0.500		115	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.7	70-130			

Matrix Spike Dup (2303071-MSD2)

Source: E301109-01

Prepared: 01/20/23 Analyzed: 01/20/23

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.6	70-130	3.35	20	
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.558		0.500		112	70-130			
Surrogate: Toluene-d8	0.465		0.500		93.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 Unit 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/24/2023 12:05:27PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2303063-BLK1)					Prepared: 01/20/23 Analyzed: 01/21/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.8		50.0		106	50-200			

LCS (2303063-BS1)					Prepared: 01/20/23 Analyzed: 01/21/23				
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	51.6		50.0		103	50-200			

Matrix Spike (2303063-MS1)					Source: E301110-18		Prepared: 01/20/23 Analyzed: 01/21/23		
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	49.6		50.0		99.3	50-200			

Matrix Spike Dup (2303063-MSD1)					Source: E301110-18		Prepared: 01/20/23 Analyzed: 01/21/23		
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132	0.0582	20	
Surrogate: n-Nonane	50.7		50.0		101	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 Unit 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/24/2023 12:05:27PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2303077-BLK1)					Prepared: 01/20/23 Analyzed: 01/20/23				
Chloride	ND	20.0							
LCS (2303077-BS1)					Prepared: 01/20/23 Analyzed: 01/20/23				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2303077-MS1)					Source: E301109-01		Prepared: 01/20/23 Analyzed: 01/20/23		
Chloride	257	40.0	250	ND	103	80-120			
Matrix Spike Dup (2303077-MSD1)					Source: E301109-01		Prepared: 01/20/23 Analyzed: 01/20/23		
Chloride	259	40.0	250	ND	104	80-120	0.755	20	

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 Unit 12	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	01/24/23 12:05

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Cotton Draw 12 unit 12</u>					Attention: <u>Devon Energy</u>		Lab WO# <u>E361110</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip											
City, State, Zip: Hobbs, NM, 88240					Phone:		DRO by 8015		GRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
Phone: 580-748-1613					Email:		Chloride 300.0									
Email: tom@pimaoil.com					Pima Project # <u>228-1</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number											
8:00	1/18/23	S	1	BG-1	1											
8:05				BG-2	2											
8:10				SW-1	3											
8:15				SW-2	4											
8:20				SW-3	5											
8:25				SW-4	6											
8:30				S-1	7											
8:35				S-1	8											
8:40				S-1	9											
8:45				S-2	10											
Additional Instructions: <u>Bill To Devon Energy: # 21111670</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
<u>[Signature]</u>		1/19/23	2:00 P	<u>[Signature]</u>		1-19-23	1400	Received on ice: <u>Y</u> / N								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3								
<u>[Signature]</u>		1-19-23	1730	<u>[Signature]</u>		1-19-23	1715									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>								
<u>[Signature]</u>		1-19-23	2300	<u>[Signature]</u>		1/20/23	7:00									
Sample Matrix: <u>(S - Soil)</u> Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																
Container Type: <u>g - glass</u> , p - poly/plastic, ag - amber glass, v - VOA																
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																


envirotech

Project Information

Chain of Custody

Page 2 of 2

Client: Pima Environmental Services Project: <u>Cotton Draw 12 unit 12</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon Energy</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>228-1</u>					Lab Use Only Lab WO# <u>E30110</u> Job Number <u>0058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
															State NM CO UT AZ TX <u>X</u>				Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX							
8:50	1/18/23	S	1	S-2	11							X								
8:55				S-2	12															
9:00				S-3	13															
9:05				S-3	14															
9:10				S-3	15															
9:15				S-4	16															
9:20				S-4	17															
9:25				S-4	18															
Additional Instructions: <u>Bill To Devon Energy: # 2111670</u>																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Audriana Benavidez</u>																				
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																				
Relinquished by: (Signature) <u>Ned Kofers</u>		Date <u>1/19/23</u>		Time <u>2:00 P</u>		Received by: (Signature) <u>Michelle Gungor</u>		Date <u>1-19-23</u>		Time <u>1400</u>		Lab Use Only Received on ice: <u>Y</u> N								
Relinquished by: (Signature) <u>Luzanne Peni</u>		Date <u>1-19-23</u>		Time <u>1730</u>		Received by: (Signature) <u>Michelle Gungor</u>		Date <u>1-19-23</u>		Time <u>1715</u>		T1 T2 T3								
Relinquished by: (Signature) <u>Lorenzofsky</u>		Date <u>1-19-23</u>		Time <u>2300</u>		Received by: (Signature) <u>Carla Chet</u>		Date <u>1/20/23</u>		Time <u>7:00</u>		AVG Temp °C <u>4</u>								
Sample Matrix: <u>S</u> - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: <u>g</u> - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Envirotech Analytical Laboratory

Printed: 1/20/2023 9:58:13AM

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:	01/20/23 07:00	Work Order ID:	E301110
Phone:	(575) 631-6977	Date Logged In:	01/19/23 16:04	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	01/26/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Sample names on COC did not match containers. Spoke with client and corrected COC to match containers.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



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Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services				Bill To		Lab Use Only				TAT				EPA Program				
Project: <u>Cotton Draw 12 unit 12</u>				Attention: <u>Devon Energy</u>		Lab WO# <u>E301110</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Tom Bynum				Address:		Analysis and Method								RCRA				
Address: 5614 N. Lovington Hwy.				City, State, Zip										State				
City, State, Zip: Hobbs, NM, 88240				Phone:		DRO/DRO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	NM	CO	UT	AZ	TX
Phone: 580-748-1613				Email:		Remarks												
Email: tom@pimaoil.com				Pima Project # <u>228-1</u>														
Report due by:																		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	11/18/23	S	1	BG-1	1							X		
8:05				BG-2	2									
8:10				SW-1	3									
8:15				SW-2	4									
8:20				SW-3	5									
8:25				SW-4	6									
8:30				S-1 1'	7									
8:35				S-1 2'	8									
8:40				S-1 3'	9									
8:45				S-2 1'	10									

Additional Instructions: Bill To Devon Energy: # 21111670

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

Sampled by: Audrey Benavidez

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>Neil Rogers</u>	11/19/23	2:00 P	<u>Michelle Guala</u>	11/19/23	1400	Received on ice: <u>Y/N</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1
<u>Doreen Perez</u>	11/19/23	1730	<u>Michelle Guala</u>	11/19/23	1715	T2
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T3
<u>Doreen Perez</u>	11/19/23	2300	<u>Cathy Chit</u>	11/20/23	7:00	AVG Temp °C <u>4</u>

Sample Matrix (S - Solid, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other)

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.


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Project Information

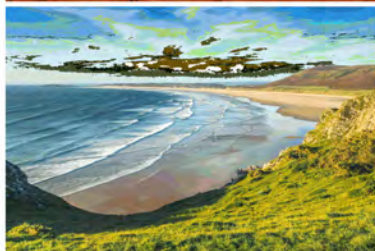
Chain of Custody

Page 2 of 2

Client: Pima Environmental Services				Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Cotton Draw 12 unit 12</u>				Attention: <u>Devon Energy</u>		Lab WO# <u>E301110</u>		Job Number <u>0058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum				Address:		Analysis and Method								RCRA	
Address: <u>5614 N. Lovington Hwy.</u>				City, State, Zip										State	
City, State, Zip <u>Hobbs, NM, 88240</u>				Phone:		DRO/ORO by 8015		GRO/DRO by 8015		BTX by 8021		VOC by 8260		Metals 6010	
Phone: <u>580-748-1613</u>				Email:		Chloride 300.0									
Email: <u>tom@pimaoil.com</u>				Pima Project # <u>228-1</u>											
Report due by:															
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number										
8:50	11/8/23	S	1	S-2 2'	11										
8:55				S-2 3'	12										
9:00				S-3 1'	13										
9:05				S-3 2'	14										
9:10				S-3 3'	15										
9:15				S-4 1'	16										
9:20				S-4 2'	17										
9:25				S-4 3'	18										
Sample names on COC did not match Jars. Corrected on COC per Client.															
Additional Instructions: <u>Bill To Devon Energy: # 21111670</u> <u>11/20/23 CC</u>															
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only							
<u>Ned Peters</u>		<u>11/19/23</u>	<u>2:00 P</u>	<u>Michelle Cuyler</u>		<u>1-19-23</u>	<u>1400</u>	Received on ice: <u>Y/N</u>							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3							
<u>Lorenz</u>		<u>1-19-23</u>	<u>1730</u>	<u>Michelle Cuyler</u>		<u>1-19-23</u>	<u>1715</u>								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>							
<u>Lorenz</u>		<u>1-19-23</u>	<u>2300</u>	<u>Michelle Cuyler</u>		<u>11/20/23</u>	<u>7:00</u>								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: <u>g - glass, p - poly/plastic, ag - amber glass, v - VOA</u>									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.															


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Report to:
Delrae Geller



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Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 12 CTB 12

Work Order: E501140

Job Number: 01058-0007

Received: 1/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/22/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/22/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 12 CTB 12
Workorder: E501140
Date Received: 1/22/2025 5:00:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/22/2025 5:00:00AM, under the Project Name: Cotton Draw Unit 12 CTB 12.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 12 CTB 12 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	01/22/25 14:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1- 0-4' Comp	E501140-01A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS2- 0-4' Comp	E501140-02A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS3- 0-4' Comp	E501140-03A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS4- 0-4' Comp	E501140-04A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS5- 0-4' Comp	E501140-05A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS6- 0-4' Comp	E501140-06A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS7- 0-4' Comp	E501140-07A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS8- 0-4' Comp	E501140-08A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS9- 0-4' Comp	E501140-09A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS10- 0-4' Comp	E501140-10A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS11- 0-4' Comp	E501140-11A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS12- 0-4' Comp	E501140-12A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS13- 0-4' Comp	E501140-13A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS14- 0-4' Comp	E501140-14A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS15- 0-4' Comp	E501140-15A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS16- 0-4' Comp	E501140-16A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS17- 0-4' Comp	E501140-17A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS18- 0-4' Comp	E501140-18A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS19- 0-4' Comp	E501140-19A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS20- 0-4' Comp	E501140-20A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS1- 0-4' Comp

E501140-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	01/21/25	01/22/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	70-130	01/21/25	01/22/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	01/21/25	01/22/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	70-130	01/21/25	01/22/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
<i>Surrogate: n-Nonane</i>		101 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS2- 0-4' Comp

E501140-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.9 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	106 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.9 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	106 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	101 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS3- 0-4' Comp

E501140-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		102 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS4- 0-4' Comp

E501140-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.5 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	103 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.5 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	103 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	94.4 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS5- 0-4' Comp

E501140-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		104 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		104 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		99.8 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS6- 0-4' Comp

E501140-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.8 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	106 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.8 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	106 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	100 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS7- 0-4' Comp

