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		Constituent & Limits												
(Appendix A)	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

<u>NAPP2232225056</u>: 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.

	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')												
DEVON ENERGY - COTTON DRAW UNIT 12 CTB 12													
Sample [1/18/202			NM	Approve	d Laborat	ory Resu	lts						
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					
	1'	ND	ND	ND	ND	ND	0	53.8					
S-1	2'	ND	ND	ND	ND	ND	0	ND					
	3'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	227					
S-2	2'	ND	ND	ND	ND	ND	0	72.8					
	3'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
S-3	2'	ND	ND	ND	ND	ND	0	29.5					
	3'	ND	ND	ND	ND	ND	0	ND					
	1'	ND	ND	ND	ND	ND	0	ND					
S-4	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 places 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: 1-1	L 7-25		NN	Approv	ed Labora	atory Resi	ults						
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/k g					
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					



	NIV		able 1 Closu oth to Grou				:				
DEVON ENERGY Cotton Draw Unit 12 CTB 12											
Date: 1-	17-25		NN	1 Approv	ed Labora	atory Res	ults				
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/k g			
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

NMOC	D Table 1	Closure C	riteria 19.1	5.29 NMA	C (Depth t	o Ground	water is 51-1	100')
		DEV	ON ENERG	Y Cotton [Draw 12 CT	B 12		
Date: 9-2-2	5			NM Appro	oved Labor	atory Res	ults	
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
S1	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
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
S2	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
S3	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
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
S4	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
	Surface	ND	ND	ND	ND	ND	ND	228
	1'	ND	ND	ND	ND	ND	ND	362
S5	2'	ND	ND	ND	ND	ND	ND	323
	3'	ND	ND	ND	ND	ND	ND	1460
	4'	ND	ND	ND	ND	ND	ND	802
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
S6	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	29.8
S 7	2'	ND	ND	ND	ND	ND	ND	275
	3'	ND	ND	ND	ND	ND	ND	544
	4'	ND	ND	ND	ND	ND	ND	1090



NMOC	D Table 1	Closure C	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')											
		DEV	ON ENERGY	Y Cotton [Draw 12 CT	B 12								
Date: 9-2-2	5		1	NM Appro	oved Labor	atory Res	ults							
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg						
	Surface	ND	ND	ND	ND	ND	ND	ND						
S8	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						
	Surface	ND	ND	ND	ND	ND	ND	ND						
	1'	ND	ND	ND	ND	ND	ND	ND						
S9	2'	ND	ND	ND	ND	ND	ND	ND						
	3'	ND	ND	ND	ND	ND	ND	ND						
	4'	ND	ND	ND	ND	ND	ND	ND						
	Surface	ND	ND	ND	ND	ND	ND	8670						
	1'	ND	ND	ND	ND	ND	ND	5370						
S10	2'	ND	ND	ND	ND	ND	ND	464						
	3'	ND	ND	ND	ND	ND	ND	765						
	4'	ND	ND	ND	ND	ND	ND	1130						
	Surface	ND	ND	ND	ND	ND	ND	783						
	1'	ND	ND	ND	ND	ND	ND	1640						
S11	2'	ND	ND	ND	ND	ND	ND	447						
	3'	ND	ND	ND	ND	ND	ND	795						
	4'	ND	ND	ND	ND	ND	ND	336						
	Surface	ND	ND	ND	ND	ND	ND	164						
	1'	ND	ND	ND	ND	ND	ND	339						
S12	2'	ND	ND	ND	ND	ND	ND	346						
	3'	ND	ND	ND	ND	ND	ND	709						
	4'	ND	ND	ND	ND	ND	ND	1680						
	Surface	ND	ND	ND	ND	ND	ND	1770						
	1'	ND	ND	ND	ND	ND	ND	677						
S13	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						
	Surface	ND	ND	ND	ND	ND	ND	ND						
	1'	ND	ND	ND	ND	ND	ND	ND						
SW1	2'	ND	ND	ND	ND	ND	ND	ND						
	3'	ND	ND	ND	ND	ND	ND	ND						
	4'	ND	ND	ND	ND	ND	ND	ND						



NMOC	D Table 1	Closure C	riteria 19.1	5.29 NM <i>A</i>	C (Depth t	o Ground	water is 51-1	.00')
		DEV	ON ENERG	Y Cotton [Draw 12 CT	B 12		
Date: 9-2-2	5			NM Appro	oved Labor	atory Res	ults	
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Surface	ND	ND	ND	ND	ND	ND	ND
İ	1'	ND	ND	ND	ND	ND	ND	ND
SW2	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
SW3	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
SW4	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
SW5	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
SW6	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
SW7	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
	Surface	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
SW8	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND



NMOC	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				
	Surface	ND	ND	ND	ND	ND	ND	ND				
	1'	ND	ND	ND	ND	ND	ND	ND				
SW9	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

NMOC	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					
	5'	ND	ND	ND	ND	ND	ND	1380					
S1	6'	ND	ND	ND	ND	ND	ND	1100					
	7'	ND	ND	ND	ND	ND	ND	ND					
	5'	ND	ND	ND	ND	ND	ND	2060					
S12	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					
310	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:

1. 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.



- 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@dvn.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

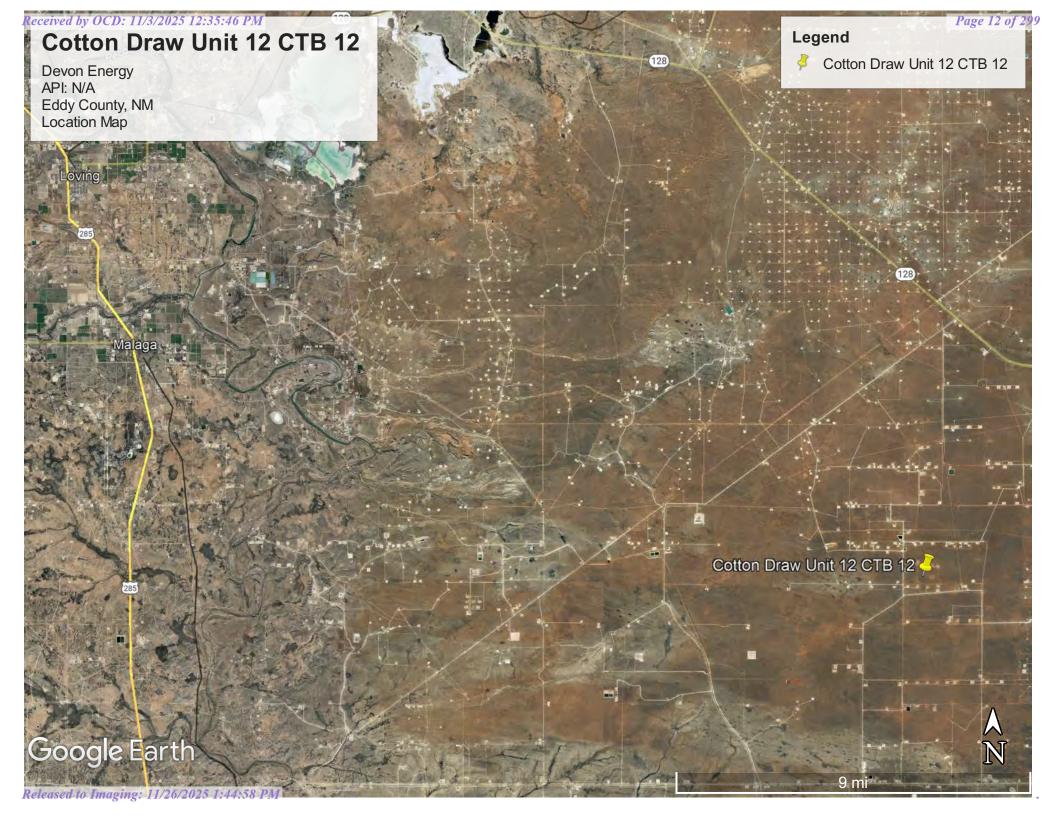
Appendix D – Photographic Documentation

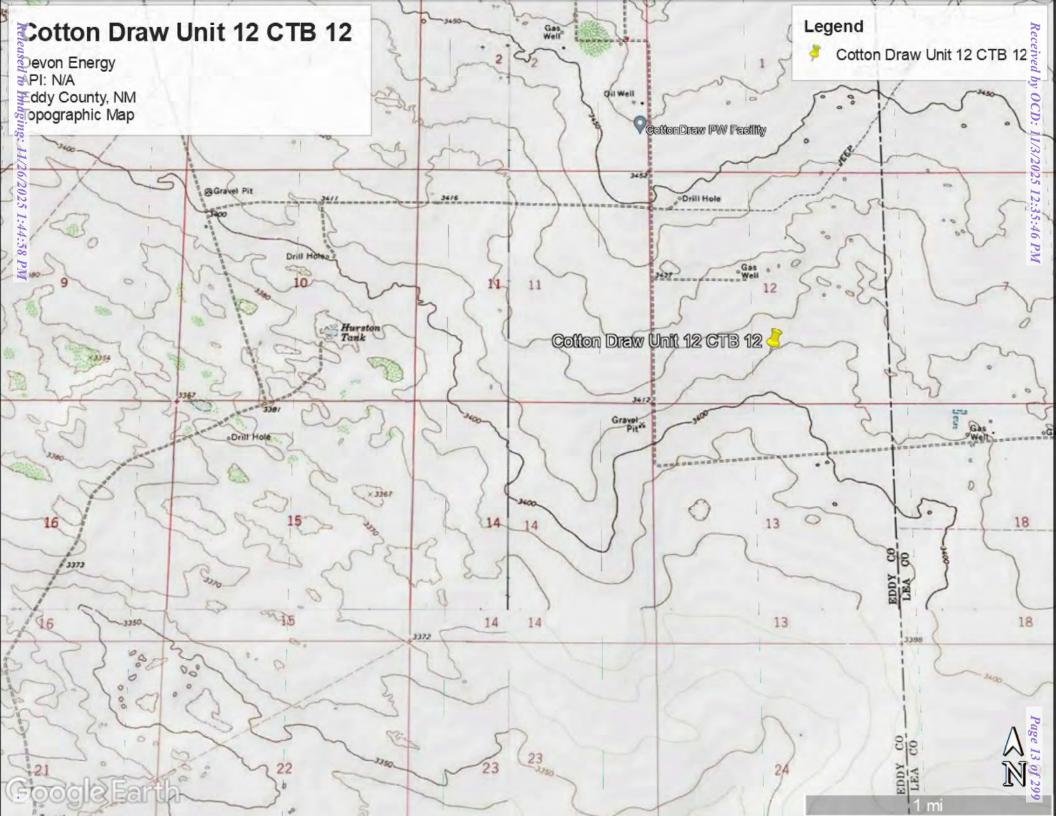
Appendix E – Laboratory Reports

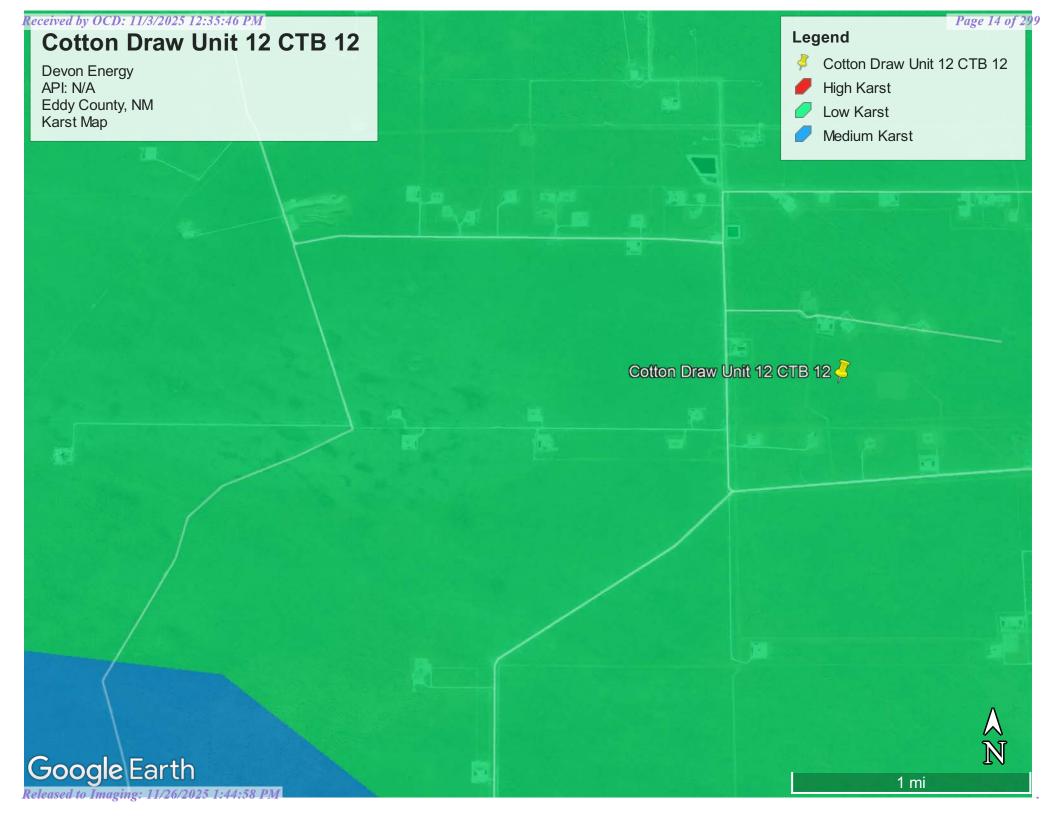


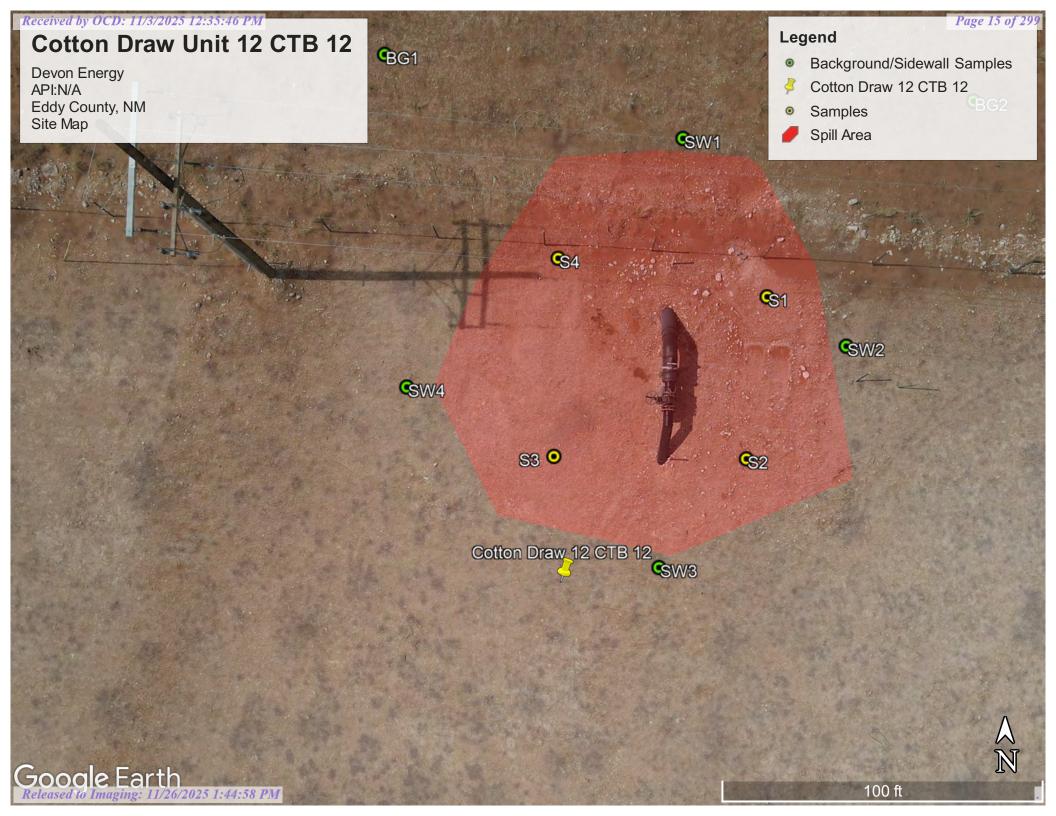
Figures:

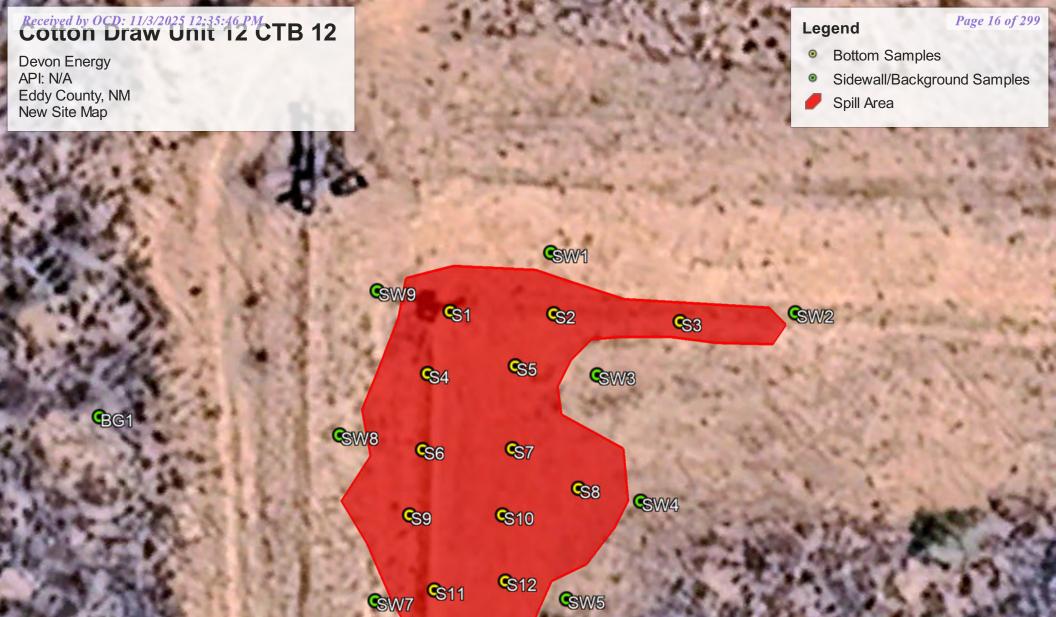
- 1-Location Map
- 2-Topographic Map
- 3-Karst Map
- 4-Site Map
- 5-New Site Map
- 6-Proposed Excavation Map









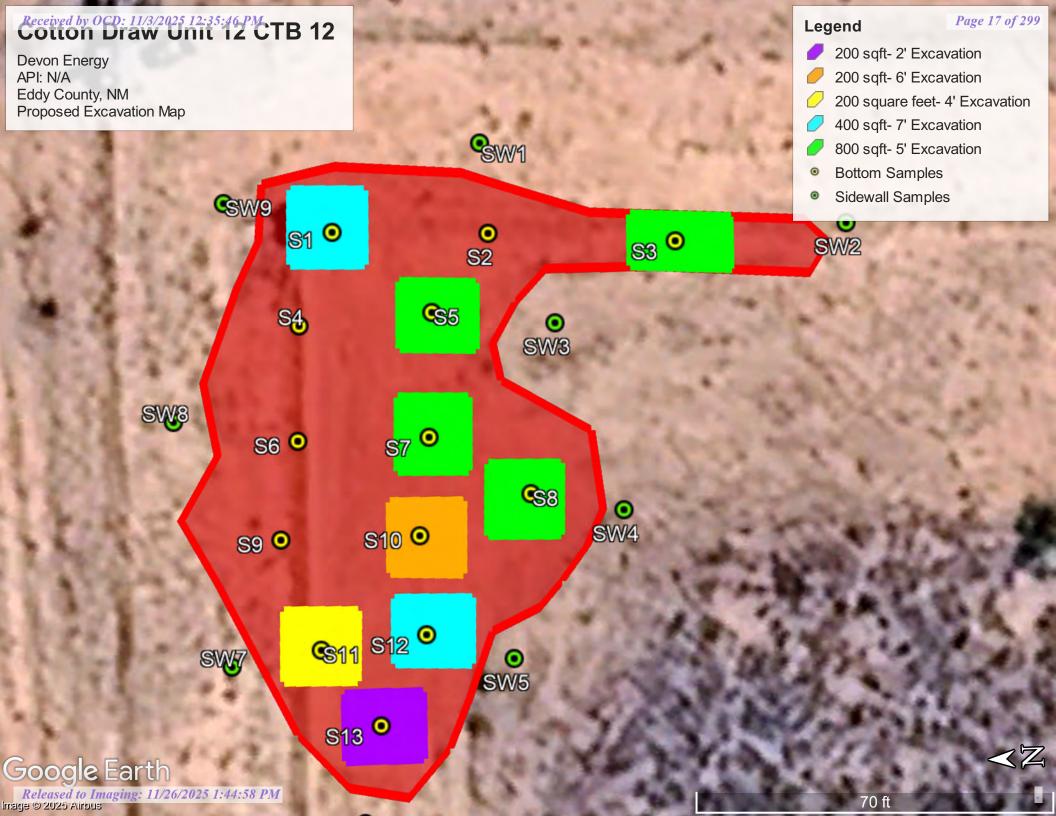


CS13

SW6









Appendix A

Water Surveys:

OSE

USGS

Surface Water Map

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates (R=POD has the POD has been been replaced replaced, O=orphaned, & no longer serves a water C=the file is (quarters are right file.) closed) smallest to largest) (NAD83 UTM in meters) (In fee Sub Well **POD Number** Code basin **Q64** Q16 Q4 Range X Distance Depth County Sec Tws Map 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 ΝE 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 ΝE 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 ΝE 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 34 245 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 25 245 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 35 245 31E 617394.3 3561170.0 4976 Averac Minim Maxim 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

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Point of Diversion Summary

NAD83 UTM in meters quarters are smallest to largest Well Tag **POD Nbr Q64** Q16 Q4 Sec Tws Rng Χ Υ Map NA C 04792 POD1 NW SW SE 12 **25S** 31E 619687.5 3556651.9

quarters are 1=NW 2=NE 3=SW 4=SE

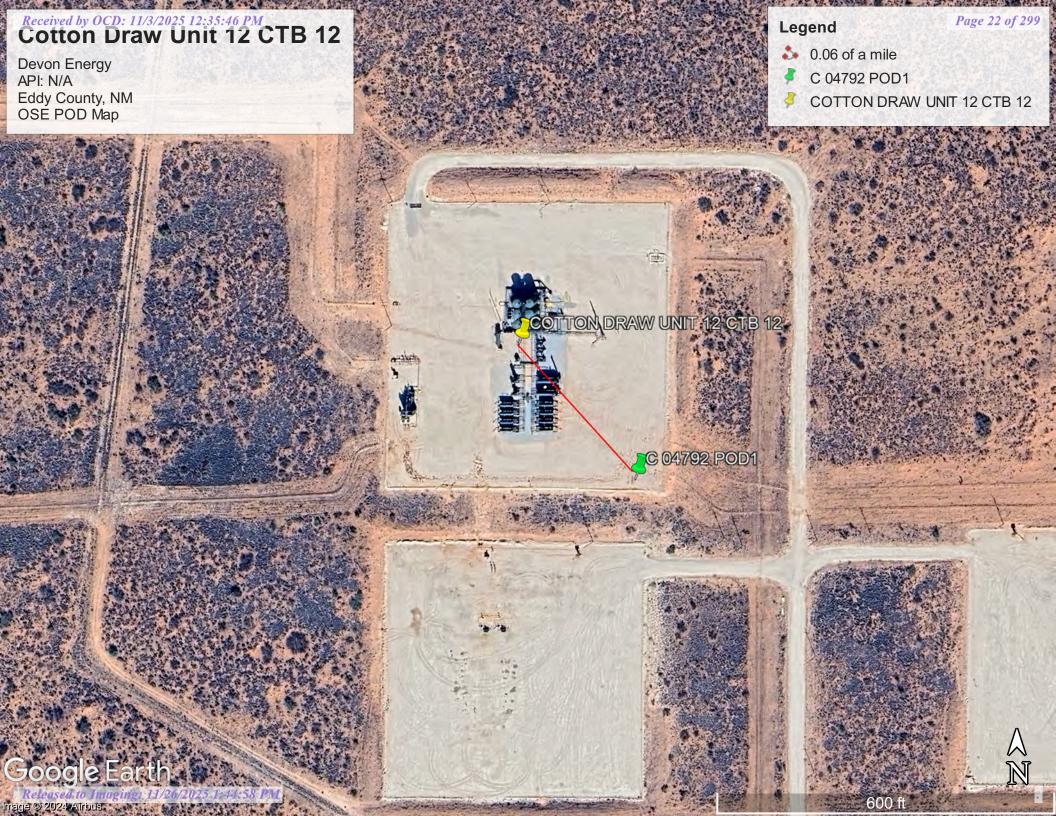
* UTM location was derived from PLSS - see Help

Driller License: Driller Company: 1833 VISION RESOURCES, INC **Driller Name:** JASON MALEY **Drill Start Date: Drill Finish Date:** 2024-02-06 Plug Date: 2024-02-10 2024-02-06 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.

12/9/24 8:00 AM MST Point of Diversion Summary

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USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

• 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

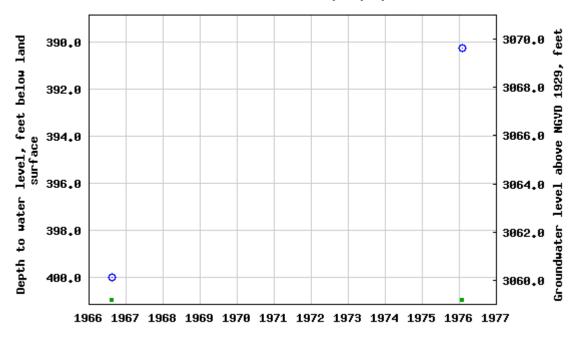
Available data for this site Groundwater: Field measurements GO

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	

USGS 320932103443801 255.31E.02.23441



- Period of approved data

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

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

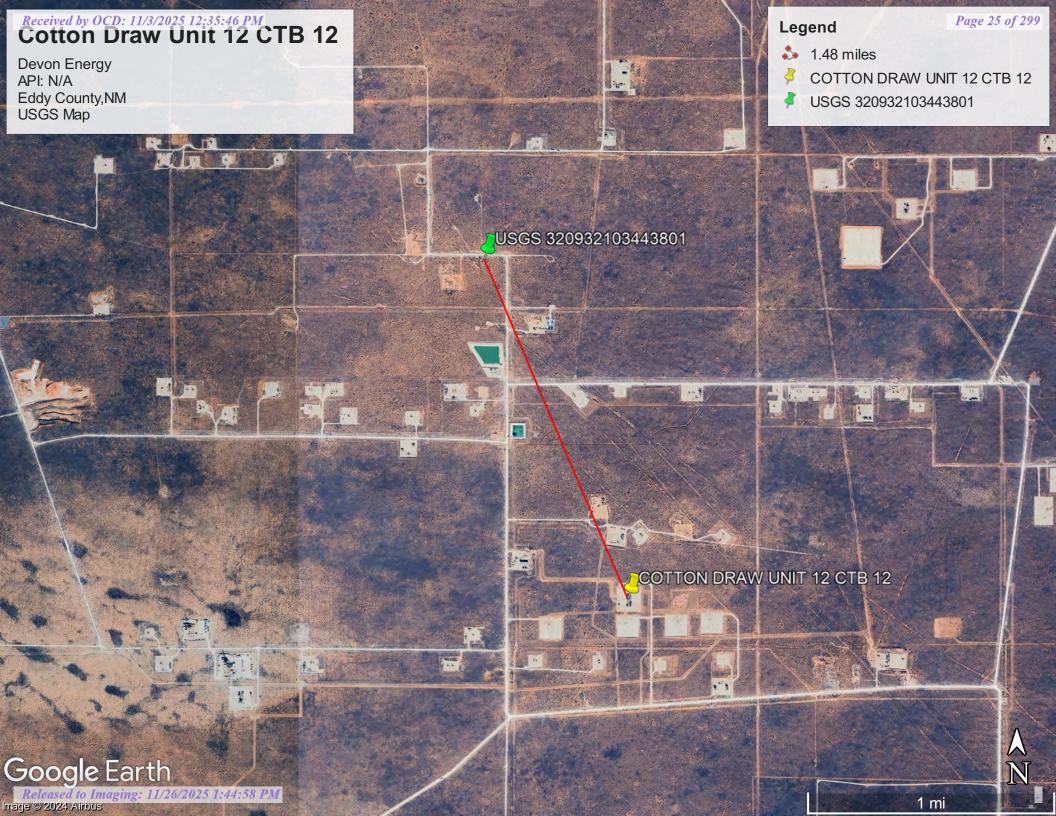
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