E501140-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		104 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		104 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		99.1 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS8- 0-4' Comp

E501140-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		100 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		100 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		99.9 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS9- 0-4' Comp

E501140-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	104 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	104 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	104 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS10- 0-4' Comp

E501140-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		100 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		100 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		102 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS11- 0-4' Comp

E501140-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.5 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.1 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.5 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.1 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	106 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS12- 0-4' Comp

E501140-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.9 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.1 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.9 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.1 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	106 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS13- 0-4' Comp

E501140-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.4 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	95.4 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.4 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	95.4 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	109 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS14- 0-4' Comp

E501140-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.9 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	99.8 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.9 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	99.8 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	105 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS15- 0-4' Comp

E501140-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.9 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	98.4 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.9 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	98.4 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	109 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS16- 0-4' Comp

E501140-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.5 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.5 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	111 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS17- 0-4' Comp

E501140-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.5 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	96.8 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.5 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	96.8 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	108 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS18- 0-4' Comp

E501140-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.2 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	98.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.2 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	98.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	108 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS19- 0-4' Comp

E501140-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.0 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.0 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	111 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 2:20:30PM

CS20- 0-4' Comp

E501140-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	94.9 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	95.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	94.9 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	95.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	111 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504070
Chloride	ND	20.0	1	01/22/25	01/22/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 2:20:30PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2504071-BLK1)

Prepared: 01/21/25 Analyzed: 01/21/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.523		0.500		105	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

LCS (2504071-BS1)

Prepared: 01/21/25 Analyzed: 01/21/25

Benzene	2.04	0.0250	2.50		81.6	70-130			
Ethylbenzene	2.27	0.0250	2.50		90.6	70-130			
Toluene	2.16	0.0250	2.50		86.5	70-130			
o-Xylene	2.34	0.0250	2.50		93.7	70-130			
p,m-Xylene	4.62	0.0500	5.00		92.5	70-130			
Total Xylenes	6.97	0.0250	7.50		92.9	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.529		0.500		106	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS Dup (2504071-BSD1)

Prepared: 01/21/25 Analyzed: 01/21/25

Benzene	2.01	0.0250	2.50		80.3	70-130	1.65	23	
Ethylbenzene	2.26	0.0250	2.50		90.3	70-130	0.332	27	
Toluene	2.14	0.0250	2.50		85.6	70-130	1.05	24	
o-Xylene	2.39	0.0250	2.50		95.7	70-130	2.11	27	
p,m-Xylene	4.69	0.0500	5.00		93.8	70-130	1.46	27	
Total Xylenes	7.08	0.0250	7.50		94.5	70-130	1.68	27	
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 2:20:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2504071-BLK1) Prepared: 01/21/25 Analyzed: 01/21/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.523		0.500		105	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

LCS (2504071-BS2) Prepared: 01/21/25 Analyzed: 01/21/25

Gasoline Range Organics (C6-C10)	60.1	20.0	50.0		120	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS Dup (2504071-BSD2) Prepared: 01/21/25 Analyzed: 01/21/25

Gasoline Range Organics (C6-C10)	57.7	20.0	50.0		115	70-130	4.17	20	
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 2:20:30PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2504065-BLK1)					Prepared: 01/21/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.5		50.0		117	50-200			

LCS (2504065-BS1)					Prepared: 01/21/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	290	25.0	250		116	38-132			
Surrogate: n-Nonane	60.9		50.0		122	50-200			

LCS Dup (2504065-BSD1)					Prepared: 01/21/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	303	25.0	250		121	38-132	4.30	20	
Surrogate: n-Nonane	61.7		50.0		123	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 2:20:30PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2504070-BLK1)					Prepared: 01/21/25 Analyzed: 01/22/25				
Chloride	ND	20.0							
LCS (2504070-BS1)					Prepared: 01/21/25 Analyzed: 01/22/25				
Chloride	251	20.0	250		100	90-110			
LCS Dup (2504070-BSD1)					Prepared: 01/21/25 Analyzed: 01/22/25				
Chloride	251	20.0	250		100	90-110	0.0849	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	01/22/25 14:20

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Page 1 of 4

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Cotton Draw Unit 12 CTB 12				Address:		E501140	01058-0007	X				X							
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-724-5391				Miscellaneous: Project No. 1-228-1															
Email: delrae@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8250	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
11:05	1/17/2025	S		CS1- 0-4' Comp		1						X							
11:21	1/17/2025	S		CS2- 0-4' Comp		2						X							
11:34	1/17/2025	S		CS3- 0-4' Comp		3						X							
11:49	1/17/2025	S		CS4- 0-4' Comp		4						X							
11:56	1/17/2025	S		CS5- 0-4' Comp		5						X							
12:13	1/17/2025	S		CS6- 0-4' Comp		6						X							
12:25	1/17/2025	S		CS7- 0-4' Comp		7						X							
12:37	1/17/2025	S		CS8- 0-4' Comp		8						X							
12:48	1/17/2025	S		CS9- 0-4' Comp		9						X							
1:06	1/17/2025	S		CS10- 0-4' Comp		10						X							
Additional Instructions: W/O # 2111670																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Andrew Franco		1/17	8:05	Jasmine Alvarado		1/17	8:15												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Jasmine Alvarado		1/21	2:30	Michelle Gonzales		1-21-25	1430												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Michelle Gonzales		1-21-25	1630	[Signature]		1-21-25	1700												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
[Signature]		1-21-25	2315	Michelle K Heeler		1-22-25	0500												
Sample Matrix: S - Soil, SD - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



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Chain of Custody

Page 2 of 4

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Cotton Draw Unit 12 CTB 12				Address:		E 501140	01058-0007	X				X							
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-724-5391				Miscellaneous: Project No. 1-228-1															
Email: delrae@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
1:21	1/17/2025	S		CS11- 0-4' Comp		11						X							
1:40	1/17/2025	S		CS12- 0-4' Comp		12						X							
2:02	1/17/2025	S		CS13- 0-4' Comp		13						X							
2:24	1/17/2025	S		CS14- 0-4' Comp		14						X							
2:35	1/17/2025	S		CS15- 0-4' Comp		15						X							
2:55	1/17/2025	S		CS16- 0-4' Comp		16						X							
3:24	1/17/2025	S		CS17- 0-4' Comp		17						X							
3:36	1/17/2025	S		CS18- 0-4' Comp		18						X							
3:50	1/17/2025	S		CS19- 0-4' Comp		19						X							
4:15	1/17/2025	S		CS20- 0-4' Comp		20						X							
Additional Instructions: W/O # 21111670																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Andrew Franco		1/17	8:05	Jasmine Alvarado		1/17	8:15												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Jasmine Alvarado		1/21	2:30	Michelle Gonzales		1-21-25	1430												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Michelle Gonzales		1-21-25	1630	John M.		1.21.25	1700												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
John M.		1.21.25	2315	Keylyn R. Hees															
Sample Matrix: S - Soil, SD - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



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Envirotech Analytical Laboratory

Printed: 1/22/2025 7:45:18AM

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:	01/22/25 05:00	Work Order ID:	E501140
Phone:	(575) 631-6977	Date Logged In:	01/21/25 15:03	Logged In By:	Caitlin Mars
Email:		Due Date:	01/22/25 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Project Cotton Draw Unit 12 CTB 12 has been separated into 2 reports. WOs are E501140 & E501141. No of containers not listed on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

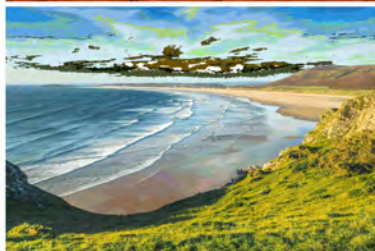
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 12 CTB 12

Work Order: E501141

Job Number: 01058-0007

Received: 1/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/22/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/22/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 12 CTB 12
Workorder: E501141
Date Received: 1/22/2025 5:00:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/22/2025 5:00:00AM, under the Project Name: Cotton Draw Unit 12 CTB 12.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 12 CTB 12 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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mgonzales@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	01/22/25 15:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21- 0-4' Comp	E501141-01A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS22- 0-4' Comp	E501141-02A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS23- 0-4' Comp	E501141-03A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS24- 0-4' Comp	E501141-04A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS25- 0-4' Comp	E501141-05A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS26- 0-4' Comp	E501141-06A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS27- 0-4' Comp	E501141-07A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW1- 0-4' Comp	E501141-08A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW2- 0-4' Comp	E501141-09A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW3- 0-4' Comp	E501141-10A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW4- 0-4' Comp	E501141-11A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW5- 0-4' Comp	E501141-12A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW6- 0-4' Comp	E501141-13A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW7- 0-4' Comp	E501141-14A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS28- 0-4' Comp	E501141-15A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS21- 0-4' Comp

E501141-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	01/21/25	01/22/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/21/25	01/22/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	01/21/25	01/22/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/21/25	01/22/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
<i>Surrogate: n-Nonane</i>		99.8 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS22- 0-4' Comp

E501141-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.0 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.0 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	99.4 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS23- 0-4' Comp

E501141-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.1 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	99.0 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.1 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	99.0 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	99.2 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS24- 0-4' Comp

E501141-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	102 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS25- 0-4' Comp

E501141-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	96.6 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.2 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	96.6 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.2 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	102 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS26- 0-4' Comp

E501141-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.2 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.2 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	101 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS27- 0-4' Comp

E501141-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.6 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	99.0 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.6 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	99.0 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	105 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW1- 0-4' Comp

E501141-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		109 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW2- 0-4' Comp

E501141-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		101 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW3- 0-4' Comp

E501141-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.4 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	106 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.4 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	106 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	109 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW4- 0-4' Comp

E501141-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		105 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW5- 0-4' Comp

E501141-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		103 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		103 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		107 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW6- 0-4' Comp

E501141-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	94.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	104 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	94.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	104 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	108 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW7- 0-4' Comp

E501141-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		112 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS28- 0-4' Comp

E501141-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		95.2 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		95.2 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		127 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 3:08:20PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2504072-BLK1)

Prepared: 01/21/25 Analyzed: 01/22/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

LCS (2504072-BS1)

Prepared: 01/21/25 Analyzed: 01/22/25

Benzene	2.37	0.0250	2.50		94.8	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.5	70-130			
Toluene	2.29	0.0250	2.50		91.7	70-130			
o-Xylene	2.29	0.0250	2.50		91.8	70-130			
p,m-Xylene	4.60	0.0500	5.00		92.0	70-130			
Total Xylenes	6.89	0.0250	7.50		91.9	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

LCS Dup (2504072-BSD1)

Prepared: 01/21/25 Analyzed: 01/22/25

Benzene	2.33	0.0250	2.50		93.3	70-130	1.64	23	
Ethylbenzene	2.32	0.0250	2.50		92.7	70-130	1.95	27	
Toluene	2.26	0.0250	2.50		90.2	70-130	1.69	24	
o-Xylene	2.30	0.0250	2.50		92.2	70-130	0.435	27	
p,m-Xylene	4.57	0.0500	5.00		91.3	70-130	0.709	27	
Total Xylenes	6.87	0.0250	7.50		91.6	70-130	0.327	27	
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 3:08:20PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2504072-BLK1) Prepared: 01/21/25 Analyzed: 01/22/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

LCS (2504072-BS2) Prepared: 01/21/25 Analyzed: 01/22/25

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.6	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.480		0.500		95.9	70-130			

LCS Dup (2504072-BSD2) Prepared: 01/21/25 Analyzed: 01/22/25

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130	5.34	20	
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 3:08:20PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2504066-BLK1)					Prepared: 01/21/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2504066-BS1)					Prepared: 01/21/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	281	25.0	250		112	38-132			
Surrogate: n-Nonane	61.3		50.0		123	50-200			

LCS Dup (2504066-BSD1)					Prepared: 01/21/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132	3.77	20	
Surrogate: n-Nonane	61.7		50.0		123	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 3:08:20PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2504069-BLK1)					Prepared: 01/21/25 Analyzed: 01/22/25				
Chloride	ND	20.0							
LCS (2504069-BS1)					Prepared: 01/21/25 Analyzed: 01/22/25				
Chloride	257	20.0	250		103	90-110			
LCS Dup (2504069-BSD1)					Prepared: 01/21/25 Analyzed: 01/22/25				
Chloride	257	20.0	250		103	90-110	0.145	20	

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	01/22/25 15:08

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Page 3 of 4

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std							
Project Name: Cotton Draw Unit 12 CTB 12				Address:		E501141	01058-0007	X										
Project Manager: DelRae Geller				City, State, Zip:														
Address: 5614 N Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: 806-724-5391				Miscellaneous: Project No. 1-228-1														
Email: delrae@pimaoil.com																		
Sample Information				Analysis and Method														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/CRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	RGDOC - NM	TCEQ 1005	RCRA 8 Metals	Cation/Anion Pkg	EPA Program	
																	SDWA	
																	CWA	
																	RCRA	
																	Compliance	
																	Y or N	
																	PWSID #	
																	Remarks	
4:30	1/17/2025	S		CS21- 0-4' Comp			1						X					Received additional sample not listed on Coc. Added sample Per Gio. 1/22/25 Cm
4:46	1/17/2025	S		CS22- 0-4' Comp			2						X					
5:01	1/17/2025	S		CS23- 0-4' Comp			3						X					
5:26	1/17/2025	S		CS24- 0-4' Comp			4						X					
5:39	1/17/2025	S		CS25- 0-4' Comp			5						X					
6:00	1/17/2025	S		CS26- 0-4' Comp			6						X					
6:17	1/17/2025	S		CS27- 0-4' Comp			7						X					
6:34	1/17/2025	S		CSW1- 0-4' Comp			8						X					
6:42	1/17/2025	S		CSW2- 0-4' Comp			9						X					
6:59	1/17/2025	S		CSW3- 0-4' Comp			10						X					
Additional Instructions: W/O # 21111670																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Andrew Franco																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Andrew Franco		1/17	8:05	Dasmine Alvarado		1/17	8:15											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Dasmine Alvarado		1/21	2:30	Michelle Gonzales		1-21-25	1430											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Michelle Gonzales		1-21-25	1630	Ben H.		1.21.25	1700											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Ben H.		1.21.25	2315	Kathryn R. Hoke		1-22-25	0500											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



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Chain of Custody

[illegible]

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Chain of Custody

Page 3 of 4

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Cotton Draw Unit 12 CTB 12				Address:		E 501141	01058-0007	X				X							
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-724-5391				Miscellaneous: Project No. 1-228-1															
Email: delrae@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
4:30	1/17/2025	S		CS21- 0-4' Comp		1						X							
4:46	1/17/2025	S		CS22- 0-4' Comp		2						X							
5:01	1/17/2025	S		CS23- 0-4' Comp		3						X							
5:26	1/17/2025	S		CS24- 0-4' Comp		4						X							
5:39	1/17/2025	S		CS25- 0-4' Comp		5						X							
6:00	1/17/2025	S		CS26- 0-4' Comp		6						X							
6:17	1/17/2025	S		CS27- 0-4' Comp		7						X							
6:34	1/17/2025	S		CSW1- 0-4' Comp		8						X							
6:42	1/17/2025	S		CSW2- 0-4' Comp		9						X							
6:59	1/17/2025	S		CSW3- 0-4' Comp		10						X							
Additional Instructions: W/O # 21111670																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 Container type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Andrew Franco		1/17	8:05	Jasmine Alvarado		1/17	8:15												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Jasmine Alvarado		1/21	2:30	Michelle Gonzales		1-21-25	1430												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Michelle Gonzales		1-21-25	1630	John M.		1.21.25	1700												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
John M.		1.21.25	2315	Kathryn R. Heller		1-22-25	0500												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



envirotech

Envirotech Analytical Laboratory

Printed: 1/22/2025 7:42:55AM

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:	01/22/25 05:00	Work Order ID:	E501141
Phone:	(575) 631-6977	Date Logged In:	01/21/25 15:08	Logged In By:	Caitlin Mars
Email:		Due Date:	01/22/25 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Project Cotton Draw Unit 12 CTB 12 has been separated into 2 reports. WOs are E501140 & E501141. No of containers not listed on COC. Received extra sample not listed on COC. Added sample per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 01, 2025

DELRAE GELLER

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: COTTON DRAW UNIT 12 CTB 12

Enclosed are the results of analyses for samples received by the laboratory on 06/25/25 10:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
DELRAE GELLER
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	06/25/2025	Sampling Date:	06/24/2025
Reported:	07/01/2025	Sampling Type:	Water
Project Name:	COTTON DRAW UNIT 12 CTB 12	Sampling Condition:	** (See Notes)
Project Number:	1-288-1	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: PW 1 (H253800-01)

Chloride, SM4500Cl-B (Water)		mg/L	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	134000	4.00	06/25/2025	ND	92.0	92.0	100	9.09	

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
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[illegible]

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw 12 CTB 12

Work Order: E509019

Job Number: 01058-0007

Received: 9/4/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/10/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/10/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw 12 CTB 12
Workorder: E509019
Date Received: 9/4/2025 7:30:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/4/2025 7:30:00AM, under the Project Name: Cotton Draw 12 CTB 12.

The analytical test results summarized in this report with the Project Name: Cotton Draw 12 CTB 12 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	09/10/25 15:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-Surface	E509019-01A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S1-1'	E509019-02A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S1-2'	E509019-03A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S1-3'	E509019-04A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S1-4'	E509019-05A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S2-SURFACE	E509019-06A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S2-1'	E509019-07A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S2-2'	E509019-08A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S2-3'	E509019-09A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S2-4'	E509019-10A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S3-Surface	E509019-11A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S3-1'	E509019-12A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S3-2'	E509019-13A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S3-3'	E509019-14A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S3-4'	E509019-15A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S4-SURFACE	E509019-16A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S4-1'	E509019-17A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S4-2'	E509019-18A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S4-3'	E509019-19A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S4-4'	E509019-20A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S5-Surface	E509019-21A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S5-1'	E509019-22A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S5-2'	E509019-23A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S5-3'	E509019-24A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S5-4'	E509019-25A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S6-SURFACE	E509019-26A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S6-1'	E509019-27A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S6-2'	E509019-28A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S6-3'	E509019-29A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S6-4'	E509019-30A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S7-Surface	E509019-31A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S7-1'	E509019-32A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S7-2'	E509019-33A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S7-3'	E509019-34A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S7-4'	E509019-35A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S8-SURFACE	E509019-36A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S8-1'	E509019-37A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S8-2'	E509019-38A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S8-3'	E509019-39A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S8-4'	E509019-40A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.



Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	09/10/25 15:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S9-Surface	E509019-41A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S9-1'	E509019-42A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S9-2'	E509019-43A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S9-3'	E509019-44A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S9-4'	E509019-45A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S10-SURFACE	E509019-46A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S10-1'	E509019-47A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S10-2'	E509019-48A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S10-3'	E509019-49A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S10-4'	E509019-50A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S11-Surface	E509019-51A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S11-1'	E509019-52A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S11-2'	E509019-53A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S11-3'	E509019-54A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S11-4'	E509019-55A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S12-SURFACE	E509019-56A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S12-1'	E509019-57A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S12-2'	E509019-58A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S12-3'	E509019-59A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
S12-4'	E509019-60A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S1-Surface

E509019-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.0 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		106 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536043	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>		94.1 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536056	
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S1-1'

E509019-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.4 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	104 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536043	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>	102 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536056	
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S1-2'

E509019-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.5 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		105 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536043	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536056	
Chloride	95.3	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S1-3'

E509019-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536043
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536056
Chloride	479	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S1-4'

E509019-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536043
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536056
Chloride	1910	40.0	2	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S2-SURFACE

E509019-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>96.8 %</i>	<i>70-130</i>		<i>09/04/25</i>	<i>09/08/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>107 %</i>	<i>70-130</i>		<i>09/04/25</i>	<i>09/08/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536043	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>	<i>97.4 %</i>	<i>61-141</i>		<i>09/04/25</i>	<i>09/04/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536056	
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S2-1'

E509019-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.0 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	105 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536043	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>	97.3 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536056	
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S2-2'

E509019-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536043
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	99.0 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S2-3'

E509019-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536043
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S2-4'

E509019-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.3 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		106 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536043	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536056	
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S3-Surface

E509019-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.6 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536043
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
		98.6 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S3-1'

E509019-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536043
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S3-2'

E509019-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536043
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536056
Chloride	20.6	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S3-3'

E509019-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536043
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536056
Chloride	357	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S3-4'

E509019-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Benzene	ND	0.0250	1	09/04/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/08/25	
Toluene	ND	0.0250	1	09/04/25	09/08/25	
o-Xylene	ND	0.0250	1	09/04/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.9 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	104 %	70-130		09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536043	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>	97.2 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536056	
Chloride	806	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S4-SURFACE

E509019-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Benzene	ND	0.0250	1	09/04/25	09/04/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/04/25	
Toluene	ND	0.0250	1	09/04/25	09/04/25	
o-Xylene	ND	0.0250	1	09/04/25	09/04/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/04/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.9 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	105 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536043	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>	96.1 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536056	
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S4-1'

E509019-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Benzene	ND	0.0250	1	09/04/25	09/04/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/04/25	
Toluene	ND	0.0250	1	09/04/25	09/04/25	
o-Xylene	ND	0.0250	1	09/04/25	09/04/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/04/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536043
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S4-2'