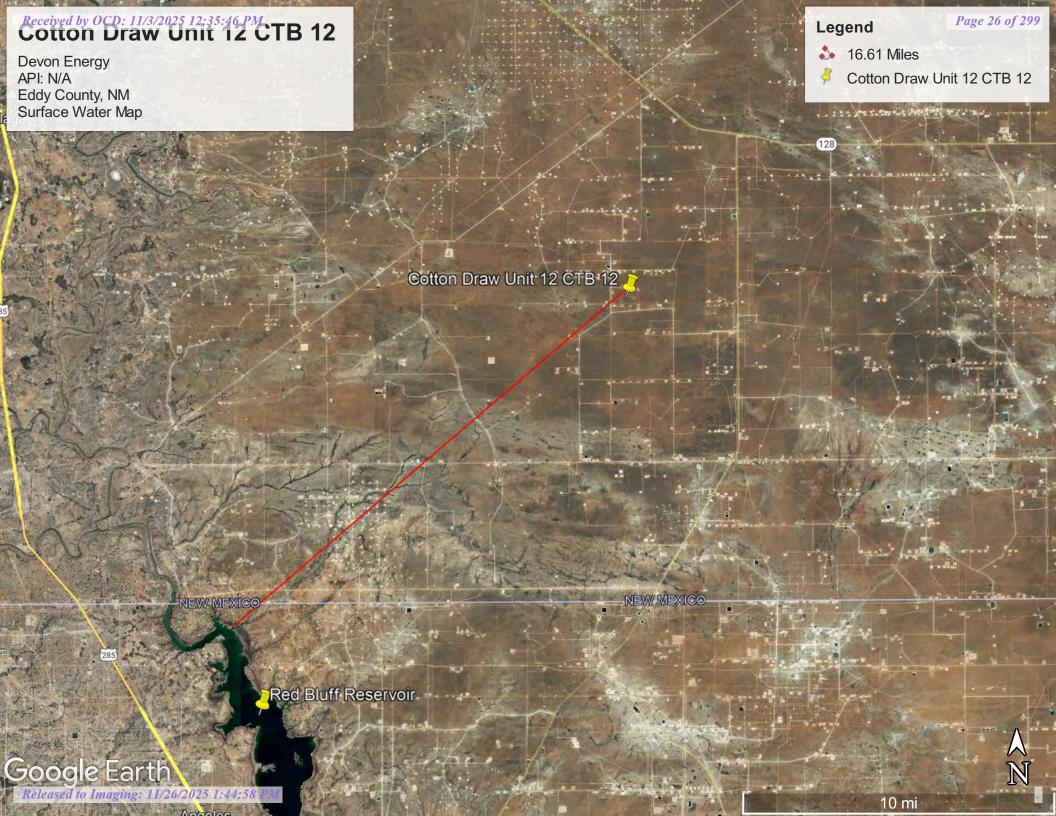
Page Contact Information: <u>USGS Water Data Support Team</u>

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

0.78 0.69 nadww01









Appendix B

Soil Survey & Geological Data FEMA Flood Map Wetlands Map

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)

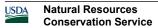
Sodium adsorption ratio, maximum: 1.0

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

inches)

Interpretive groups

Land capability classification (irrigated): None specified



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

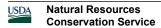
Percent of map unit: 4 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Cacique

Percent of map unit: 4 percent



Ecological site: R070BD004NM - Sandy Hydric soil rating: No

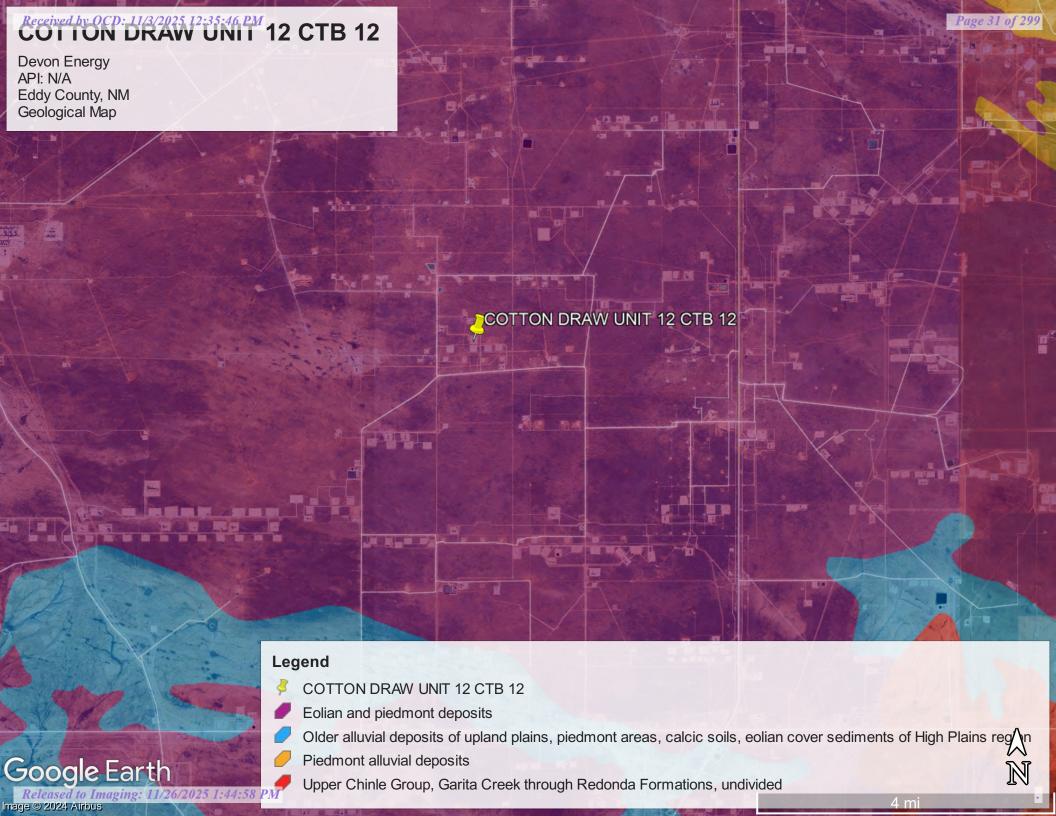
Kermit

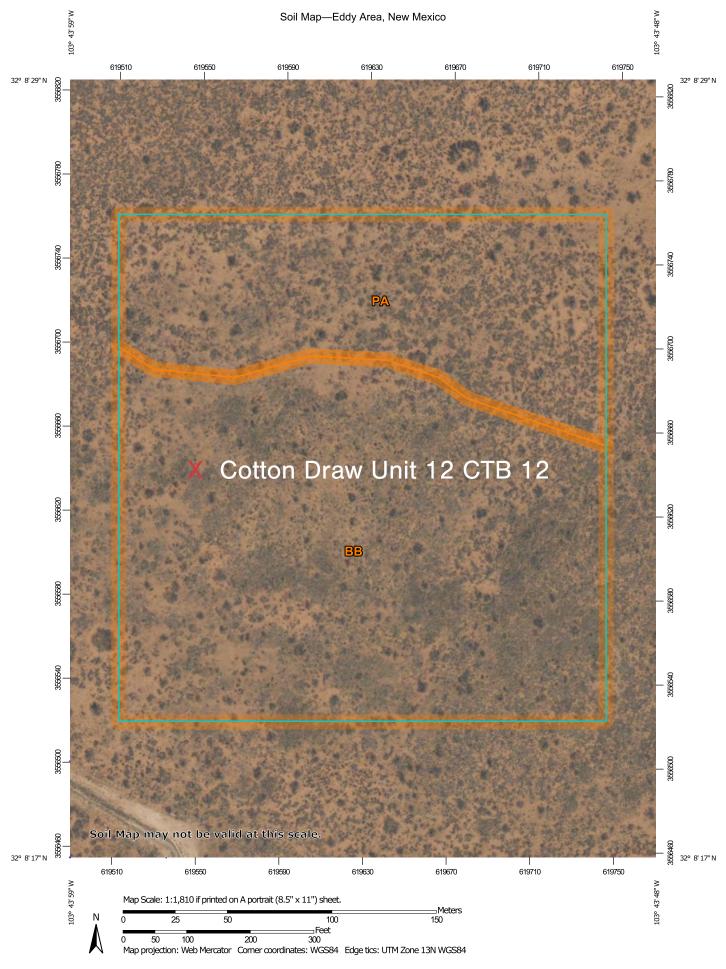
Percent of map unit: 3 percent Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 18, Sep 8, 2022





Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot

Spoil Area



Stony Spot Very Stony Spot



Wet Spot Other



Special Line Features

Water Features

Streams and Canals

Transportation

Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

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

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

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.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
ВВ	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 FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD

NO SCREEN Area of Minimal Flood Hazard Zone X

Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D

- -- - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall

> 20.2 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**

FEATURES Hydrographic Feature

OTHER

MAP PANELS

Digital Data Available No Digital Data Available

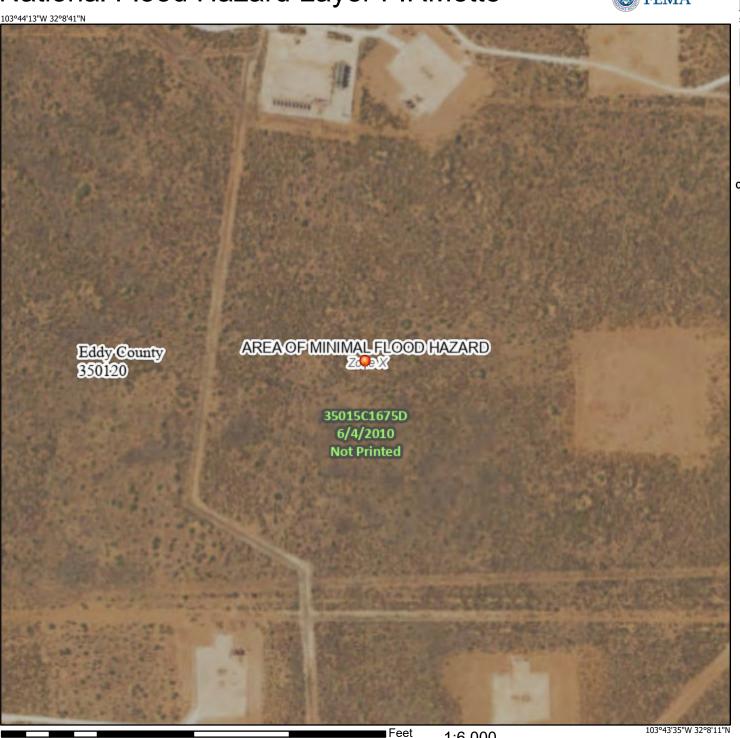
Unmapped

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.

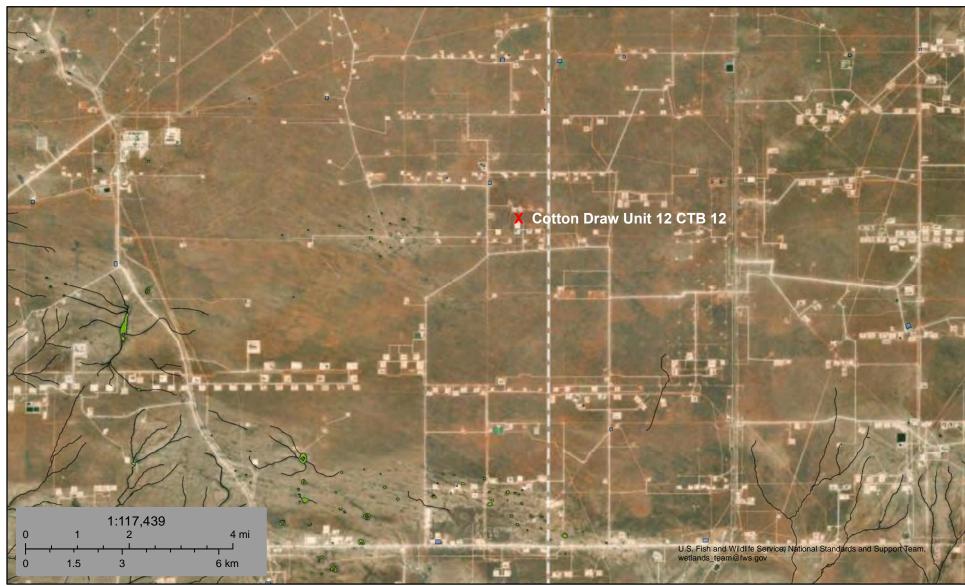


1:6,000

2.000 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020



Wetlands Map



January 12, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

Lake

Freshwater Forested/Shrub Wetland Other

Riverine

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



Appendix 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					137		
Contact Name Dale Woodall				Contact Te	Contact Telephone		
Contact ema	^{il} Dale.Wo	odall@dvn.con	n	Incident #	(assigned by OCD)	
			vers Hwy Artes	ia, NM 88210			
				a b l c			
			Location	of Release So			
Latitude 32	140656	6		Longitude _	Longitude -103.731437		
			(NAD 83 in dec	cimal degrees to 5 decin	nal places)		
Site Name Co	otton Draw	/ Unit 12 CTB 1	2	Site Type (Dil		
		11/17/2022		API# (if app	licable)		
TT '. T		T 1:	I p		,		
Unit Letter	Section	Township	Range	Coun		_	
0	12	25S	31E	Edo	ly		
Surface Owner	r: State	Federal T1	ribal 🔲 Private (<i>l</i>	Name:)	
	_					,	
			Nature and	l Volume of I	Release		
				calculations or specific		e volumes provided below)	
Crude Oil	1	Volume Release	ed (bbls)		Volume Recovered (bbls)		
Produced	Water	Volume Release	ed (bbls) 11 BBLS	3	Volume Recovered (bbls) 0 BBLS		
			tion of total dissolv water >10,000 mg		☐ Yes ☐ N	10	
Condensa	ite	Volume Release			Volume Reco	overed (bbls)	
☐ Natural Gas Volume Released (Mcf)				Volume Reco	overed (Mcf)		
Other (describe) Volume/Weight Released (provide units		e units)	Volume/Wei	ght Recovered (provide units)			
Cause of Rel	ease Leak	developed on	trunk line.				
		астогоров от					

Received by OCD: 11/3/2025 12:35546 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

73		73	20	-	A.	$\alpha \alpha$
P	$T \mathbf{o}$	0	39e	OT.	12.	99
	05				<i>ia</i> ,	_
_	. 0					

Incident ID	nAPP2232225056
District RP	
Facility ID	
Application ID	

Was this a major If YES, for release as defined by	or what reason(s) does the respo	nsible party consider this a major release?			
19.15.29.7(A) NMAC?					
☐ Yes ■ No					
If YES, was immediate notice given	to the OCD? By whom? To wi	hom? When and by what means (phone, email, etc)?			
	Initial R	esponse			
The responsible party must und	lertake the following actions immediate	ly unless they could create a safety hazard that would result in injury			
■ The source of the release has bee	en stonned				
■ The impacted area has been secu	• •	the environment.			
Released materials have been con	ntained via the use of berms or	dikes, absorbent pads, or other containment devices.			
■ All free liquids and recoverable r	naterials have been removed ar	d managed appropriately.			
If all the actions described above hav	e <u>not</u> been undertaken, explain	why:			
		remediation immediately after discovery of a release. If remediation			
		efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.			
		best of my knowledge and understand that pursuant to OCD rules and			
public health or the environment. The ac	eceptance of a C-141 report by the G	ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have			
		eat to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws			
and/or regulations.	•				
Printed Name: Kendra Ruiz EHS Associate					
Signature: Kendra Ruiz		Date: 12/1/2022			
_{email:} Kendra.Ruiz@dvn	ı.com	Telephone: 575-748-0167			
OCD Only					
OCD Only		40/04/0000			
Received by:Jocelyn Harim	ion	Date:12/01/2022			

Sp	oill Volume(Bbls) Calculator
i.	nputs in blue, Ou	tputs in red
Co	ontaminated Soil r	measurement
Length(Ft)	(Ft) Width(Ft) Depth(Ft)	
130	40.000	0.080
Cubic Feet of S	Soil Impacted	416.000
Barrels of So	il Impacted	74.15
Soil T	ype	Clay/Sand
Barrels of Oil Assuming 100% Saturation		11.12
Saturation Fluid p		ent when squeezed
Estimated Barrels of Oil Released		5.56
	Free Standing Fl	uid Only
Length(Ft)	Width(Ft)	Depth(Ft)
<u>0</u>	0.000	0.000
Standing fluid		0.000
		10.00

11.123

Total fluids spilled

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

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

CONDITIONS

Created B	y Condition	Condition Date
rhamlet	None	3/1/2023

te of New Mexico

Incident ID NA DR2222225056

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?	<50(ft bgs)			
Did this release impact groundwater or surface water?	Yes X No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes 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)?	Yes X No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes 🗓 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?	Yes X No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No			
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No			
Are the lateral extents of the release overlying a subsurface mine?	Yes No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No			
Are the lateral extents of the release within a 100-year floodplain?	Yes X No			
Did the release impact areas not on an exploration, development, production, or storage site?	Yes 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.				
 X Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. X Field data X Data table of soil contaminant concentration data X Depth to water determination X Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs X Photographs including date and GIS information X Topographic/Aerial maps X 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.

Received by OCD: 11/3/2025 12:35:46 PM Form C-141 State of New Mexico Oil Conservation Division Page 4

		Page	43	of.	<u> 299</u>
)	NAPP2232	222505	66		

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:				

Received by OCD: 11/3/2025 12:35:46 PM Form C-141 State of New Mexico Oil Conservation Division Page 6

Page 44 of 299 NAPP2232225056

Incident ID 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.				
X A scaled site and sampling diagram as described in 19.15.29.11 NMAC				
X 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)				
X Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)			
Description of remediation activities				
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and rem human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulat restore, reclaim, and re-vegetate the impacted surface area to the con accordance with 19.15.29.13 NMAC including notification to the OC	ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ions. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in			
Signature:	Date:			
email:dale.woodall@dvn.com Te	elephone: <u>575-748-1839</u>			
OCD Only				
Received by:	Date:			
	of liability should their operations have failed to adequately investigate and vater, human health, or the environment nor does not relieve the responsible r 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:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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	[fAPP2223533376] 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				
Please answer all the questions in this group.				
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:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	421109
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

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



Appendix D

Photographic Documentation



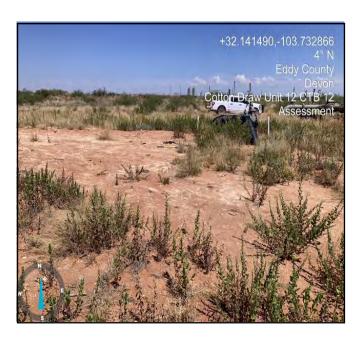
PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Cotton Draw Unit 12 CTB 12

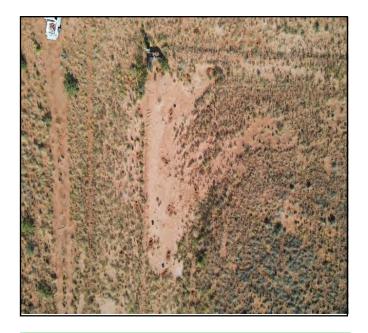
Assessment:



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.



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

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

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

Respectfully,

Walter Hinchman

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

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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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	Reported:
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.

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	1/24/2023 12:05:27PM

BG-1 E301110-01

		E501110-01					
Analyte	Result	Reporting Limit		ution	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		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	
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		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	
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	



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	1/24/2023 12:05:27PM

BG-2 E301110-02

		2001110 02					
Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
				Analyst:		7 mary zea	Batch: 2303071
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Anaryst		01/20/22	Batch: 23030/1
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	· · · · · · · · · · · · · · · · · · ·



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	1/24/2023 12:05:27PM

SW-1

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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	1/24/2023 12:05:27PM

SW-2

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	Α	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	A	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	Α	analyst: BA		Batch: 2303077
Amons by EPA 500.0/9050A	<u> </u>					



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	1/24/2023 12:05:27PM

SW-3

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IX	ď		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	I	Analyst: IX	Y		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	A	Analyst: R	AS		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	A	Analyst: B	A		Batch: 2303077



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	1/24/2023 12:05:27PM

SW-4

		Reporting					
Analyte	Result	Limit	Dilut	ion Prepa	ared A	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2303071
Benzene	ND	0.0250	1	01/20	0/23	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	0/23	01/20/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/20	0/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20	0/23	01/20/23	
Surrogate: Toluene-d8		92.2 %	70-130	01/20	0/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2303071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20	0/23	01/20/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/20	0/23	01/20/23	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	01/20	0/23	01/20/23	
Surrogate: Toluene-d8		92.2 %	70-130	01/20	0/23	01/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	0/23	01/21/23	
Surrogate: n-Nonane		105 %	50-200	01/20	0/23	01/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2303077



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	1/24/2023 12:05:27PM

S-1 1'

E301110-07 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2303071 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 01/20/23 01/20/23 ND 0.0250 Benzene 1 01/20/23 01/20/23 Ethylbenzene ND 0.0250ND 0.0250 01/20/23 01/20/23 Toluene 1 01/20/23 01/20/23 o-Xylene ND 0.025001/20/23 01/20/23 ND 0.0500 p,m-Xylene 01/20/23 01/20/23 1 Total Xylenes ND 0.0250 01/20/23 01/20/23 Surrogate: Bromofluorobenzene 105 % 70-130 01/20/23 Surrogate: 1,2-Dichloroethane-d4 113 % 70-130 01/20/23 Surrogate: Toluene-d8 94.0 % 70-130 01/20/2301/20/23 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2303071 ND 1 01/20/23 01/20/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 105 % 01/20/23 01/20/23 70-130 01/20/23 01/20/23 Surrogate: 1,2-Dichloroethane-d4 113 % 70-130 Surrogate: Toluene-d8 01/20/23 01/20/23 94.0 % 70-130 mg/kg Analyst: RAS Batch: 2303063 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 01/21/23 ND 25.0 1 01/20/23 Diesel Range Organics (C10-C28) ND 50.0 1 01/20/23 01/21/23 Oil Range Organics (C28-C36) 93.9 % 50-200 01/20/2301/21/23Surrogate: n-Nonane

mg/kg

20.0

Analyst: BA

01/20/23

01/20/23

1

mg/kg

53.8

Batch: 2303077

Anions by EPA 300.0/9056A

Chloride

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	1/24/2023 12:05:27PM

S-1 2'

		E301110-08						
Reporting								
Analyte	Result	Limit	Diluti	tion Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	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	А	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	А	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	Α	Analyst: BA		Batch: 2303077		
· · · · · · · · · · · · · · · · · · ·								



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	1/24/2023 12:05:27PM

S-1 3' E301110-09

A 1.	D. I	Reporting			D 1		N.
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY	7		Batch: 2303071
Benzene	ND	0.0250	1	l	01/20/23	01/20/23	
Ethylbenzene	ND	0.0250	1	l	01/20/23	01/20/23	
Toluene	ND	0.0250	1	l	01/20/23	01/20/23	
p-Xylene	ND	0.0250	1	l	01/20/23	01/20/23	
o,m-Xylene	ND	0.0500	1	l	01/20/23	01/20/23	
Total Xylenes	ND	0.0250	1	Į	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	7		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: R	AS		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	<u> </u>	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: B	A		Batch: 2303077
Chloride	ND	20.0	1	l	01/20/23	01/20/23	



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	1/24/2023 12:05:27PM

S-2 1' E301110-10

	Reporting					
Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: IY			Batch: 2303071
ND	0.0250	1		01/20/23	01/20/23	
ND	0.0250	1		01/20/23	01/20/23	
ND	0.0250	1		01/20/23	01/20/23	
ND	0.0250	1		01/20/23	01/20/23	
ND	0.0500	1		01/20/23	01/20/23	
ND	0.0250	1		01/20/23	01/20/23	
	103 %	70-130		01/20/23	01/20/23	
	116 %	70-130		01/20/23	01/20/23	
	93.4 %	70-130		01/20/23	01/20/23	
mg/kg	mg/kg	A	Analyst: IY			Batch: 2303071
ND	20.0	1	Į.	01/20/23	01/20/23	
	103 %	70-130		01/20/23	01/20/23	
	116 %	70-130		01/20/23	01/20/23	
	93.4 %	70-130		01/20/23	01/20/23	
mg/kg	mg/kg	I	Analyst: RA	S		Batch: 2303063
ND	25.0	1		01/20/23	01/23/23	
ND	50.0	1		01/20/23	01/23/23	
	97.6 %	50-200		01/20/23	01/23/23	
mg/kg	mg/kg		Analyst: BA			Batch: 2303077
	ND N	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 I16 % 93.4 % mg/kg mg/kg ND 20.0 103 % 116 % 93.4 % 93.4 % mg/kg mg/kg ND 25.0 ND 50.0	Reporting Result Limit Dilu mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 116 % 70-130 1 93.4 % 70-130 1 mg/kg mg/kg 1 nD 20.0 1 116 % 70-130 1 93.4 % 70-130 1 mg/kg mg/kg 1 ND 25.0 1 ND 50.0 1	Reporting Result Limit Dilution mg/kg mg/kg Analyst: IY ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 Inday 70-130 Inday 70-130 mg/kg mg/kg Analyst: IY ND 20.0 1 Inday 70-130 1 mg/kg mg/kg Analyst: RA ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 01/20/23 ND 0.0250 1 01/20/23 ND 0.0250 1 01/20/23 ND 0.0250 1 01/20/23 ND 0.0500 1 01/20/23 ND 0.0250 1 01/20/23 ND 70-130 01/20/23 116 % 70-130 01/20/23 mg/kg mg/kg Analyst: IY ND 20.0 1 01/20/23 116 % 70-130 01/20/23 116 % 70-130 01/20/23 93.4 % 70-130 01/20/23 mg/kg mg/kg Analyst: RAS ND 25.0 1 01/20/23 ND 50.0 1 01/20/23	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 01/20/23 01/20/23 ND 0.0250 1 01/20/23 01/20/23 ND 0.0250 1 01/20/23 01/20/23 ND 0.0500 1 01/20/23 01/20/23 ND 0.0250 1 01/20/23 01/20/23 ND 0.0250 1 01/20/23 01/20/23 ND 0.0250 1 01/20/23 01/20/23 103 % 70-130 01/20/23 01/20/23 93.4 % 70-130 01/20/23 01/20/23 mg/kg mg/kg Analyst: IY ND 20.0 1 01/20/23 01/20/23 103 % 70-130 01/20/23 01/20/23 116 % 70-130 01/20/23 01/20/23 93.4 % 70-130 01/20/23 01/20/23



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	1/24/2023 12:05:27PM

S-2 2'

		E301110-11						
Reporting								
Analyte	Result	Limit	Dilı	ıtion	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		



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	1/24/2023 12:05:27PM

S-2 3'

		E301110-12						
Reporting								
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2303071	
Benzene	ND	0.0250	1	1	01/20/23	01/20/23		
Ethylbenzene	ND	0.0250	1	1	01/20/23	01/20/23		
Toluene	ND	0.0250	1	1	01/20/23	01/20/23		
o-Xylene	ND	0.0250	1	1	01/20/23	01/20/23		
p,m-Xylene	ND	0.0500	1	1	01/20/23	01/20/23		
Total Xylenes	ND	0.0250	1	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: I	Y		Batch: 2303071	
Gasoline Range Organics (C6-C10)	ND	20.0	1	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: R	AS		Batch: 2303063	
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/20/23	01/21/23		
Oil Range Organics (C28-C36)	ND	50.0	1	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: B	A		Batch: 2303077	
· · · · · · · · ·								

20.0

01/20/23

01/20/23

ND

Chloride

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	1/24/2023 12:05:27PM

S-3 1' E301110-13

	_	Reporting	_			
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	P	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	A	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	A	Analyst: BA		Batch: 2303077
Chloride	ND	20.0	1	01/20/23	01/20/23	



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	1/24/2023 12:05:27PM

S-3 2'