E509019-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Benzene	ND	0.0250	1	09/04/25	09/04/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/04/25	
Toluene	ND	0.0250	1	09/04/25	09/04/25	
o-Xylene	ND	0.0250	1	09/04/25	09/04/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/04/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536043
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536056
Chloride	24.1	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S4-3'

E509019-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Benzene	ND	0.0250	1	09/04/25	09/04/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/04/25	
Toluene	ND	0.0250	1	09/04/25	09/04/25	
o-Xylene	ND	0.0250	1	09/04/25	09/04/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/04/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.6 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	107 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536043	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>	99.7 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536056	
Chloride	27.2	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S4-4'

E509019-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Benzene	ND	0.0250	1	09/04/25	09/04/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/04/25	
Toluene	ND	0.0250	1	09/04/25	09/04/25	
o-Xylene	ND	0.0250	1	09/04/25	09/04/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/04/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.3 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	106 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536043	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>	98.8 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536056	
Chloride	27.2	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S5-Surface

E509019-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	98.5 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	228	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S5-1'

E509019-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	362	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S5-2'

E509019-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2536044	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	99.4 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2536057	
Chloride	323	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S5-3'

E509019-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2536044	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	98.1 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2536057	
Chloride	1460	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S5-4'

E509019-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	99.2 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	802	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S6-SURFACE

E509019-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S6-1'

E509019-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.9 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.1 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S6-2'

E509019-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	99.1 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S6-3'

E509019-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	0.0284	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2536044	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2536057	
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S6-4'

E509019-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.1 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.7 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S7-Surface

E509019-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S7-1'

E509019-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	29.8	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S7-2'

E509019-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	95.6 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	275	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S7-3'

E509019-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2536044	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	97.2 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2536057	
Chloride	544	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S7-4'

E509019-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.8 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.6 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536044	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>	98.6 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2536057	
Chloride	1090	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S8-SURFACE

E509019-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	96.4 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S8-1'

E509019-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2536044
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	98.4 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2536057
Chloride	173	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S8-2'

E509019-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	0.0269	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	0.0650	0.0500	1	09/04/25	09/05/25	
Total Xylenes	0.0650	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>93.7 %</i>	<i>70-130</i>		<i>09/04/25</i>	<i>09/05/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>87.5 %</i>	<i>70-130</i>		<i>09/04/25</i>	<i>09/05/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536044	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>	<i>103 %</i>	<i>61-141</i>		<i>09/04/25</i>	<i>09/05/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2536057	
Chloride	513	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S8-3'

E509019-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Benzene	ND	0.0250	1	09/04/25	09/06/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/06/25	
Toluene	ND	0.0250	1	09/04/25	09/06/25	
o-Xylene	ND	0.0250	1	09/04/25	09/06/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/06/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.1 %	70-130	09/04/25	09/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.2 %	70-130	09/04/25	09/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536044	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2536057	
Chloride	1040	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S8-4'

E509019-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Benzene	ND	0.0250	1	09/04/25	09/06/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/06/25	
Toluene	0.0455	0.0250	1	09/04/25	09/06/25	
o-Xylene	ND	0.0250	1	09/04/25	09/06/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/06/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		09/04/25	09/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.0 %	70-130		09/04/25	09/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2536044	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2536057	
Chloride	900	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S9-Surface

E509019-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		113 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>		93.9 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S9-1'

E509019-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/04/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/04/25	
Toluene	ND	0.0250	1	09/04/25	09/04/25	
o-Xylene	ND	0.0250	1	09/04/25	09/04/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/04/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.3 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	109 %	70-130		09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>	90.9 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S9-2'

E509019-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	89.4 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	ND	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S9-3'

E509019-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	94.1 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	ND	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S9-4'

E509019-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.9 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	110 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>	93.3 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	ND	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S10-SURFACE

E509019-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	112 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2536045
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	90.2 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536059
Chloride	8670	200	10	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S10-1'

E509019-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2536045
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	87.9 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536059
Chloride	5370	100	5	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S10-2'

E509019-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	112 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2536045
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	91.5 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536059
Chloride	464	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S10-3'

E509019-49

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.6 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	110 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>	86.8 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	765	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S10-4'

E509019-50

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2536045
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	88.9 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536059
Chloride	1130	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S11-Surface

E509019-51

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2536053
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.7 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		110 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2536045
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>		90.4 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: TP		Batch: 2536059
Chloride	783	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S11-1'

E509019-52

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.5 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	110 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>	88.5 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	1640	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S11-2'

E509019-53

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.6 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		112 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>		88.4 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	447	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S11-3'

E509019-54

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2536045
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	93.2 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536059
Chloride	795	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S11-4'

E509019-55

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2536045
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>						
	88.4 %	61-141		09/04/25	09/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536059
Chloride	336	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S12-SURFACE

E509019-56

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		110 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/04/25	
<i>Surrogate: n-Nonane</i>		91.1 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	164	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S12-1'

E509019-57

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2536045
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	91.9 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536059
Chloride	339	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S12-2'

E509019-58

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2536045
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	90.8 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2536059
Chloride	346	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S12-3'

E509019-59

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	93.3 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	709	20.0	1	09/04/25	09/05/25	



Sample Data

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

Project Name: Cotton Draw 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
9/10/2025 3:59:36PM

S12-4'

E509019-60

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.6 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	111 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2536045	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>	93.0 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2536059	
Chloride	1680	20.0	1	09/04/25	09/05/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536051-BLK1) Prepared: 09/04/25 Analyzed: 09/08/25

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	7.80		8.00		97.5	70-130			

LCS (2536051-BS1) Prepared: 09/04/25 Analyzed: 09/08/25

Benzene	4.77	0.0250	5.00		95.5	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130			
Toluene	4.81	0.0250	5.00		96.1	70-130			
o-Xylene	4.79	0.0250	5.00		95.8	70-130			
p,m-Xylene	9.72	0.0500	10.0		97.2	70-130			
Total Xylenes	14.5	0.0250	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

Matrix Spike (2536051-MS1) Source: E509019-02 Prepared: 09/04/25 Analyzed: 09/08/25

Benzene	4.83	0.0250	5.00	ND	96.5	70-130			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	70-130			
Toluene	4.84	0.0250	5.00	ND	96.7	70-130			
o-Xylene	4.84	0.0250	5.00	ND	96.8	70-130			
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.7	70-130			

Matrix Spike Dup (2536051-MSD1) Source: E509019-02 Prepared: 09/04/25 Analyzed: 09/08/25

Benzene	4.50	0.0250	5.00	ND	90.0	70-130	7.02	27	
Ethylbenzene	4.48	0.0250	5.00	ND	89.6	70-130	7.10	26	
Toluene	4.51	0.0250	5.00	ND	90.2	70-130	7.04	20	
o-Xylene	4.58	0.0250	5.00	ND	91.6	70-130	5.55	25	
p,m-Xylene	9.14	0.0500	10.0	ND	91.4	70-130	6.72	23	
Total Xylenes	13.7	0.0250	15.0	ND	91.4	70-130	6.33	26	
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.7	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536052-BLK1)

Prepared: 09/04/25 Analyzed: 09/05/25

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	7.28		8.00		91.0	70-130			

LCS (2536052-BS1)

Prepared: 09/04/25 Analyzed: 09/05/25

Benzene	4.83	0.0250	5.00		96.6	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.8	70-130			
Toluene	4.82	0.0250	5.00		96.5	70-130			
o-Xylene	4.95	0.0250	5.00		99.1	70-130			
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130			
Total Xylenes	14.4	0.0250	15.0		96.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			

Matrix Spike (2536052-MS1)

Source: E509019-23

Prepared: 09/04/25 Analyzed: 09/05/25

Benzene	5.19	0.0250	5.00	ND	104	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.7	70-130			
Toluene	5.09	0.0250	5.00	ND	102	70-130			
o-Xylene	4.96	0.0250	5.00	ND	99.3	70-130			
p,m-Xylene	9.92	0.0500	10.0	ND	99.2	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			

Matrix Spike Dup (2536052-MSD1)

Source: E509019-23

Prepared: 09/04/25 Analyzed: 09/05/25

Benzene	4.94	0.0250	5.00	ND	98.7	70-130	4.93	27	
Ethylbenzene	4.75	0.0250	5.00	ND	95.0	70-130	3.79	26	
Toluene	4.83	0.0250	5.00	ND	96.6	70-130	5.23	20	
o-Xylene	4.87	0.0250	5.00	ND	97.3	70-130	2.01	25	
p,m-Xylene	9.48	0.0500	10.0	ND	94.8	70-130	4.46	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.7	70-130	3.64	26	
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536053-BLK1)

Prepared: 09/04/25 Analyzed: 09/04/25

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 (2536053-BS1)

Prepared: 09/04/25 Analyzed: 09/04/25

Benzene	4.62	0.0250	5.00		92.4	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.0	70-130			
Toluene	4.60	0.0250	5.00		92.1	70-130			
o-Xylene	4.57	0.0250	5.00		91.4	70-130			
p,m-Xylene	9.25	0.0500	10.0		92.5	70-130			
Total Xylenes	13.8	0.0250	15.0		92.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			

Matrix Spike (2536053-MS1)

Source: E509019-42

Prepared: 09/04/25 Analyzed: 09/04/25

Benzene	4.22	0.0250	5.00	ND	84.3	70-130			
Ethylbenzene	4.12	0.0250	5.00	ND	82.4	70-130			
Toluene	4.19	0.0250	5.00	ND	83.7	70-130			
o-Xylene	4.20	0.0250	5.00	ND	84.0	70-130			
p,m-Xylene	8.40	0.0500	10.0	ND	84.0	70-130			
Total Xylenes	12.6	0.0250	15.0	ND	84.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			

Matrix Spike Dup (2536053-MSD1)

Source: E509019-42

Prepared: 09/04/25 Analyzed: 09/04/25

Benzene	5.12	0.0250	5.00	ND	102	70-130	19.4	27	
Ethylbenzene	5.05	0.0250	5.00	ND	101	70-130	20.3	26	
Toluene	5.10	0.0250	5.00	ND	102	70-130	19.7	20	
o-Xylene	5.03	0.0250	5.00	ND	101	70-130	18.1	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	19.7	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	19.2	26	
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported: 9/10/2025 3:59:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536051-BLK1) Prepared: 09/04/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.40		8.00		105	70-130			

LCS (2536051-BS2) Prepared: 09/04/25 Analyzed: 09/04/25

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.74		8.00		109	70-130			

Matrix Spike (2536051-MS2) Source: E509019-02 Prepared: 09/04/25 Analyzed: 09/04/25

Gasoline Range Organics (C6-C10)	56.5	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.05		8.00		113	70-130			

Matrix Spike Dup (2536051-MSD2) Source: E509019-02 Prepared: 09/04/25 Analyzed: 09/04/25