E301110-14 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2303071 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 01/20/23 01/20/23 ND 0.0250 Benzene 1 01/20/23 01/20/23 Ethylbenzene ND 0.0250ND 0.0250 01/20/23 01/20/23 Toluene 1 01/20/23 01/20/23 o-Xylene ND 0.025001/20/23 01/20/23 ND 0.0500 p,m-Xylene 01/20/23 01/20/23 1 Total Xylenes ND 0.0250 01/20/23 01/20/23 Surrogate: Bromofluorobenzene 101 % 70-130 01/20/23 Surrogate: 1,2-Dichloroethane-d4 115 % 70-130 01/20/23 Surrogate: Toluene-d8 93.2 % 70-130 01/20/2301/20/23 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2303071 ND 1 01/20/23 01/20/23 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 101 % 01/20/23 01/20/23 70-130 115 % 01/20/23 01/20/23 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 01/20/23 01/20/23 93.2 % 70-130 mg/kg Analyst: RAS Batch: 2303063 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 01/21/23 ND 25.0 1 01/20/23 Diesel Range Organics (C10-C28) ND 50.0 1 01/20/23 01/21/23 Oil Range Organics (C28-C36) 103 % 50-200 01/20/2301/21/23Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: BA Batch: 2303077

20.0

29.5

1

01/20/23

01/20/23



Chloride

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	1/24/2023 12:05:27PM

S-3 3'

		E301110-15				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: 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	Ar	nalyst: 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	Ar	nalyst: 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	Ar	nalyst: BA		Batch: 2303077
Allons by EPA 500.0/9050A	mg/Kg	mg ng				Batem 28 08 07 7



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	1/24/2023 12:05:27PM

S-4 1'

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: BA		Batch: 2303077
Allions by ETA 500:0/7050A						



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	1/24/2023 12:05:27PM

S-4 2'

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: BA		Batch: 2303077

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	1/24/2023 12:05:27PM

S-4 3'

E301110-18

		2001110 10					
Austra	D14	Reporting		4:	D 1	A	Natar
Analyte	Result	Limit	Dili	ution	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	



Benzene

QC Summary Data

Cotton Draw 12 Unit 12 Pima Environmental Services-Carlsbad Project Name: 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 Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2303071-BLK1) Prepared: 01/20/23 Analyzed: 01/20/23 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 o-Xylene ND 0.0250 ND p,m-Xylene 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 0.459 0.500 91.7 70-130 Surrogate: Toluene-d8 LCS (2303071-BS1) Prepared: 01/20/23 Analyzed: 01/20/23

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:	E301109-0)1	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	

2.50

126

70-130

Benzene	=	0.0250					
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	

0.0250

3.14

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

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

M. J. J	^ · · · · · · · · · · · · · · · · · · ·	L EDA	0015D	CDO
Nonhalogenated	Organics	DV EPA	80151) -	CTKO

Analyst: IY

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

•	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2303071-BLK1)							Prepared: 0	1/20/23 Ana	alyzed: 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: 0	1/20/23 Ana	alyzed: 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:	E301109-0	01	Prepared: 0	1/20/23 Ana	alyzed: 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:	E301109-0	01	Prepared: 0	1/20/23 Ana	alyzed: 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

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				1	/24/2023 12:05:27PM	
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KM										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2303063-BLK1)							Prepared: 0	1/20/23 An	alyzed: 01/21/23	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
urrogate: n-Nonane	52.8		50.0		106	50-200				
LCS (2303063-BS1)							Prepared: 0	1/20/23 An	alyzed: 01/21/23	
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132				
urrogate: n-Nonane	51.6		50.0		103	50-200				
Matrix Spike (2303063-MS1)				Source:	E301110-1	18	Prepared: 0	1/20/23 An	alyzed: 01/21/23	
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132				
urrogate: n-Nonane	49.6		50.0		99.3	50-200				
Matrix Spike Dup (2303063-MSD1)				Source:	E301110-1	18	Prepared: 0	1/20/23 An	alyzed: 01/21/23	
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132	0.0582	20		
'urrogate: n-Nonane	50.7		50.0		101	50-200				



Chloride

Chloride

Matrix Spike Dup (2303077-MSD1)

QC Summary Data

Pima Environmental Services-Carlsba PO Box 247 Plains TX, 79355-0247	d	Project Name: Project Number: Project Manager	: 0	Cotton Draw 12 1058-0007 Com Bynum	Unit 12			1	Reported:	
Anions by EPA 300.0/9056A								Analyst: BA		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2303077-BLK1)							Prepared: 0	1/20/23 Ar	nalyzed: 01/20/23	
Chloride	ND	20.0								
LCS (2303077-BS1)							Prepared: 0	1/20/23 Ar	nalyzed: 01/20/23	
Chloride	259	20.0	250		104	90-110				
Matrix Spike (2303077-MS1)				Source:	E301109-	01	Prepared: 0	1/20/23 Ar	nalyzed: 01/20/23	

250

250

40.0

40.0

ND

103

104

Source: E301109-01

80-120

80-120

0.755

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

20

257

259

QC Summary Report Comment:

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



Definitions and Notes

ſ	Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 Unit 12	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	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
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	EF	A Pr	ogra	m
	CV	VA	SD	NΑ
			RC	RA
_	Sta	ite		
0	UT	AZ	TX	
- 4	Rem	arks		

Client: Pima Environmental Se		Bill To				La	b Us	e On	ly			TA	T	EPA P	rogram
Project: Cotton Draw 12	unit 12	Attention: Dason Energy		Lab \	WO#				Number		2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		E 7	301	110	>	010	58-0007				X		
Address: 5614 N. Lovington H	wy.	City, State, Zip						Analy	sis and Metho	d					RCRA
City, State, Zip Hobbs, NM, 88	3240	Phone:													
Phone: 580-748-1613		Email:		115	115					1		1 1		State	
Email: tom@pimaoil.com		Pima Project # 228-1		98 6	y 80	21	0	0	0.0	NN			NM CO	UT AZ	TX
Report due by:		Plma Project # 228-1		RO b	RO b	/80	826	601(e 30		×		X		
	of Sample ID		Lab Number	DRO/ORO by 8015	GRO/DI	втех ьу 8021	VOC by 8260	Metals 6010	Chloride 300.0	верос	BGDOC			Remarks	
8:00 1/18/23 5 1	B6-1		1							X					
8:05	134-2		2							1					
8:10	SW-1		3												
8:15	SW-Z		4												
8:20	SW-3		5												
8:25	SW-H		6												
8:30	5-1		7												
8:35	5-1		8												
8:40	5-1		9												
8:45	5-2		10							1					
Additional Instructions:	11 TO DOUD	n Energy: # 2/11/	670												
, (field sampler), attest to the validity and audate or time of collection is considered fraud	thenticity of this sample. I am and may be grounds for legal	aware that tampering with or intentionally mislabelli action. Sampled by: Hudlicum	ing the sample	location	on,	2							eived on ice the day of on subsequent d		led or received
Relinquished by: (Signature)	Date ///9/23 Z:00	Received by: (Signature)	Date 1-19		Time 14	00		Rece	eived on ice:		1 de	Jse On V	ly		
Relinguished by (Signature)	Date 1-19-23 173		Date /-/ G	23	-	15		T1		<u>T2</u>			<u>T3</u>		
Relinquished by (Signature)	Date Time	Received by Signature Ist	1/ZO/Z	3		:00			Temp°C						
Sample Matrix S - Soil Sd - Solid, Sg - Sludge									astic, ag - amb						
		less other arrangements are made. Hazardous								ent ex	pense	. The r	eport for the an	alysis of the	above
samples is applicable only to those sam	ples received by the labora	tory with this COC. The liability of the laborator	y is limited to	o the a	moun	t paid	for o	n the r	eport.						

Project	Information
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Ch - :-	- c	Custodi
Chain	OI	Custody

2		7
-	of	6
	2	Z of

Client: Pi	ma Envi	ronmen	tal Servi	ces	Bill To	1			La	b Us	e On	ly	T		TA	AT.	EPA P	rogram
Project: (otton	Draw	12 U		Attention: Dovon Energy		Lab '	WO#			Job I	Number		2D	3D	Standard	CWA	SDWA
	an ager:				Address:		E3	501	110)	do	58-0007				$-\lambda$		DCDA
	56 14 N.				City, State, Zip				-		Analy	sis and Metho	od	Т-				RCRA
	Zip Ho		<i>I</i> 1, 88240)	Phone:												State	
	80-748- om@pin		n		Email:		8015	8015								NM CO		TXI
Report du		14011.001			Pima Project # 228-1		(O by	(O by	8021	8260	5010	300.	N	7		X	0.17.12	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	BGDOC			Remarks	
8:50	1/18/23	S	1	5-2		11							X					
8:55				5-2		12							1					
9:00				5-3		13												
9:05				5-3		14												
9:10				5-3		15												
9:15				5-4		160												
9:20				5-4		17												
9:25	1	1		5-4		18							1					
Addition	al Instruc	tions:	211	To Dev	on Energy: # 2111	1670												
I, (field samp	er), attest to	the validity	and authent	icity of this sample.	I am aware that tampering with or intentionally mislabe egal action. Sampled by: AUDRIA	elling the sample	e locatio	de	2							ceived on ice the day 6 °C on subsequent d		oled or received
	d by: (Signa	ture)	Date	Time	Received by: (Signature)	Date 1-19		Time	00		Rece	eived on ice:		Lab L	Jse Or N	nly		
Relinguishe	d by: (signa	ture)	Date	Time	730 Received by: (Signature)	Date 1-19-0	13	Time	7/5		T1		T2			<u>T3</u>		
Relinquishe	d by: (Signa		Date /-	Time	Received by: Kignature Int	1/20/2		Time	:00		AVG	Temp°C_	4					
Sample Matri	x: S - Soil So	I - Solid, Sg -	Sludge, A - A	queous, O - Other_		Containe	r Type			p-p	oly/pl	lastic, ag - am	ber gl					
Note: Samp	les are disc	arded 30 d	ays after re	sults are reported	unless other arrangements are made. Hazardou	s samples wil	be ret	turnec	to cli	ent o	dispo	sed of at the cl	ient ex	pense	e. The	report for the an	alysis of the	e above
samples is a	pplicable o	nly to thos	e samples r	eceived by the lab	oratory with this COC. The liability of the laborate	bry is limited t	o the a	mour	t paid	foro	n the	report.						



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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	01/20/23 07	7:00	Work Order ID:	E301110
			01/19/23 16			Caitlin Christian
Phone: Email:	(575) 631-6977 tom@pimaoil.com	Date Logged In: Due Date:		7:00 (4 day TAT)	Logged In By:	Cattiin Christian
Elliali.	tom@pimaon.com	Due Date.	01/20/23 1	7.00 (4 day 1A1)		
Chain of	Custody (COC)					
	te sample ID match the COC?		No			
	the number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	ourier	
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	currer. <u>c</u>	Journel	
	I samples received within holding time?	,	Yes			
	Note: Analysis, such as pH which should be conducted in				Comment	s/Desolution
~	i.e, 15 minute hold time, are not included in this disucssi	on.		ı	Comment	s/Resolution
	urn Around Time (TAT)		7.7		Sample names on COC	did not match
	COC indicate standard TAT, or Expedited TAT?		Yes		•	
Sample C			T. 7		containers. Spoke with o	
	ample cooler received?		Yes		COC to match container	rs.
•	was cooler received in good condition?		Yes			
	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
		temperature. 4	<u>C</u>			
Sample C	ueous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · ·	ners conceted:	103			
	field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
D	ate/Time Collected?		Yes			
C	ollectors name?		No			
	<u>reservation</u>					
	the COC or field labels indicate the samples were p	reserved?	No			
	imple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
	imples required to get sent to a subcontract laborato	ry?	No			
	subcontract laboratory specified by the client and i	-	NA S	Subcontract Lab	: NA	
Client In	struction					
CHERTI	istruction .					

Date

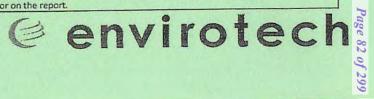
Project Information

Chain of Custody

Page 1 of Z

Received by OCD: 11/3/2025 12:35:46 PM

Client Di	lient: Pima Environmental Services Bill To						Lab Use Only TAT								EPA PI	ogram				
Project:	otton	Conment	al Servic	es + 12	Attention: Dason Energy		Lab \	MOH	10001		Job N		or	1D	2D			ndard	CWA	SDWA
	anager:			1,2	Address:	-			110				F000					X		
	5614 N.				City, State, Zip		-la_i	30	IIIC		Analys	sis and	Metho	d			-			RCRA
	e, Zip Ho				Phone:						İ									
	80-748-		13_997_19		Email:		15	15											State	
	om@pin		n				y 80	y 80	-	0		0.0		5			1	MW CO	UT AZ	TX
Report due by: Pima Project # 228-1							30 b	RO by	/ 802	826	6010	e 300.0		NM	¥			X		
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		Верос	BGDOC				Remarks	
8:00	1/18/23	5		B6-L		1								X						
8:05				136-2		2								1						
8:10				SW-1		3														
8:15				SW-Z		4														
8:20				SW-3		5								1						
8:25				SW-4		6									_					
8:30				5-11'		7														
8:35				5-12'		8	-													
8:40				5-13'		9														
8:45		1	1	5-21		10								1						
	al Instruc	1	3,71	TO DEVOY	· Energy: # 2/11/	670														to decreasing d
date or time	of collection	is considere		icity of this sample. I am may be grounds for legal a	aware that tampering with or intentionally mislabel	ing the sampl	nau	on,	Z		Sample	es requi d in ice a	ring therma	mp abov	e 0 but l	less than	6°C on	subsequent o	lays.	led or received
1/190	d by: Uston	113	Date	19/23 Z:00		Date 1-19	23	Time 14	100		Rece	eived	on ice		Y) /	Jse O N	nly			
Love	d by Signa	tesi	Date	19-23 173	Received by: (Signature)	1-1 G	23	-	715		T1			<u>T2</u>		2		<u>T3</u>		
Relinguishe	d by (Signa	ture	Date	19-25 230	D Received by Signature of	Date 1/20/2	23		7:0		AVG	Ten	p°C_	4						
Sample Matri	nple Matrix 5 - Soil) Sd - Solid, Sg - Sludge, A - Aqueous, O - Other							e:/6-	glass,	p-p	oly/p	lastic,	ag - an	ber g	lass, v	- VO	4			
Note: Samp	mple Matrix (\$ - Soil) Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			



Received by OCD: 11/3/2025 12:35:46 PM

C!!			10 :			King -											T/	\T	-	EDA D	rogram]
Client: P	ima Envi	ronmen	tal Servic	es 17		Attention: Devon Energy						e On	_		10	lan	3D		endard	CWA	SDWA
	lotton lanager:			NIT 12		Address:	_	Lab	WO#	110		JOD I	Vumi	0007	TD	120	30	Sto	Y	CVVA	SUVA
	56 14 N.					City, State, Zip		<u> </u>	201	110		Analy	S & S	d Metho	d	<u> </u>					RCRA
	e, Zip Ho					Phone:				-	ń	Allaly	313 01	I WELLO	Ī	T					
	80-748-		11, 002-40			Email:		5	ıŋ						1					State	
	om@pin		n					801	801	1			0,		-				NM CO	UT AZ	TX
Report di	ue by:					Pima Project # 228-1		(q 0)	(0 b)	802	8260	0109	300	1.3	NN	×	1		X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/OR	GRO/DRO by	втех by 802	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC				Remarks	
8:50	1/18/23	S		5-22	21	•	11								X						
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9:10				5-3 3	3'		15													to the second	
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9:20				5-4 ;	2'		17														
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	al Instruc		271 -	To DA	מחנו	ENPERIL: # 2111	1670			012	31										
I, (field samp date or time	of collection	the validity is considere	and authenti d fraud and m	city of this sample nay be grounds for	e. I am aw r legal acti	vare that tampering with or intentionally mislabellion. Sampled by: AUDRION	ing the sample	avi	ele:	2									on ice the day subsequent d		led or received
	ed by: tsigna	ature)	Date	Time	:00	Received by: (Signature)	Date HG-		Time	00		Rec	eivec	on ice:		r)/I	lse Oi V	nly			
frez	Relinguished by: (Signature) Date 1-19-28 173 X Received by: (Signature) U							13	Time /	7/5	ï	T1			T2				<u>T3</u>		
	halverfly 1-19-23 230 Received by: Kignature)							3	Time 7	:00)	AVG	Ten	p°C Z	1						
		4 1/	Commence of the Commence of th	queous, O - Other			Containe		the same of the same of	-						ass, v	- VOA				
Note: Samp	: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardou														ent ex	pense	. The	repor	t for the an	alysis of the	above
eamploe ic	annticable	anly to thos	a camplac e	scowed by the la	ahorator	wwith this COC The liability of the laborator	vir limited t	othe :	mour	t naid	foro	nthe	renor	1							

envirotech ge 83 of 299

Report to:
Delrae Geller



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: 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

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	Donoutoda	
PO Box 247	Project Number:	01058-0007	Reported:	
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.

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	1/22/2025 2:20:30PM

CS1- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA	A		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		97.8 %	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	A	Analyst: BA	A		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		97.8 %	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	A	Analyst: N	V		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	A	Analyst: D	Γ		Batch: 2504070
Chloride	ND	20.0	1		01/22/25	01/22/25	



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	1/22/2025 2:20:30PM

CS2- 0-4' Comp

E501140-02 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: BA Batch: 2504071 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 01/21/25 01/22/25 ND 0.0250 Benzene 1 01/21/25 01/22/25 Ethylbenzene ND 0.0250ND 0.0250 1 01/21/25 01/22/25 Toluene 1 01/21/25 01/22/25 o-Xylene ND 0.025001/21/25 01/22/25 ND 0.0500 1 p,m-Xylene 01/21/25 01/22/25 1 Total Xylenes ND 0.0250 01/22/25 98.9 % 01/21/25 Surrogate: Bromofluorobenzene 70-130 01/22/25 Surrogate: 1,2-Dichloroethane-d4 95.4 % 70-130 01/21/25Surrogate: Toluene-d8 106 % 70-130 01/21/2501/22/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 2504071 ND 1 01/21/25 01/22/25 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 98.9 % 01/21/25 01/22/25 70-130 01/21/25 01/22/25 Surrogate: 1,2-Dichloroethane-d4 95.4 % 70-130 Surrogate: Toluene-d8 01/21/25 01/22/25 106 % 70-130 mg/kg Analyst: NV Batch: 2504065 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 01/22/25 01/22/25 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 01/22/25 01/22/25 Oil Range Organics (C28-C36) 101 % 50-200 01/22/2501/22/25 Surrogate: n-Nonane

mg/kg

20.0

Analyst: DT

01/22/25

01/22/25

1

mg/kg

ND



Batch: 2504070

Anions by EPA 300.0/9056A

Chloride

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	1/22/2025 2:20:30PM

CS3- 0-4' Comp E501140-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	/st: 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	Analy	/st: 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	

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	1/22/2025 2:20:30PM

CS4- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2504071
Benzene	ND	0.0250	1	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	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	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	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/22/25	01/22/25	
Surrogate: n-Nonane		94.4 %	50-200		01/22/25	01/22/25	
A L. EDA 200 0/005/ A	mg/kg	mg/kg		Analyst:	DT		Batch: 2504070
Anions by EPA 300.0/9056A	mg/kg	mg ng					



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	1/22/2025 2:20:30PM

CS5- 0-4' Comp

		E501140-05					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: B	A		Batch: 2504071
Benzene	ND	0.0250	1	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	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: B	A		Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	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: N	IV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	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: D	Т		Batch: 2504070
Chloride	ND	20.0	1	1	01/22/25	01/22/25	



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	1/22/2025 2:20:30PM

CS6- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: 1	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	1	Analyst: 1	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	1	Analyst: 1	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	1	Analyst: 1	DT		Batch: 2504070
Allions by ETA 300:0/7030A							



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	1/22/2025 2:20:30PM

CS7- 0-4' Comp

E501140-07							
Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2504071
Benzene	ND	0.0250	1	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	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	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	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	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

20.0

01/22/25

01/22/25

ND



Chloride

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	1/22/2025 2:20:30PM

CS8- 0-4' Comp

Reporting							
Analyte	Result	Limit	Dilu	ution	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	



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	1/22/2025 2:20:30PM

CS9- 0-4' Comp

		E501140-09					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: BA			Batch: 2504071
Benzene	ND	0.0250	1	I	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	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	I	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	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	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

20.0

01/22/25

01/22/25

ND



Chloride

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	1/22/2025 2:20:30PM

CS10- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2504071
Benzene	ND	0.0250	1	0	1/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	0	1/21/25	01/22/25	
Toluene	ND	0.0250	1	0	1/21/25	01/22/25	
o-Xylene	ND	0.0250	1	0	1/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	0	1/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	0	1/21/25	01/22/25	
Surrogate: Bromofluorobenzene		100 %	70-130	0.	1/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	0.	1/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	0.	1/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: BA			Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	0	1/21/25	01/22/25	
Surrogate: Bromofluorobenzene		100 %	70-130	0.	1/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	0.	1/21/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130	0.	1/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	0	1/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	0	1/22/25	01/22/25	
Surrogate: n-Nonane	·	102 %	50-200	0.	1/22/25	01/22/25	
A L. EDA 200 0/005/ A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2504070
Anions by EPA 300.0/9056A	<i>U U</i>						



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	1/22/2025 2:20:30PM

CS11- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilut	tion Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2504071
Benzene	ND	0.0250	1	01/2	21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/2	21/25	01/22/25	
Toluene	ND	0.0250	1	01/2	21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/2	21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/2	21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/2	21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.5 %	70-130	01/2	21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	01/2	21/25	01/22/25	
Surrogate: Toluene-d8		97.1 %	70-130	01/2	21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: BA			Batch: 2504071
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/2	21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.5 %	70-130	01/2	21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	01/2	21/25	01/22/25	
Surrogate: Toluene-d8		97.1 %	70-130	01/2	21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/2	22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/2	22/25	01/22/25	
Surrogate: n-Nonane		106 %	50-200	01/2	22/25	01/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2504070
Amons by ETA 500.0/7050A							



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	1/22/2025 2:20:30PM

CS12- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	ВА		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	1	Analyst: I	ВА		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	1	Analyst: N	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	1	Analyst: I	OT		Batch: 2504070
Allions by ETA 300.0/3030A							



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	1/22/2025 2:20:30PM

CS13- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	A		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	I	Analyst: B	A		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: N	V		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	1	Analyst: D	Т		Batch: 2504070
11110113 by E111 500:0/703011							



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	1/22/2025 2:20:30PM

CS14- 0-4' Comp

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	P	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	A	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	A	Analyst: DT		Batch: 2504070
Allions by ETA 500:0/7050A						



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	1/22/2025 2:20:30PM

CS15- 0-4' Comp

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	
A . 1 EDA 200 0/005CA	mg/kg	mg/kg	A	Analyst: DT		Batch: 2504070
Anions by EPA 300.0/9056A	<i>U U</i>					



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	1/22/2025 2:20:30PM

CS16- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Di	lution	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
						01/22/25	



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	1/22/2025 2:20:30PM

CS17- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA	1		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		7	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	A	Analyst: DT			Batch: 2504070
THIONS BY EITHCOOLOGOGO							



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	1/22/2025 2:20:30PM

CS18- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA	L		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 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 Analy		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	
1 1 ED 200 0/00#C1	mg/kg	mg/kg	A	Analyst: DT	,		Batch: 2504070
Anions by EPA 300.0/9056A	g. 11g	88					



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	1/22/2025 2:20:30PM

CS19- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	A		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		V		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	1	Analyst: D	Т		Batch: 2504070
imions by Elitteooio/2000it							



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	1/22/2025 2:20:30PM

CS20- 0-4' Comp

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2504071
Benzene	ND	0.0250	1	01/21/2	5 01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/2	5 01/22/25	
Toluene	ND	0.0250	1	01/21/2	5 01/22/25	
o-Xylene	ND	0.0250	1	01/21/2	5 01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/2	5 01/22/25	
Total Xylenes	ND	0.0250	1	01/21/2	5 01/22/25	
Surrogate: Bromofluorobenzene		94.9 %	70-130	01/21/2	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	01/21/2	01/22/25	
Surrogate: Toluene-d8		95.9 %	70-130	01/21/2	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	01/21/2	5 01/22/25	
Surrogate: Bromofluorobenzene		94.9 %	70-130	01/21/2	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	01/21/2	01/22/25	
Surrogate: Toluene-d8		95.9 %	70-130	01/21/2	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2504065
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/2	5 01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/2	5 01/22/25	
Surrogate: n-Nonane		111 %	50-200	01/22/2	01/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2504070
Amons by ETA 500.0/7050A						



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller1/22/20252:20:30PM

Plains TX, 79355-0247		Project Manager	: De	elrae Geller				1/2	2/2025 2:20:30PM
	V	olatile Organi	c Compo	unds by EP	PA 82601	В			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504071-BLK1)						I	Prepared: 0	1/21/25 Anal	yzed: 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)						I	Prepared: 0	1/21/25 Anal	yzed: 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)						I	Prepared: 0	1/21/25 Anal	yzed: 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			

0.500

70-130



Surrogate: Toluene-d8

0.528

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller1/22/20252:20:30PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: BA

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

Blank (2504071-BLK1)						Prepared: 0	/21/25 Analy	yzed: 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: 0	/21/25 Analy	yzed: 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: 0	/21/25 Analy	yzed: 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			



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

Plains TX, 79355-0247		Project Manager	r: De	elrae Geller				1/	22/2025 2:20:30PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - 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
Blank (2504065-BLK1)							Prepared: 0	1/21/25 Ana	lyzed: 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: 0	1/21/25 Ana	lyzed: 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: 0	1/21/25 Ana	lyzed: 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			

LCS Dup (2504070-BSD1)

Chloride

251

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

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(Cotton Draw Ur 01058-0007 Delrae Geller	nit 12 CTE	3 12			Reported: 1/22/2025 2:20:30PM
		Anions l	Analyst: DT						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2504070-BLK1)							Prepared: 0	1/21/25 Aı	nalyzed: 01/22/25
Chloride	ND	20.0							
LCS (2504070-BS1)							Prepared: 0	1/21/25 Aı	nalyzed: 01/22/25
Chloride	251	20.0	250		100	90-110			

250

20.0

100

90-110

0.0849

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

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	of_

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ali					-	Com	pany: Devon Energy		i	ah V	NO#			Job I	Numl	oer		1D	2D	3D St	100,000	M CO UT	TX
Client: Pi	ma Environme	ental Ser	vices, LLC	12		-	ress:			FS	M	40		010	01058-0007						>		
Project N	ame: Cotton	Draw Un	IT 12 CIB	12	1		, State, Zip:			7			000										
	lanager: DelR				- 187	Pho		- 31		I				Ana	lysis	and	Meth	nod				EPA Progra	am
Address:	5614 N Lovin	gton Hw			- 6.5				- 13	- 4					,						SDWA	CWA	RCRA
City, Stat	e, Zip: Hobbs,	NM 882	40		3.5	Ema			-					1								7	
	06-724-5391				- 30	Misce	ellaneous: Project No. 1-228-	1			10	10		l Y		1			. /		Compli	ance Y	or N
Email: de	Irae@pimaoi	l.com						-			8015	801			0		J	S	skg.		PWSID		
				CI	- 1-6	matics					yd C	yd C	8021	3260	300	N	5-1	Meta	Cation/Anion Pkg				
				Sampl	e inior	matioi		lo 1	1 12	h	/OR	/DR	à	by	ride	00	100	8	n/A		1	Remarks	io .
Time Sampled	Date Sampled	Matrix	No. of Containers				Sample ID	Field	Lat Num	ber	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Catio				
11:05	1/17/2025	S		CS1- 0-4' C	omp				1							Х							
11:21	1/17/2025	S		CS2- 0-4' C	omp				2							X							
11:34	1/17/2025	S		CS3- 0-4' C	Comp				3	,						х							
11:49	1/17/2025	5		CS4- 0-4' C	Comp				4							х							147
11:56	1/17/2025	S		CS5- 0-4' C	Comp				5							х							
12:13	1/17/2025	S		CS6- 0-4' (Comp				6	5						х							
12:25	1/17/2025	S		CS7- 0-4' (Comp				-	1						x							
12:37	1/17/2025	S		CS8- 0-4' (Comp				8	3						х							
12:48	1/17/2025	S		CS9- 0-4' (Comp				9	1						х							
1:06	1/17/2025	S		CS10- 0-4	' Comp	y			10	5						х							
	nal Instructio	VAL	0 # 2111	1670										-									
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	y: Andrew Franco																					lved on ice the da	y they are
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Sample M	atrix: S - Soil, Sd - S	Solid, Sg - Slu	ıdge, A - Aqu	eous, O - Other				Ico	man be	i i y k	oc. g	Bids	t 05 d	ienose	od of a	t the	client	exper	se Th	ne report	for the ana	lysis of the al	ove samples
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is applica	ble only to thos	e samples	received by	the laborator	y with th	is COC.	The liability of the laboratory is lim	ited to the	e amoui	ur ba	iu for	onth	e rep	JIL.				_			_		



envirotech

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Chain of Custody

Company: Devon Energy Comp		Clien	A Inform	atlan		200	Invoice Informat	ion		Lab Use Only									TA	T	State				
Address: Colton Daws Unit 12 CTB 12 Crops Colton Daws Unit 12 CTB 12 Colton Daws Unit 12 CTB 12 Colton Daws Unit 12 CTB 12 Colton Daws Sample Information Colton Daws Sample Informati		(7.57.73)		ELLE AL TO		-	The state of the state of the state of		12	ah W	VO#			Job 1	Vumb	ber 1D 2D 3D Std					NM	CO UT	TX		
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1/17/2025 S CS12-0-4' Comp 1	Email: de	Irae@pimaoi	l.com									801	-		0	-	×	sle	Pkg		PWSID#				
1/17/2025 S CS12-0-4' Comp 1					Comm	lo Informat	ion				O by	O by	802	3260	300	N	1-50	Met	nion						
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2:55 1/17/2025 \$ CS16-0-4' Comp	2:24	1/17/2025	S		CS14- 0-4	Comp			14							х						* **	•		
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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 AVG Temp °C AVG Temp °C	3:50	1/17/2025	S		CS19- 0-4	Comp			19							х									
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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	Note: Sai	moles are discar	ded 14 day	s after resi	ilts are report	ed unless other	er arrangements are made. Hazar	dous samples	will be re	eturn	ned to	clien	t or d	ispose	ed of a	t the	client	exper	ise. Th	e report to	or the analy	no or the ab	ove sample:		