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.1	70-130	15.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.85		8.00		111	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported: 9/10/2025 3:59:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536052-BLK1) Prepared: 09/04/25 Analyzed: 09/05/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.3	70-130			

LCS (2536052-BS2) Prepared: 09/04/25 Analyzed: 09/05/25

Gasoline Range Organics (C6-C10)	54.5	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			

Matrix Spike (2536052-MS2) Source: E509019-23 Prepared: 09/04/25 Analyzed: 09/05/25

Gasoline Range Organics (C6-C10)	55.7	20.0	50.0	ND	111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			

Matrix Spike Dup (2536052-MSD2) Source: E509019-23 Prepared: 09/04/25 Analyzed: 09/05/25

Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130	0.709	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported: 9/10/2025 3:59:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536053-BLK1) Prepared: 09/04/25 Analyzed: 09/04/25

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

LCS (2536053-BS2) Prepared: 09/04/25 Analyzed: 09/04/25

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.55		8.00		107	70-130			

Matrix Spike (2536053-MS2) Source: E509019-42 Prepared: 09/04/25 Analyzed: 09/04/25

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.80		8.00		110	70-130			

Matrix Spike Dup (2536053-MSD2) Source: E509019-42 Prepared: 09/04/25 Analyzed: 09/04/25

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130	4.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.94		8.00		112	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536043-BLK1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.9		50.0		95.9	61-141			

LCS (2536043-BS1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Diesel Range Organics (C10-C28)	266	25.0	250		107	66-144			
Surrogate: n-Nonane	49.5		50.0		98.9	61-141			

Matrix Spike (2536043-MS1)					Source: E509019-02		Prepared: 09/04/25 Analyzed: 09/04/25		
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	49.1		50.0		98.2	61-141			

Matrix Spike Dup (2536043-MSD1)					Source: E509019-02		Prepared: 09/04/25 Analyzed: 09/04/25		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156	1.65	20	
Surrogate: n-Nonane	50.7		50.0		101	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536044-BLK1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.2		50.0		94.5	61-141			

LCS (2536044-BS1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Diesel Range Organics (C10-C28)	265	25.0	250		106	66-144			
Surrogate: n-Nonane	49.0		50.0		97.9	61-141			

Matrix Spike (2536044-MS1)					Source: E509019-32		Prepared: 09/04/25 Analyzed: 09/04/25		
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			

Matrix Spike Dup (2536044-MSD1)					Source: E509019-32		Prepared: 09/04/25 Analyzed: 09/04/25		
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	56-156	4.44	20	
Surrogate: n-Nonane	49.0		50.0		98.1	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536045-BLK1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.9		50.0		87.9	61-141			

LCS (2536045-BS1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Diesel Range Organics (C10-C28)	226	25.0	250		90.4	66-144			
Surrogate: n-Nonane	44.0		50.0		88.1	61-141			

Matrix Spike (2536045-MS1)					Source: E509019-43		Prepared: 09/04/25 Analyzed: 09/04/25		
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.0	56-156			
Surrogate: n-Nonane	46.3		50.0		92.6	61-141			

Matrix Spike Dup (2536045-MSD1)					Source: E509019-43		Prepared: 09/04/25 Analyzed: 09/04/25		
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.5	56-156	0.520	20	
Surrogate: n-Nonane	46.2		50.0		92.3	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2536056-BLK1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Chloride	ND	20.0							
LCS (2536056-BS1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2536056-MS1)					Source: E509019-05		Prepared: 09/04/25 Analyzed: 09/04/25		
Chloride	2070	40.0	250	1910	64.1	80-120			M4
Matrix Spike Dup (2536056-MSD1)					Source: E509019-05		Prepared: 09/04/25 Analyzed: 09/04/25		
Chloride	2060	40.0	250	1910	58.4	80-120	0.687	20	M4



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported: 9/10/2025 3:59:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2536057-BLK1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Chloride	ND	20.0							
LCS (2536057-BS1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2536057-MS1)					Source: E509019-25		Prepared: 09/04/25 Analyzed: 09/04/25		
Chloride	1050	20.0	250	802	100	80-120			
Matrix Spike Dup (2536057-MSD1)					Source: E509019-25		Prepared: 09/04/25 Analyzed: 09/04/25		
Chloride	2780	20.0	250	802	792	80-120	90.2	20	M1



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536059-BLK1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Chloride	ND	20.0							
LCS (2536059-BS1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2536059-MS1)					Source: E509019-48		Prepared: 09/04/25 Analyzed: 09/04/25		
Chloride	833	20.0	250	464	148	80-120			M2
Matrix Spike Dup (2536059-MSD1)					Source: E509019-48		Prepared: 09/04/25 Analyzed: 09/04/25		
Chloride	798	20.0	250	464	134	80-120	4.26	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:	Cotton Draw 12 CTB 12	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	09/10/25 15:59

- M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Pima Environmental Services, LLC				Company: Devon Energy				Lab WO#		Job Number		1D		2D		3D		Std			
Project Name: Cotton Draw 12 CTB 12				Address:				E 509019		010580007								X			
Project Manager: DelRae Geller				City, State, Zip:																	
Address: 5614 North Lovington Hwy				Phone:																	
City, State, Zip: Hobbs, NM 88240				Email:																	
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-228-1																	
Email: Delrae@pimaoil.com																					
Sample Information										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA			
8:00	9/2/25	S		S1-Surface		1								X		0.8					
8:02		S		S1-1'		2								X		1.1					
8:04		S		S1-2'		3								X		1.6					
8:06		S		S1-3'		4								X		2.5					
8:10		S		S1-4'		5								X		2.3					
8:12		S		S2-SURFACE		6								X		1.7					
8:15		S		S2-1'		7								X		1.6					
8:17		S		S2-2'		8								X		1.0					
8:19		S		S2-3'		9								X		1.7					
8:21		S		S2-4'		10								X		0.9					
Additional Instructions: Billing : 21111670																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: <u>Michelle Gonzales</u>																					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>(Y) N</u>					
<u>Michelle Gonzales</u>				9/3/25		8:15		<u>Michelle Gonzales</u>				9-3-25		0915							
<u>Michelle Gonzales</u>				9-3-25		1300		<u>Marissa Gonzales</u>				9-3-25		1300							
<u>Marissa Gonzales</u>				9-3-25		2130		<u>Andrew Musso</u>				9-3-25		2130							
<u>Andrew Musso</u>				9-4-25		445		<u>Carly Mar</u>				9-4-25		730							
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Pima Environmental Services, LLC				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Cotton Draw 12 CTB 12				Address:				E 509019		D1058-0007					X	x			
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 North Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-228-1															
Email: Delrae@pimaoil.com																			
Sample Information												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metals	BEDOC - NM	BEDOC - TX	SDWA	CWA	RCRA	
8:25	9/2/25	S		S3-Surface		11								X		1.5			
8:28		S		S3-1'		12								X		1.5			
8:33		S		S3-2'		13								X		1.2			
8:34		S		S3-3'		14								X		1.6			
8:37		S		S3-4'		15								X		1.8			
8:41		S		S4-SURFACE		16								X		2.4			
8:44		S		S4-1'		17								X		2.0			
8:49		S		S4-2'		18								X		1.6			
8:52		S		S4-3'		19								X		1.3			
8:57		S		S4-4'		20								X		1.2			
Additional Instructions: Billing : 21111670																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: <u>M. DelRae</u>																			
Relinquished by: (Signature) <u>M. DelRae</u>				Date	9/2/25	Time	9:15	Received by: (Signature) <u>Michelle Gonzales</u>				Date	9-3-25	Time	09:15	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N			
Relinquished by: (Signature) <u>Michelle Gonzales</u>				Date	9-3-25	Time	1300	Received by: (Signature) <u>Marissa Gonzales</u>				Date	9-3-25	Time	1300				
Relinquished by: (Signature) <u>Marissa Gonzales</u>				Date	9-3-25	Time	2130	Received by: (Signature) <u>Andrew Musso</u>				Date	9-3-25	Time	2130				
Relinquished by: (Signature) <u>Andrew Musso</u>				Date	9-4-25	Time	445	Received by: (Signature) <u>Caitlynn</u>				Date	9-4-25	Time	730				
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Client Information				Invoice Information		Lab Use Only		TAT		State					
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Cotton Draw 12 CTB 12				Address:		E 509019	010580007				X	x			
Project Manager: DelRae Geller				City, State, Zip:											
Address: 5614 North Lovington Hwy				Phone:											
City, State, Zip: Hobbs, NM 88240				Email:											
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-228-1											
Email: Delrae@pimaoil.com															

Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
9:03	9/4/25	S		S5-Surface		21								X		1.6		
9:07		S		S5-1'		22								X		2.0		
9:10		S		S5-2'		23								X		2.4		
9:12		S		S5-3'		24								X		2.1		
9:15		S		S5-4'		25								X		0.8		
9:17		S		S6-SURFACE		26								X		1.0		
9:24		S		S6-1'		27								X		1.0		
9:29		S		S6-2'		28								X		1.6		
9:32		S		S6-3'		29								X		2.4		
9:38		S		S6-4'		30								X		2.0		

Additional Instructions: Billing : 21111670

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

Sampled by: Michael

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>9/3/25</u>	Time <u>9:15</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>9-3-25</u>	Time <u>0915</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>9-3-25</u>	Time <u>1300</u>	Received by: (Signature) <u>Mariassa Gonzales</u>	Date <u>9-3-25</u>	Time <u>1300</u>
Relinquished by: (Signature) <u>Mariassa Gonzales</u>	Date <u>9-3-25</u>	Time <u>2130</u>	Received by: (Signature) <u>Andrew Musso</u>	Date <u>9-3-25</u>	Time <u>2130</u>
Relinquished by: (Signature) <u>Andrew Musso</u>	Date <u>9-4-25</u>	Time <u>445</u>	Received by: (Signature) <u>Caitlynn</u>	Date <u>9-4-25</u>	Time <u>730</u>
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____

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

Client Information				Invoice Information		Lab Use Only		TAT		State					
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Cotton Draw 12 CTB 12				Address:		E 509019	010580007				X	X			
Project Manager: DelRae Geller				City, State, Zip:											
Address: 5614 North Lovington Hwy				Phone:											
City, State, Zip: Hobbs, NM 88240				Email:											
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-228-1											
Email: Delrae@pimaoil.com															

Sample Information						Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
9:44	9/2/25	S		S7-Surface		31								X			2.1			
9:49		S		S7-1'		32								X			1.2			
9:53		S		S7-2'		33								X			1.4			
9:57		S		S7-3'		34								X			2.0			
9:56		S		S7-4'		35								X			1.6			
10:03		S		S8-SURFACE		36								X			0.8			
10:07		S		S8-1'		37								X			0.8			
10:09		S		S8-2'		38								X			1.4			
10:15		S		S8-3'		39								X			1.2			
10:19		S		S8-4'		40								X			0.8			