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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Climate	Pima Environmental Services-Carlsbad	Date Received:	01/22/25	05.00	Wd- Od ID E501140	_
Client:					Work Order ID: E501140	
Phone:	(575) 631-6977	Date Logged In:	01/21/25		Logged In By: Caitlin Mars	
Email:		Due Date:	01/22/23	17:00 (0 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location mate	ch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the	e COC complete, i.e., signatures, dates/times, request	ted analyses?	No			
5. Were al	Il samples received within holding time?	·	Yes			
	Note: Analysis, such as pH which should be conducted in				Comments/Resolution	
Commis T	i.e, 15 minute hold time, are not included in this disucssio	n.		1	Commency Resolution	_
	Urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project Cotton Draw Unit 12 CTB 12 has	
	•		168		been separated into 2 reports. WOs are	
Sample C	ample cooler received?		Yes			
	was cooler received in good condition?		Yes		E501140 & E501141. No of containers not	
•	e sample(s) received intact, i.e., not broken?				listed on COC.	
	• • • • • • • • • • • • • • • • • • • •		Yes			
	custody/security seals present?		No			
•	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes			
	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>			
Sample C						
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?	11 / 10	Yes			
	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab	nel field sample labels filled out with the minimum infor					
	ample ID?	mation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
Sample P	reservation_					
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No			
	imple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved me	etals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multiphas	e?	No			
27. If yes,	does the COC specify which phase(s) is to be analyst	zed?	NA			
Subcontr	act Laboratory					
	imples required to get sent to a subcontract laborator	y?	No			
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	o: NA	
Client In	estruction					
CHCHCH	istruction					1
						l
						l
						l
						•

Date

Report to:
Delrae Geller



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: 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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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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	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
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.



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	1/22/2025 3:08:20PM

CS21- 0-4' Comp

Result	Reporting								
Result			Reporting						
	Limit	Di	lution	Prepared	Analyzed	Notes			
mg/kg	mg/kg		Analyst:	BA		Batch: 2504072			
ND	0.0250		1	01/21/25	01/22/25				
ND	0.0250		1	01/21/25	01/22/25				
ND	0.0250		1	01/21/25	01/22/25				
ND	0.0250		1	01/21/25	01/22/25				
ND	0.0500		1	01/21/25	01/22/25				
ND	0.0250		1	01/21/25	01/22/25				
	100 %	70-130		01/21/25	01/22/25				
	101 %	70-130		01/21/25	01/22/25				
	99.7 %	70-130		01/21/25	01/22/25				
mg/kg	mg/kg		Analyst:	BA		Batch: 2504072			
ND	20.0		1	01/21/25	01/22/25				
	100 %	70-130		01/21/25	01/22/25				
	101 %	70-130		01/21/25	01/22/25				
	99.7 %	70-130		01/21/25	01/22/25				
mg/kg	mg/kg		Analyst: NV			Batch: 2504066			
ND	25.0		1	01/22/25	01/22/25				
ND	50.0		1	01/22/25	01/22/25				
	99.8 %	50-200		01/22/25	01/22/25				
	99.0 /0	20 200							
mg/kg	mg/kg	20 200	Analyst:	DT		Batch: 2504069			
	ND ND ND ND ND ND ND ND ND ND ND	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO0 % 101 % 99.7 % mg/kg ND 20.0 101 % 99.7 % mg/kg mg/kg MD 25.0	ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO0 % 70-130 101 % 70-130 99.7 % 70-130 mg/kg mg/kg ND 20.0 101 % 70-130 99.7 % 70-130 99.7 % 70-130 mg/kg mg/kg ND 25.0	ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0500 1 ND 70-130 101 % 70-130 99.7 % 70-130 mg/kg mg/kg Analyst: 100 % 70-130 101 % 70-130 99.7 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1	ND 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0500 1 01/21/25 ND 0.0250 1 01/21/25 ND 70-130 01/21/25 101 % 70-130 01/21/25 99.7 % 70-130 01/21/25 mg/kg Malayst: BA ND 20.0 1 01/21/25 101 % 70-130 01/21/25 101 % 70-130 01/21/25 99.7 % 70-130 01/21/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/22/25	ND 0.0250 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 ND 0.0500 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 100 % 70-130 01/21/25 01/22/25 mg/kg mg/kg Analyst: BA ND 0.00 1 01/21/25 01/22/25 100 % 70-130 01/21/25 01/22/25 101 % 70-130 01/21/25 01/22/25 101 % 70-130 01/21/25 01/22/25 101 % 70-130 01/21/25 01/22/25 101 % 70-130 01/21/25 01/22/25 mg/kg mg/kg Analyst: NV ND 0.000 1 01/22/25 01/22/25 Mg/kg mg/kg Analyst: NV			



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	1/22/2025 3:08:20PM

CS22- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Di	lution	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
· · · · · · · · · · · · · · · · · · ·	ND	20.0		1	01/22/25	01/22/25	

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	1/22/2025 3:08:20PM

CS23- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	A		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	1	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	1	Analyst: N	V		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	1	Analyst: D	Т		Batch: 2504069
Amons by EPA 500.0/9050A							



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	1/22/2025 3:08:20PM

CS24- 0-4' Comp

Reporting							
Analyte	Result	Limit	Dilut	tion Prep	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2504072
Benzene	ND	0.0250	1	01/2	21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/2	21/25	01/22/25	
Toluene	ND	0.0250	1	01/2	21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/2	21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/2	21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/2	21/25	01/22/25	
Surrogate: Bromofluorobenzene	·	96.3 %	70-130	01/2	21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	01/2	21/25	01/22/25	
Surrogate: Toluene-d8		97.9 %	70-130	01/2	21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA			Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/2	21/25	01/22/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130	01/2	21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	01/2	21/25	01/22/25	
Surrogate: Toluene-d8		97.9 %	70-130	01/2	21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/2	22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/2	22/25	01/22/25	
Surrogate: n-Nonane		102 %	50-200	01/2	22/25	01/22/25	
A: L EDA 200 0/0056 A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2504069
Anions by EPA 300.0/9056A	<u> </u>						



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	1/22/2025 3:08:20PM

CS25- 0-4' Comp

Reporting							
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	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	1	Analyst: B	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	1	Analyst: N	IV		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	
A . I EDA 200 0/005/A	mg/kg	mg/kg	1	Analyst: D	DΤ		Batch: 2504069
Anions by EPA 300.0/9056A	<u> </u>						



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	1/22/2025 3:08:20PM

CS26- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Di	lution	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
		20.0				01/22/25	



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	1/22/2025 3:08:20PM

CS27- 0-4' Comp

Reporting							
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: E	ВА		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	1	Analyst: E	ВА		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	1	Analyst: N	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	1	Analyst: Γ	DT		Batch: 2504069



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	1/22/2025 3:08:20PM

CSW1- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Di	lution	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
· · · · · · · · · · · · · · · · · · ·	ND	20.0		1	01/22/25	01/22/25	



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	1/22/2025 3:08:20PM

CSW2- 0-4' Comp

Reporting							
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	А	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	Α	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	Α	analyst: DT		Batch: 2504069	
Allons by EPA 500.0/9050A							



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	1/22/2025 3:08:20PM

CSW3- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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	1/22/2025 3:08:20PM

CSW4- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilu	ition	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	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	l	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	l	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	l	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	l	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	1	01/22/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	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
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							



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	1/22/2025 3:08:20PM

CSW5- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	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	Ī	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
	ND	20.0		1	01/22/25	01/22/25	



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	1/22/2025 3:08:20PM

CSW6- 0-4' Comp

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	P	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	A	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	
A: b EDA 200 0/005/ A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2504069
Anions by EPA 300.0/9056A						



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	1/22/2025 3:08:20PM

CSW7- 0-4' Comp

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	P	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	A	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	A	Analyst: DT		Batch: 2504069
Amons by EFA 500.0/9050A						



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	1/22/2025 3:08:20PM

CS28- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilut	tion Pro	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	A	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	A	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	A	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	A	Analyst: DT			Batch: 2504069
Allions by ETA 500.0/7050A							



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller1/22/20253:08:20PM

PO Box 247 Plains TX, 79355-0247		Project Number Project Manage		elrae Geller				1/2	22/2025 3:08:20PM
	V	olatile Organ	ic Compo	unds by EP	A 82601	В			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504072-BLK1)						1	Prepared: 0	1/21/25 Anal	yzed: 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: 0	1/21/25 Anal	yzed: 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: 0	1/21/25 Anal	yzed: 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			

0.500

70-130

Surrogate: Toluene-d8

0.480

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller1/22/20253:08:20PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

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

Blank (2504072-BLK1)						Prepared: 0	/21/25 Anal	yzed: 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: 0	/21/25 Anal	yzed: 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: 0	/21/25 Anal	yzed: 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			



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

Plains TX, 79355-0247		Project Manage	r: De	elrae Geller					1/22/2025 3:08:20PM			
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO		Analyst: NV				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	t			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2504066-BLK1)							Prepared: 0	1/21/25	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: 0	1/21/25	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: 0	1/21/25	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						

	Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Cotton Draw Un 1058-0007 Delrae Geller	nit 12 CTE	3 12			Reported: 1/22/2025 3:08:20PM
_			Anions	by EPA	300.0/9056	4				Analyst: DT
4	Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
I	Blank (2504069-BLK1)							Prepared: 0	1/21/25	Analyzed: 01/22/25
C	Chloride	ND	20.0							

LCS (2504069-BS1)						Prepared: 01	/21/25 Anal	yzed: 01/22/25
Chloride	257	20.0	250	103	90-110			
LCS Dup (2504069-BSD1)						Prepared: 01	/21/25 Anal	yzed: 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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	
1	PO Box 247	Project Number:	01058-0007	Reported:
١	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.



Page 3_ of 4

Chain of Custody

-	Clien	t Inform	ation				Invoice Information	100				Lab	Use	Onl	У				TA	T			Stat	*0	
		t Inform			-	Com	pany: Devon Energy		L	ab W	/O#		J	ob N	lumb	er		1D	2D	3D Sto	H	NM	COUT	TX	
Client: Pir	ma Environm	ental Sen	vices, LLC	17	-		ress:		F	50	114	1				000	7	X			100	X			
	ame: Cotton			12	1-46		, State, Zip:				DE LE	312	0.00					1		7.00			Marie S	No.	
Project M	lanager: DelR	ae Geller		7.		Pho				Г				Anal	ysis	and N	Neth	od				EP	A Progr		
Address:	5614 N Lovin	gton Hwy	10						15	200	T	7/19									SE	AWC	CWA	RCRA	1
	e, Zip: Hobbs	, NM 882	40			Ema	ellaneous: Project No. 1-228-1	-	18			- 1													
-	06-724-5391					IVIISCE	elianeous: Project No. 1-226-1				2	10									Cor	nplianc	e Y	or 1	1
Email: de	Irae@pimaoi	l.com				-					8015	8015	-1		0	-	×	als	Pig		PW	/SID #			
-				Comm	le Inform	nation		-	_		O by	GRO/DRO by	8021	8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion			- Charles			
			-	Samp	ne imon	natioi		0 6	Lab		/OR	/DR	Cby	by	ride	00	1100	A 8	A/uc				Remark	5	
Time	Date Sampled	Matrix	No. of Containers			5	Sample ID	FI FI	Lab Numb	per	DRO/ORO	GRO	втех Бу	VOC by	SHO SHO	BGD	TCEC	RCR	5		10				
Sampled				CS21- 0-4	Comp	-			1							X	(-)				10	han			
4:30	1/17/2025	S		C521- 0-4	Comp				1						1	^					11/	WC	21Ve	O	
1.10	4/47/2025			CS22- 0-4	Comp	-			2							х					0	11		A	
4:46	1/17/2025	S		C322 0 4	comp				2							^					U	OICH	HONO		
F-01	1/17/2025			CS23- 0-4	'Comp				2				-	1		X						nous	Ol a	1001	
5:01	1/1//2023	S		COLO	comp				3							~						MIN	10	Not	
5:26	1/17/2025			CS24- 0-4	' Comp				1 , 1							x					1	clo	1	nu A	NP
5.20	1/1//2023	S							1-												-6	124	O.	ul C	UY:
5:39	1/17/2025			CS25- 0-4	' Comp				5	-			2			X					1	11-		San	OKNI
3.33	1/11/2025	S							0												1	TUK	WG	المال	40
6:00	1/17/2025		7	CS26- 0-4	' Comp				1							X					V	ha	O.i	0.	
0.00	1/1//2023	S							6)									- 1		-	W/	THE	O1	
6:17	1/17/2025	5		CS27- 0-4	'Comp				-							X					1	122	125	Qm.	
0.17	2/2//2000	2																				166	160	Uni	
6:34	1/17/2025	S		CSW1- 0-	4' Comp				18							X									
		5							0	,							-		-			-			
6:42	1/17/2025	5		CSW2- 0-	4' Comp				19	1						X									
		3						-	1			-		-	-				-		-		-		
6:59	1/17/2025	S		CSW3- 0-	4' Comp				117	7						X									
									1 1				-		-	_	_	-	_			-			
Addition	nal Instruction	ns: W/	0 # 2111	1670																					
								15	nla lacat	on da	te or ti	me of	collec	tion is	consid	lered fr	aud a	nd may	y be gr	ounds for I	legal ac	tion.			
		e validity and	dauthentici	ty of this sample	. I am awar	e that t	ampering with or intentionally mislabeling	the 24th	pic iocati	, ua	51 41							ALCOHOL:							
	y: Andrew Franco				ITIMUS.		Received by: (Signature)	Date	e		Time					Sampl	es requ	iring th	ermal p	preservation	must be	e received	on ice the c	lay they are	
	hed by: (Signatu		Da		8:05	-	Jasmine Alvarado		117	1		15				sample	ed or n	eceived	packed	in ice at an	avgten	np above 0	but less tha	in 6 °C on	
and	new Fro	anco		117	Time		Received by: (Signature)	Date			Time	1				duban	mat.	1.51.0		Lab	Use	Only			
	hed by: (Signatu		Da	121		r.	Michele Gonzale	A 100 K/S	-21-2	7	j-	131)	-		Rec	eive	d on	ice:	01	N				
UCISI	mine +	varado			2:3	0_	Received by: (Signature)	Date		3	Time								100	-					14
Relinguis	hed by: (Signatu	onan	ec Da	21.25	163	7		2000	.21.	75	1	7	00	8		T1			100	T2			<u>T3</u>		
	10	10					Received by: (Signature)	Dat		- 6 3	Time												N. Trans		
Relinguis	hed by: (Signatu	ire)	Da /	21.25	123	15	Reserved by Giggiature	1-	77-7	5	ne	OT)	1		AVO	Ter	mp °C	L	1_					
Indu	J. H.	C-11-1 F- C	1/4		-	_	May I HEN	100	ntainer	Type	D. O - C	lass	n-n	oly/	olasti	c. ag -	amt	er gla	ass, v	- VOA					
Bample Ma	atrix: S - Soil, Sd -	solid, Sg - Slu	after res	ults are report	ed unless	other a	rrangements are made. Hazardous sa	mples v	will be re	eturne	ed to c	lient	or dis	pose	d of at	the c	ient (expens	se. Th	e report f	for the	analysi	of the a	bove samp	oles
Note: San	npies are discar	ued 14 day	s after lesi	uns are report	mondah ahi	COC	The liability of the laboratory is limite	d to the	amoun	t paid	for a	n the	repor	t.											