Additional Instructions: Billing : 21111670

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

Sampled by: Marlon

Relinquished by: (Signature) <u>Marlon</u>	Date <u>9/3/25</u>	Time <u>9:15</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>9-3-25</u>	Time <u>0915</u>	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>9-3-25</u>	Time <u>1300</u>	Received by: (Signature) <u>Marissa Gonzales</u>	Date <u>9-3-25</u>	Time <u>1300</u>	
Relinquished by: (Signature) <u>Marissa Gonzales</u>	Date <u>9-3-25</u>	Time <u>2130</u>	Received by: (Signature) <u>Andrew Musso</u>	Date <u>9-3-25</u>	Time <u>2130</u>	
Relinquished by: (Signature) <u>Andrew Musso</u>	Date <u>9-4-25</u>	Time <u>445</u>	Received by: (Signature) <u>Carli Mar</u>	Date <u>9-4-25</u>	Time <u>730</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: Cotton Draw 12 CTB 12				Address:		E 509019	D1058-0007				X	x								
Project Manager: DelRae Geller				City, State, Zip:																
Address: 5614 North Lovington Hwy				Phone:																
City, State, Zip: Hobbs, NM 88240				Email:																
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-228-1																
Email: Delrae@pimaoil.com																				
Sample Information						Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
10:25	9/2/25	S		S9-Surface		41								X			1.2			
10:29		S		S9-1'		42								X			1.0			
10:32		S		S9-2'		43								X			1.6			
10:37		S		S9-3'		44								X			2.4			
10:39		S		S9-4'		45								X			2.0			
10:47		S		S10-SURFACE		46								X			1.6			
10:51		S		S10-1'		47								X			0.8			
10:55		S		S10-2'		48								X			1.2			
10:58		S		S10-3'		49								X			1.1			
11:04		S		S10-4'		50								X			1.0			
Additional Instructions: Billing : 21111670																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by: <i>Michelle Gonzales</i>																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N								
<i>Michelle Gonzales</i>		9/3/25		4:15		<i>Michelle Gonzales</i>		9-3-25		0915										
<i>Michelle Gonzales</i>		9-3-25		1300		<i>Mariassa Gonzales</i>		9-3-25		1300										
<i>Mariassa Gonzales</i>		9-3-25		2130		<i>Andrew Musso</i>		9-3-25		2130										
<i>Andrew Musso</i>		9-4-25		445		<i>Caitlynn</i>		9-4-25		730										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: Cotton Draw 12 CTB 12				Address:		E 509019	00580007				X	X								
Project Manager: DelRae Geller				City, State, Zip:																
Address: 5614 North Lovington Hwy				Phone:																
City, State, Zip: Hobbs, NM 88240				Email:																
Phone: (806) 724-5391				Miscellaneous: PROJECT# 1-228-1																
Email: Delrae@pimaoil.com																				
Sample Information										EPA Program										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCED 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
11:10	9/2/25	S		S11-Surface		51								X			2.2			
11:17		S		S11-1'		52								X			1.6			
11:19		S		S11-2'		53								X			2.0			
11:21		S		S11-3'		54								X			2.4			
11:25		S		S11-4'		55								X			1.2			
11:27		S		S12-SURFACE		56								X			1.0			
11:29		S		S12-1'		57								X			1.8			
11:33		S		S12-2'		58								X			1.6			
11:39		S		S12-3'		59								X			2.0			
11:42		S		S12-4'		60								X			2.2			
Additional Instructions: Billing : 21111670																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by: <u>Mark</u>																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>(Y)</u> N								
<u>Michelle Gonzalez</u>		9-3-25		1300		<u>Michelle Gonzalez</u>		9-3-25		0915										
<u>Marissa Gonzalez</u>		9-3-25		2130		<u>Marissa Gonzalez</u>		9-3-25		1300										
<u>Andrew Musso</u>		9-4-25		445		<u>Andrew Musso</u>		9-4-25		2130										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Envirotech Analytical Laboratory

Printed: 9/4/2025 10:17:16AM

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:	09/04/25 07:30	Work Order ID:	E509019
Phone:	(575) 631-6977	Date Logged In:	09/03/25 14:57	Logged In By:	Caitlin Mars
Email:		Due Date:	09/10/25 07:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Project Cotton Draw 12 CTB 12 has been separated into 2 reports. WOs are E509019 & E509020. No of containers not provided on COC.

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

Date



envirotech Inc.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 12 CTB 12

Work Order: E501141

Job Number: 01058-0007

Received: 1/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/22/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/22/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 12 CTB 12
Workorder: E501141
Date Received: 1/22/2025 5:00:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/22/2025 5:00:00AM, under the Project Name: Cotton Draw Unit 12 CTB 12.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 12 CTB 12 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	01/22/25 15:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21- 0-4' Comp	E501141-01A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS22- 0-4' Comp	E501141-02A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS23- 0-4' Comp	E501141-03A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS24- 0-4' Comp	E501141-04A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS25- 0-4' Comp	E501141-05A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS26- 0-4' Comp	E501141-06A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS27- 0-4' Comp	E501141-07A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW1- 0-4' Comp	E501141-08A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW2- 0-4' Comp	E501141-09A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW3- 0-4' Comp	E501141-10A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW4- 0-4' Comp	E501141-11A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW5- 0-4' Comp	E501141-12A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW6- 0-4' Comp	E501141-13A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CSW7- 0-4' Comp	E501141-14A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
CS28- 0-4' Comp	E501141-15A	Soil	01/17/25	01/22/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS21- 0-4' Comp

E501141-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	01/21/25	01/22/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/21/25	01/22/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	01/21/25	01/22/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/21/25	01/22/25	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
<i>Surrogate: n-Nonane</i>		99.8 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS22- 0-4' Comp

E501141-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.0 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	98.0 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	99.4 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS23- 0-4' Comp

E501141-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.1 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	99.0 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.1 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	99.0 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	99.2 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS24- 0-4' Comp

E501141-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	102 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS25- 0-4' Comp

E501141-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	96.6 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.2 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	96.6 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.2 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	102 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS26- 0-4' Comp

E501141-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.2 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.2 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	97.9 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	101 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS27- 0-4' Comp

E501141-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.6 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	99.0 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	97.6 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	99.0 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	105 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW1- 0-4' Comp

E501141-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		109 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW2- 0-4' Comp

E501141-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		101 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW3- 0-4' Comp

E501141-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.4 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	106 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	99.4 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	106 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	109 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW4- 0-4' Comp

E501141-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		105 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW5- 0-4' Comp

E501141-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		103 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		103 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		107 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW6- 0-4' Comp

E501141-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	94.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	104 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene	94.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8	104 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane	108 %	50-200		01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CSW7- 0-4' Comp

E501141-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		112 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
1/22/2025 3:08:20PM

CS28- 0-4' Comp

E501141-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		95.2 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		95.2 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/22/25	
Surrogate: n-Nonane		127 %	50-200	01/22/25	01/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2504069
Chloride	ND	20.0	1	01/22/25	01/22/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 3:08:20PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2504072-BLK1)

Prepared: 01/21/25 Analyzed: 01/22/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

LCS (2504072-BS1)

Prepared: 01/21/25 Analyzed: 01/22/25

Benzene	2.37	0.0250	2.50		94.8	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.5	70-130			
Toluene	2.29	0.0250	2.50		91.7	70-130			
o-Xylene	2.29	0.0250	2.50		91.8	70-130			
p,m-Xylene	4.60	0.0500	5.00		92.0	70-130			
Total Xylenes	6.89	0.0250	7.50		91.9	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

LCS Dup (2504072-BSD1)

Prepared: 01/21/25 Analyzed: 01/22/25

Benzene	2.33	0.0250	2.50		93.3	70-130	1.64	23	
Ethylbenzene	2.32	0.0250	2.50		92.7	70-130	1.95	27	
Toluene	2.26	0.0250	2.50		90.2	70-130	1.69	24	
o-Xylene	2.30	0.0250	2.50		92.2	70-130	0.435	27	
p,m-Xylene	4.57	0.0500	5.00		91.3	70-130	0.709	27	
Total Xylenes	6.87	0.0250	7.50		91.6	70-130	0.327	27	
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 3:08:20PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2504072-BLK1)

Prepared: 01/21/25 Analyzed: 01/22/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

LCS (2504072-BS2)

Prepared: 01/21/25 Analyzed: 01/22/25

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.6	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.480		0.500		95.9	70-130			

LCS Dup (2504072-BSD2)

Prepared: 01/21/25 Analyzed: 01/22/25

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130	5.34	20	
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 3:08:20PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2504066-BLK1)					Prepared: 01/21/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2504066-BS1)					Prepared: 01/21/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	281	25.0	250		112	38-132			
Surrogate: n-Nonane	61.3		50.0		123	50-200			

LCS Dup (2504066-BSD1)					Prepared: 01/21/25 Analyzed: 01/21/25				
Diesel Range Organics (C10-C28)	292	25.0	250		117	38-132	3.77	20	
Surrogate: n-Nonane	61.7		50.0		123	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	1/22/2025 3:08:20PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2504069-BLK1)					Prepared: 01/21/25 Analyzed: 01/22/25				
Chloride	ND	20.0							
LCS (2504069-BS1)					Prepared: 01/21/25 Analyzed: 01/22/25				
Chloride	257	20.0	250		103	90-110			
LCS Dup (2504069-BSD1)					Prepared: 01/21/25 Analyzed: 01/22/25				
Chloride	257	20.0	250		103	90-110	0.145	20	

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	01/22/25 15:08

- ND

Analyte NOT DETECTED at or above the reporting limit
- NR

Not Reported
- RPD

Relative Percent Difference
- DNI

Did Not Ignite
- DNR

Did not react with the addition of acid or base.
- Note (1):

Methods marked with ** are non-accredited methods.
- Note (2):

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Page 3 of 4

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std							
Project Name: Cotton Draw Unit 12 CTB 12				Address:		E501141	01058-0007	X										
Project Manager: DelRae Geller				City, State, Zip:														
Address: 5614 N Lovington Hwy				Phone:														
City, State, Zip: Hobbs, NM 88240				Email:														
Phone: 806-724-5391				Miscellaneous: Project No. 1-228-1														
Email: delrae@pimaoil.com																		
Sample Information				Analysis and Method														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/CRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	RGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	EPA Program	
																	SDWA	
																	CWA	
																	RCRA	
																	Compliance	
																	Y or N	
																	PWSID #	
																	Remarks	
4:30	1/17/2025	S		CS21- 0-4' Comp			1						X					Received additional sample not listed on Coc. Added sample Per Gio. 1/22/25 Cm
4:46	1/17/2025	S		CS22- 0-4' Comp			2						X					
5:01	1/17/2025	S		CS23- 0-4' Comp			3						X					
5:26	1/17/2025	S		CS24- 0-4' Comp			4						X					
5:39	1/17/2025	S		CS25- 0-4' Comp			5						X					
6:00	1/17/2025	S		CS26- 0-4' Comp			6						X					
6:17	1/17/2025	S		CS27- 0-4' Comp			7						X					
6:34	1/17/2025	S		CSW1- 0-4' Comp			8						X					
6:42	1/17/2025	S		CSW2- 0-4' Comp			9						X					
6:59	1/17/2025	S		CSW3- 0-4' Comp			10						X					
Additional Instructions: W/O # 21111670																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Andrew Franco																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent day Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Andrew Franco		1/17	8:05	Dasmine Alvarado		1/17	8:15											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Dasmine Alvarado		1/21	2:30	Michelle Gonzales		1-21-25	1430											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Michelle Gonzales		1-21-25	1630	Ben H.		1.21.25	1700											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Ben H.		1.21.25	2315	Kathryn R. Hoke		1-22-25	0500											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



envirotech

Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Pima Environmental Services, LLC				Company: Devon Energy				Lab WO#				1D				NM							
Project Name: Cotton Draw Unit 12 CTB 12				Address:				Job Number				2D				CO							
Project Manager: DelRae Geller				City, State, Zip:				E501141				3D				UT							
Address: 5614 N Lovington Hwy				Phone:				01058-0007				Std				TX							
City, State, Zip: Hobbs, NM 88240				Email:												X							
Phone: 806-724-5391				Miscellaneous: Project No. 1-228-1																			
Email: delrae@pimaoil.com																							
Sample Information												Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/CRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	HCBA 8 Metals	Cation/Anion Pig	SDWA	CWA	RCRA					
7:15	1/17/2025	S		CSW4- 0-4' Comp		11						X											
7:23	1/17/2025	S		CSW5- 0-4' Comp		12						X											
7:31	1/17/2025	S		CSW6- 0-4' Comp		13						X											
7:39	1/17/2025	S		CSW7- 0-4' Comp		14						X											
	1/17/25	S		CS28		15						X											
Additional Instructions: W/O # 21111670																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: Andrew Franco																							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on _____ Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u> Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA															
Andrew Franco		1/17	8:05	Jasmine Alvarado		1/17	8:15																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																
Jasmine Alvarado		1/21	2:30	Michelle Gonzales		1-21-25	1430																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																
Michelle Gonzales		1-21-25	1630	J.H.		1.21.23	1700																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																
J.H.		1.21.25	2315	Kendall R. Hall		1-22-25	0500																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above sample is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							



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Chain of Custody

Page 3 of 4

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Cotton Draw Unit 12 CTB 12				Address:		E 501141	01058-0007	X				X							
Project Manager: DelRae Geller				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: 806-724-5391				Miscellaneous: Project No. 1-228-1															
Email: delrae@pimaoil.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
4:30	1/17/2025	S		CS21- 0-4' Comp		1						X							
4:46	1/17/2025	S		CS22- 0-4' Comp		2						X							
5:01	1/17/2025	S		CS23- 0-4' Comp		3						X							
5:26	1/17/2025	S		CS24- 0-4' Comp		4						X							
5:39	1/17/2025	S		CS25- 0-4' Comp		5						X							
6:00	1/17/2025	S		CS26- 0-4' Comp		6						X							
6:17	1/17/2025	S		CS27- 0-4' Comp		7						X							
6:34	1/17/2025	S		CSW1- 0-4' Comp		8						X							
6:42	1/17/2025	S		CSW2- 0-4' Comp		9						X							
6:59	1/17/2025	S		CSW3- 0-4' Comp		10						X							
Additional Instructions: W/O # 21111670																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Andrew Franco																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u> Container type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Andrew Franco		1/17	8:05	Jasmine Alvarado		1/17	8:15												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Jasmine Alvarado		1/21	2:30	Michelle Gonzales		1-21-25	1430												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Michelle Gonzales		1-21-25	1630	John M.		1.21.25	1700												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
John M.		1.21.25	2315	Kathryn R. Heller		1-22-25	0500												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



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Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Pima Environmental Services, LLC				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Cotton Draw Unit 12 CTB 12				Address:				E501141		01058-0007		X				X					
Project Manager: DelRae Geller				City, State, Zip:																	
Address: 5614 N Lovington Hwy				Phone:																	
City, State, Zip: Hobbs, NM 88240				Email:																	
Phone: 806-724-5391				Miscellaneous: Project No. 1-228-1																	
Email: delrae@pimaoil.com																					
Sample Information										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA		
7:15	1/17/2025	S		CSW4- 0-4' Comp			11						X					Compliance	Y	or	N
7:23	1/17/2025	S		CSW5- 0-4' Comp			12						X					PWSID #			
7:31	1/17/2025	S		CSW6- 0-4' Comp			13						X					Remarks			
7:39	1/17/2025	S		CSW7- 0-4' Comp			14						X								
Additional Instructions: W/O # 21111670																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Andrew Franco																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent day													
Andrew Franco		1/17	8:05	Jasmine Alarado		1/17	8:15	Lab Use Only													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: Y / N													
Jasmine Alarado		1/21	2:30	Michelle Gonzales		1-21-25	1430	T1 T2 T3													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C													
Michelle Gonzales		1-21-25	1630	J. H.		1.21.25	1700	4													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
J. H.		1.21.25	2315	Kathryn R. Hays		1-22-25	0500														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
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Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Pima Environmental Services, LLC				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Cotton Draw Unit 12 CTB 12				Address:				E501141		01058-0007		X				X					
Project Manager: DelRae Geller				City, State, Zip:																	
Address: 5614 N Lovington Hwy				Phone:																	
City, State, Zip: Hobbs, NM 88240				Email:																	
Phone: 806-724-5391				Miscellaneous: Project No. 1-228-1																	
Email: delrae@pimaoil.com																					
Sample Information										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA		
7:15	1/17/2025	S		CSW4- 0-4' Comp			11						X					Compliance	Y	or	N
7:23	1/17/2025	S		CSW5- 0-4' Comp			12						X					PWSID #			
7:31	1/17/2025	S		CSW6- 0-4' Comp			13						X					Remarks			
7:39	1/17/2025	S		CSW7- 0-4' Comp			14						X								
Additional Instructions: W/O # 21111670																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Andrew Franco																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent day													
Andrew Franco		1/17	8:05	Jasmine Alarado		1/17	8:15	Lab Use Only													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: Y / N													
Jasmine Alarado		1/21	2:30	Michelle Gonzales		1-21-25	1430	T1 T2 T3													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C													
Michelle Gonzales		1-21-25	1630	J. H.		1.21.25	1700	4													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
J. H.		1.21.25	2315	Kathryn R. Hays		1-22-25	0500														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
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Envirotech Analytical Laboratory

Printed: 1/22/2025 7:42:55AM

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:	01/22/25 05:00	Work Order ID:	E501141
Phone:	(575) 631-6977	Date Logged In:	01/21/25 15:08	Logged In By:	Caitlin Mars
Email:		Due Date:	01/22/25 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Project Cotton Draw Unit 12 CTB 12 has been separated into 2 reports. WOs are E501140 & E501141. No of containers not listed on COC. Received extra sample not listed on COC. Added sample per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Delrae Geller



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 12 CTB 12

Work Order: E510074

Job Number: 01058-0007

Received: 10/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/13/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 10/13/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 12 CTB 12
Workorder: E510074
Date Received: 10/7/2025 6:30:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/7/2025 6:30:00AM, under the Project Name: Cotton Draw Unit 12 CTB 12.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 12 CTB 12 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/13/25 11:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-5'	E510074-01A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S1-6'	E510074-02A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S1-7'	E510074-03A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S12-5'	E510074-04A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S12-6'	E510074-05A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S12-7'	E510074-06A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S10-6'	E510074-07A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S10-5'	E510074-08A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S7-5'	E510074-09A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S3-5'	E510074-10A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S8-5'	E510074-11A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S5-5'	E510074-12A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.
S7-6'	E510074-13A	Soil	10/03/25	10/07/25	Glass Jar, 4 oz.



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S1-5'

E510074-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	10/07/25	10/08/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.6 %	70-130	10/07/25	10/08/25	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	10/07/25	10/08/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.6 %	70-130	10/07/25	10/08/25	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		99.0 %	61-141	10/08/25	10/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	1380	20.0	1	10/08/25	10/08/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S1-6'

E510074-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		107 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		85.9 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		95.7 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		107 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		85.9 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		95.7 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
Surrogate: n-Nonane		98.6 %	61-141	10/08/25	10/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	1100	20.0	1	10/08/25	10/08/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S1-7'

E510074-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		106 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		85.9 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		96.2 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		106 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		85.9 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		96.2 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		98.0 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/25	10/08/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S12-5'

E510074-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		105 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		87.4 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		96.7 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		105 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		87.4 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		96.7 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		111 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	2060	20.0	1	10/08/25	10/08/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S12-6'

E510074-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		86.4 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		97.0 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		86.4 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		97.0 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		108 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	2590	40.0	2	10/08/25	10/08/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S12-7'

E510074-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		85.4 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		95.0 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		85.4 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		95.0 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		106 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/25	10/08/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S10-6'

E510074-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		86.8 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		95.5 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		86.8 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		95.5 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		108 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/25	10/08/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S10-5'

E510074-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		83.4 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		95.8 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/07/25	10/08/25	
Surrogate: 1,2-Dichloroethane-d4		83.4 %	70-130	10/07/25	10/08/25	
Surrogate: Toluene-d8		95.8 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		104 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	689	20.0	1	10/08/25	10/09/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S7-5'

E510074-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
Surrogate: Bromofluorobenzene		105 %	70-130	10/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	10/07/25	10/09/25	
Surrogate: Toluene-d8		95.5 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
Surrogate: Bromofluorobenzene		105 %	70-130	10/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	10/07/25	10/09/25	
Surrogate: Toluene-d8		95.5 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		103 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/25	10/09/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S3-5'

E510074-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		85.6 %	70-130	10/07/25	10/09/25	
Surrogate: Toluene-d8		94.9 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		85.6 %	70-130	10/07/25	10/09/25	
Surrogate: Toluene-d8		94.9 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		103 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/25	10/09/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S8-5'

E510074-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130	10/07/25	10/09/25	
Surrogate: Toluene-d8		93.8 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130	10/07/25	10/09/25	
Surrogate: Toluene-d8		93.8 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		101 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/25	10/09/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S5-5'

E510074-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
Surrogate: Bromofluorobenzene		106 %	70-130	10/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		84.3 %	70-130	10/07/25	10/09/25	
Surrogate: Toluene-d8		95.8 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
Surrogate: Bromofluorobenzene		106 %	70-130	10/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		84.3 %	70-130	10/07/25	10/09/25	
Surrogate: Toluene-d8		95.8 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		102 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/25	10/09/25	



Sample Data

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

Project Name: Cotton Draw Unit 12 CTB 12
Project Number: 01058-0007
Project Manager: Delrae Geller

Reported:
10/13/2025 11:28:03AM

S7-6'

E510074-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	10/07/25	10/09/25	
Surrogate: Toluene-d8		95.0 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	10/07/25	10/09/25	
Surrogate: Toluene-d8		95.0 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		104 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/25	10/09/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/13/2025 11:28:03AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2541059-BLK1) Prepared: 10/07/25 Analyzed: 10/09/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.427		0.500		85.3	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

LCS (2541059-BS1) Prepared: 10/07/25 Analyzed: 10/08/25

Benzene	2.28	0.0250	2.50		91.2	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.7	70-130			
Toluene	2.30	0.0250	2.50		91.9	70-130			
o-Xylene	2.41	0.0250	2.50		96.5	70-130			
p,m-Xylene	4.94	0.0500	5.00		98.8	70-130			
Total Xylenes	7.35	0.0250	7.50		98.1	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.456		0.500		91.2	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

Matrix Spike (2541059-MS1) Source: E510074-06 Prepared: 10/07/25 Analyzed: 10/08/25

Benzene	2.27	0.0250	2.50	ND	90.9	48-131			
Ethylbenzene	2.40	0.0250	2.50	ND	95.8	45-135			
Toluene	2.27	0.0250	2.50	ND	90.7	48-130			
o-Xylene	2.43	0.0250	2.50	ND	97.0	43-135			
p,m-Xylene	4.96	0.0500	5.00	ND	99.2	43-135			
Total Xylenes	7.38	0.0250	7.50	ND	98.4	43-135			
Surrogate: Bromofluorobenzene	0.536		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.443		0.500		88.6	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

Matrix Spike Dup (2541059-MSD1) Source: E510074-06 Prepared: 10/07/25 Analyzed: 10/08/25

Benzene	2.38	0.0250	2.50	ND	95.2	48-131	4.64	23	
Ethylbenzene	2.53	0.0250	2.50	ND	101	45-135	5.44	27	
Toluene	2.40	0.0250	2.50	ND	95.9	48-130	5.64	24	
o-Xylene	2.55	0.0250	2.50	ND	102	43-135	5.10	27	
p,m-Xylene	5.28	0.0500	5.00	ND	106	43-135	6.32	27	
Total Xylenes	7.83	0.0250	7.50	ND	104	43-135	5.92	27	
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.434		0.500		86.7	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/13/2025 11:28:03AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2541059-BLK1)

Prepared: 10/07/25 Analyzed: 10/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.427		0.500		85.3	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

LCS (2541059-BS2)

Prepared: 10/07/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.443		0.500		88.6	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

Matrix Spike (2541059-MS2)

Source: E510074-06

Prepared: 10/07/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.5	70-130			
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.442		0.500		88.3	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			

Matrix Spike Dup (2541059-MSD2)

Source: E510074-06

Prepared: 10/07/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130	2.90	20	
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.422		0.500		84.3	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/13/2025 11:28:03AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2541074-BLK1)					Prepared: 10/08/25 Analyzed: 10/08/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.5		50.0		99.1	61-141			

LCS (2541074-BS1)					Prepared: 10/08/25 Analyzed: 10/08/25				
Diesel Range Organics (C10-C28)	258	25.0	250		103	66-144			
Surrogate: n-Nonane	50.4		50.0		101	61-141			

Matrix Spike (2541074-MS1)					Source: E510074-09		Prepared: 10/08/25 Analyzed: 10/08/25		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	51.8		50.0		104	61-141			

Matrix Spike Dup (2541074-MSD1)					Source: E510074-09		Prepared: 10/08/25 Analyzed: 10/08/25		
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	3.99	20	
Surrogate: n-Nonane	53.7		50.0		107	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/13/2025 11:28:03AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2541092-BLK1)					Prepared: 10/08/25 Analyzed: 10/08/25				
Chloride	ND	20.0							
LCS (2541092-BS1)					Prepared: 10/08/25 Analyzed: 10/08/25				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2541092-MS1)					Source: E510059-01		Prepared: 10/08/25 Analyzed: 10/08/25		
Chloride	405	20.0	250	156	99.5	80-120			
Matrix Spike Dup (2541092-MSD1)					Source: E510059-01		Prepared: 10/08/25 Analyzed: 10/08/25		
Chloride	408	20.0	250	156	101	80-120	0.752	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	10/13/25 11:28

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Pima Environmental Services, LLC				Company: <u>Devon Gray</u>		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: <u>Cotton Draw Unit 12 CUB 12</u>				Address:		<u>E 510074</u>	<u>01058-0007</u>				<u>X</u>	<u>X</u>						
Project Manager: <u>Delkue Guelter</u>				City, State, Zip:														
Address: <u>5614 North Lovington Hwy</u>				Phone:														
City, State, Zip: <u>Hobbs, NM 88240</u>				Email:														
Phone: <u>(505) 724-5391</u>				Miscellaneous: <u>PROJECT</u>														
Email: <u>delkue@pimail.com</u>																		
Sample Information												EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
<u>9:06 AM</u>	<u>10-03-25</u>	<u>S</u>		<u>S1-5'</u>		<u>1</u>								<u>X</u>				
<u>8:15 AM</u>				<u>S1-6'</u>		<u>2</u>												
<u>8:21 AM</u>				<u>S1-7'</u>		<u>3</u>												
<u>8:24 AM</u>				<u>S12-5'</u>		<u>4</u>												
<u>8:46 AM</u>				<u>S12-6'</u>		<u>5</u>												
<u>8:53 AM</u>				<u>S12-7'</u>		<u>6</u>												
<u>9:04 AM</u>				<u>S10-6'</u>		<u>7</u>												
<u>9:13 AM</u>				<u>S10-5'</u>		<u>8</u>												
<u>9:22 AM</u>				<u>S7-5'</u>		<u>9</u>												
<u>9:31 AM</u>				<u>S3-5'</u>		<u>10</u>												
Additional Instructions: Billing :																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: <u>Marlon Garcia</u>																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N										
<u>Marlon Garcia</u>		<u>10-03-25</u>	<u>4:00 PM</u>	<u>Michelle Gonzales</u>		<u>10-6-25</u>	<u>1330</u>											
<u>Michelle Gonzales</u>		<u>10-6-25</u>	<u>1530</u>	<u>Marissa Gonzales</u>		<u>10-6-25</u>	<u>1530</u>											
<u>Marissa Gonzales</u>		<u>10-6-25</u>	<u>2020</u>	<u>Andrew Musso</u>		<u>10-6-25</u>	<u>2020</u>											
<u>Andrew Musso</u>		<u>10-7-25</u>	<u>0100</u>	<u>Nae Sot</u>		<u>10-7-25</u>	<u>0630</u>											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Page 2 of 2

Client Information						Invoice Information						Lab Use Only								TAT				State			
Client: Pima Environmental Services, LLC						Company: Devon Energy						Lab WO# E 510674				Job Number 010580007				1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Cotton Draw Unit 12 C&B 12						Address:														X							
Project Manager: DelRae Geller						City, State, Zip:																					
Address: 5614 North Lovington Hwy						Phone:																					
City, State, Zip: Hobbs, NM 88240						Email:																					
Phone: (505) 774-5391						Miscellaneous: PROJECT																					
Email: delrae@pimaoil.com																											
Sample Information														Analysis and Method										EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Sample Temp	Remarks		
9:45 AM	10-03-25	S		S8-5'		11									X									2.6			
9:53 AM				S5-5'		12																		2.0			
10:05 AM				S7-6'		13																		2.2			
Additional Instructions: Billing :																											
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																											
Sampled by: Marlon Garcia																											
Relinquished by: (Signature) Marlon Garcia		Date 10-03-25		Time 4:00 PM		Received by: (Signature) Michelle Gonzales		Date 10-6-25		Time 1330		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y N															
Relinquished by: (Signature) Michelle Gonzales		Date 10-6-25		Time 1530		Received by: (Signature) Marissa Gonzales		Date 10-6-25		Time 1530																	
Relinquished by: (Signature) Marissa Gonzales		Date 10-6-25		Time 2020		Received by: (Signature) Andrew Musso		Date 10-6-25		Time 2020																	
Relinquished by: (Signature) Andrew Musso		Date 10-7-25		Time 0600		Received by: (Signature) Nae Sato		Date 10-7-25		Time 0630																	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																											
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																											
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																											

Envirotech Analytical Laboratory

Printed: 10/7/2025 10:09:41AM

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:	10/07/25 06:30	Work Order ID:	E510074
Phone:	(806) 724-5391	Date Logged In:	10/06/25 16:36	Logged In By:	Caitlin Mars
Email:	delrac@pimaoil.com	Due Date:	10/13/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

No. of containers not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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 522403

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2232225056
Incident Name	NAPP2232225056 COTTON DRAW UNIT 12 CTB 12 @ FAPP2223533376
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2223533376] COTTON DRAW UNIT 12 CTB 12

Location of Release Source

Please answer all the questions in this group.

Site Name	COTTON DRAW UNIT 12 CTB 12
Date Release Discovered	11/17/2022
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 Pipeline (Any) Produced Water Released: 11 BBL Recovered: 0 BBL Lost: 11 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	Flowback on site noticed gasket on poly flange was shooting water from the side of the flange. The valve was isolated to stop the leak. Fluids were not in a containment, and were on the pad. Fluids went offsite.. There were no standing fluids for trucks to recover.

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QUESTIONS, Page 2

Action 522403

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522403
	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	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 11/03/2025
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QUESTIONS, Page 3

Action 522403

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	8670
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	12/03/2025
On what date will (or did) the final sampling or liner inspection occur	12/15/2025
On what date will (or was) the remediation complete(d)	12/31/2025
What is the estimated surface area (in square feet) that will be reclaimed	1800
What is the estimated volume (in cubic yards) that will be reclaimed	342
What is the estimated surface area (in square feet) that will be remediated	1800
What is the estimated volume (in cubic yards) that will be remediated	342
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 522403

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 522403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 11/03/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 522403

QUESTIONS (continued)

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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 522403

QUESTIONS (continued)

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

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	421109
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/17/2025
What was the (estimated) number of samples that were to be gathered	35
What was the sampling surface area in square feet	5351

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
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CONDITIONS

Action 522403

CONDITIONS

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	Action Number: 522403
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. The "spill area" outlined on the new site map will need 5-point composite confirmation soil samples conducted within the entire boundary of that area. Please collect confirmation closure samples, representing no more than 200 ft2. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site receptor characterization/proven depth to water determination. Please make sure that the edge of the release extent is accurately defined. 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 off-pad areas must meet reclamation standards in the OCD Spill Rule.	11/26/2025