envirotech

Chain of Custody

	Clien	nt Informa	ntion	-	1589		Invoice Information					La	b Use	Onl	У				TA	T				Stat		
						Com	pany: Devon Energy		1:	ah W	/O#		T	Job N	lumb	er		1D	2D	3D !	Std	N	IM (OUT	TX	
	ma Environm ame: Cotton				1		ress:		F	ab W	1110	41		010	58-	000	7	X					X			
	lanager: DelF			12			, State, Zip:		19	12/12/		146		I SA			100	BE		Des		1	600		域為影	
	5614 N Lovin				148	Pho								Anal	ysis	and I	Vieth	od					_	Progr		
	e, Zip: Hobbs					Ema				777								2775				SDW	/A	CWA	RCR	A
	06-724-5391	, IVIVI OOZ	40		TO SEE		ellaneous: Project No. 1-228-1			-											L					
	Irae@pimaoi	il com				IVIISCE	ellaneous. Project No. 2 220 2		-		8015	15									-	Compl	N. PARTY CO.	Y	or	N
Email: de	паешринао	ii.com						ton			y 80	V 80	===	0	0.0	5	*	tals	Pkg .			PWSII	D#		1	
				Samp	le Inform	nation	n				ROb	ROb	7807	826	e 30	N.	- 500	Ne	n/Anion Pkg	1						
Time Sampled	Date Sampled	Matrix	No. of Containers				Sample ID	Filter	Lab Numb	per	DRO/ORO	GRO/DRO by	8TEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/					Remark	S	
7:15	1/17/2025	5		CSW4- 0-4	' Comp		You William Harry		11							x										
7:23	1/17/2025	S		CSW5- 0-4	' Comp				12	2						х										
7:31	1/17/2025	S		CSW6- 0-4	1' Comp				13							х										
7:39	1/17/2025	S		CSW7- 0-4	4' Comp				14	1						х										
	Unda	3		1	7	-			15	3						X										
	1117125	3		C061)				, 0																	
								-	-														-	THE	1	
									-															1		
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Additio	nal Instruction	ons: W/	0 # 2111	1670			CONTRACTOR N				-															
			authenticit	of this sample	. I am awa	re that t	tampering with or intentionally mislabeling t	the sam	ple locati	ion, da	ate or	time o	of colle	ction is	consid	dered f	raud a	nd may	y be gr	ounds	for lega	laction	n.			
United the Control of	: Andrew Franco				-		Received by: (Signature)	Date			Time	-			-	Sampl	les requ	iring th	ermal p	reserva	tion mu	st be re	ceived o	n ice the c	lay they are	
	ned by: (Signatu		Dat		8:05		Jasmine Allarado		117		8:					sampl	led or re	eceived	packed					out less th	an 6 °C on	
and	rew tro	anco		117	Time	V	Received by: (Signature)	Date	-		Time					tubia	ounnle	- SUF		L	ab Us	se On	nly			
	ned by: (Signatu		Dat	121	2:31	5 1	Michelle Gonzales	1-	212	5	Time	13	0			Rec	eive	d on	ice:	Y)/N					
Relinquis	hed by: (Signatu	ire)	eg J.	21.15	Time 163	0	Received by (Signature)		.21.	23	1	170	00	1/4		<u>T1</u>			_	<u>T2</u>			_	<u>T3</u>		_
	hed by: (Signatu		Dat		Time	15	Received by: (Signature)	Date /~	22	25	Time	51	90			AVO	G Ter	np°(c_ \	1						
Chade	atrix: S - Soil, Sd -	Solid Se - Shi				_	I MACHANIA 12	Co	ntainer	Type	ė: g -	glass	, p -	poly/	olasti	c. ag	- amt	er gla	ass, v	- VO	A			- fab.	L	nalas
Note: Sar	noles are discar	ded 14 days	s after resu	Its are report	ed unless	other a	arrangements are made. Hazardous san	mples v	will be re	eturne	ed to	client	t or di	spose	d of at	t the c	lient e	expens	se. Th	e repo	ort for	the an	alysis	of the a	bove sam	iples
Hote. Sai	inpices are discar			the laborator	ar with thi	coc .	The liability of the laboratory is limited	to the	amoun	t paid	d for c	on the	e repo	rt.										-10-10-1		



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Page 3 of 4

Chain of Custody

	Clion	t Inform	ation			Invoice Information					La	b Us	e On	ly				TA	T	100	100	State	
Cliant, Di	ma Environme				Com	pany: Devon Energy		_ L	ab V	VO#				Numl			1D	2D	3D S	Std		CO UT	TX
Project N	ame: Cotton	Draw Un	it 12 CTB	12	_	ress:			E 5		11		010	58	000	7	X				X		
Project N	lanager: DelR	ae Geller			City	, State, Zip:									46	- 10-		V - 1					SYC 3 25 3
Address	5614 N Lovin	gton Hwy	/		Pho								Ana	lysis	and	Meth	nod					PA Progra	RCRA
	e, Zip: Hobbs				Ema	ail:			4					14.							SDWA	CWA	RCRA
	06-724-5391				Misc	ellaneous: Project No. 1-228-	1		1	1										-	Camalian	ce Y	or N
	lrae@pimaoi	.com							-	8015	015	-10		rs.				100		- 1	Complian PWSID #	ce 1	OI IV
										bγ 8	by 8	121	9	00.00	2	×	etal	on Pk		1	PWSID #		
				Samp	le Informatio	n	-			080	ORO DRO	39 AC	y 82	dea		5001	80	/Anie				Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lat Num	4	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg				Hemans	
4:30	1/17/2025	S		CS21- 0-4	Comp			1			6				Х			1					
4:46	1/17/2025	S		CS22- 0-4	Comp			2						E	X								
5:01	1/17/2025	S		CS23- 0-4	' Comp			3							х								
5:26	1/17/2025	S		CS24- 0-4	' Comp			L	1						х								
5:39	1/17/2025	S		CS25- 0-4	' Comp			5	5						х								
6:00	1/17/2025	S		CS26- 0-4	' Comp			6	0						х								
6:17	1/17/2025	S		CS27- 0-4	' Comp			15	1						х								
6:34	1/17/2025	S		CSW1- 0-	4' Comp			8	3						х								
6:42	1/17/2025	S	1	CSW2- 0-	4' Comp			9	1						х								
6:59	1/17/2025	S		CSW3- 0-	4' Comp			Li	D						Х								
	nal Instructio																						
	npler), attest to the	validity and	dauthenticit	y of this sample	. I am aware that t	ampering with or intentionally mislabel	ing the san	nple locat	tion, d	late or	time o	of colle	ction is	s consi									
	hed by: (Signatu	re)	Dat		Time	Received by: (Signature)	Dat	1/17	_	Time	:15				Samp	les requ led or r	uiring ti eceived	hermal (d packed	preservat d in ice at	tion mu t an av	ist be received temp above	i on ice the da O but less than	y they are 16 °C on
dro	rew Fro	anco		117	8:05	Jasmine Alvarac	n Dat			Time	_	_	-		cube	aunst.	dans.		- 1	ab U	se Only		
	hed by: (Signatu		Dat	121	2:3U	Received by: (Signature)	11	-21.0	15	1	43	D			Red	eive	d on	ice:)/ N			
UCIS	mine H	narado	Dat		Time	Received by: (Signature)	Dat		-	Time	_		100					100	_				
volce	hed by: (Signatu	myru		26.15	1630	hand . H.		1.21	.25		17	00	2	2,	<u>T1</u>	-	_	_	<u>T2</u>			<u>T3</u>	
Relinguis	hed by: (Signatu	re)	Dat	21.25	2315	Received by: (Signature)	Da	77-	25	Time	500	0			AV	G Te	mp°	c_L	1_				
Inde	atrix: S - Soil, Sd - S	iolid 5a - Sh	idge, A - Anu	Ca. 4 - 0		1/00/10/11	100	ntaine	r Tyn	P. B .	glas	5. D -	poly/	plast	ic, ag	- ami	er g	lass, v	/ - VO/	A			
Note: Sa	mples are discare	ded 14 day	s after resu	Its are report	ed unless other a	arrangements are made. Hazardous	samples	will be r	return	ned to	clien	t or d	spose	d of a	t the	lient	exper	ise. Th	ne repo	ort for	tne analys	is of the at	ove samples



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	Clion	t Inform	ation			Invoice Information					La	b Us	e On	ly				TA				State	
Client. Di	na Environm				Co	mpany: Devon Energy		L	ab W	VO#			4	Vuml			1D	2D	3D	Std		co ut	TX
Project N	ame: Cotton	Draw Un	it 12 CTB	12		dress:		E	5	NO	41		010	58	-000	7	X				X		
Project N	lanager: DelR	ae Gelle	r		Ci	ty, State, Zip:											300	1	- 2.			A Decem	
Address.	5614 N Lovin	gton Hw	v		Ph	one:		_ (8	13				Ana	lysis	and	Met	hod	_				A Progra	RCRA
	e, Zip: Hobbs				Er	nail:		- 8						(1.1							SDWA	CVVA	NCNA
	06-724-5391				Mis	cellaneous: Project No. 1-228	-1	17									V 1				Compliand	e Y	or N
	lrae@pimaoi	l.com							- 1	015	015			12	i l		40	59			PWSID #	.e 1	01 11
				1		No. of the control of			_	by 8	by 8	021	097	000.0	Σ	×	letal	on P			T WSID II		
				Samp	e Informati	on			-	ORG	DRO	by 8	y 82	de 3	C.	1005	∞ ∞	/Ani				Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	per	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				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
7:15	1/17/2025	S		CSW4- 0-4	' Comp			11					V		х								
7:23	1/17/2025	S		CSW5- 0-4	Comp			12	2						X								
7:31	1/17/2025	S		CSW6- 0-4	t' Comp			13	3						x								
7:39	1/17/2025	S		CSW7- 0-4	l' Comp			14	1						х								
								•	·														
				-											-	-							
				4				-				-		-	-	-	-	1	-		1		
	-										-		-			-	-	-	-				
													_		-		+	-	-	+	-		
																		1					
				M																			
	nal Instructio																						
I, (field san	pler), attest to the	e validity an	d authenticit	y of this sample	. I am aware tha	t tampering with or intentionally mislabe	ling the sam	ple locat	ion, d	ate or	time c	of colle	ction i	s consi	dered	fraud a	and ma	ay be g	rounds	for le	gal action.		
Sampled b	: Andrew Franco ned by: (Signatu		Dat		Time	Received by: (Signature)	Date	e		Time	2				Sam	ples req	uiring t	hermal	preserv	ation m	nust be received vg temp above (on ice the da	y they are 16 °C on
and	rew two	inco	Dat	117	8:05 Time	Received by: (Signature)	Dat			8 Time	9		-		cube	oquent	dauc	. 61111	,	Lab l	Jse Only		
Jasi	ned by: (Signatu	arado	1	191	2:36	Received by (Signature)	es 1-	-212	5	Time	43	0	-		Re	ceive	d on	ice:	C	y) / I	N		
Relinquis	hed by: (Signatu	ongr	les 1.	-21.25	1630	Sudan M.		1.21.	23		170	20			<u>T1</u>		_	_	<u>T2</u>		_	<u>T3</u>	
Relinguis	hed by: (Signatu	ire)	Dat	.21.25	7313	Received by: (Signature)	J-	-22.	25	Time	15	20		Inlact	AV	G Te	mp '	C_	V-VC	Δ			
Sample M	atrix: S - Soil, Sd - S	Solid, Sg - Sl					ICo	ntainer	Тур	e: g	- gias:	5, p -	poly/	plast	t the	client	DCI E	nse T	he ren	ort fo	r the analysi	is of the ab	ove sample
Note: Sa	nples are discar	ded 14 day	s after resu	ılts are report	ed unless othe	r arrangements are made. Hazardou	s samples	will be r	eturn	d for	on the	e ren	ort.	01 8	i die	Chent	- Pe						
is applica	ble only to thos	e samples	received by	the laborator	y with this CO	C. The liability of the laboratory is lin	nited to the	e amour	ir hai	u ioi	on til	cieh			-		-	_	-	_			



envirotech samples

envirotech

page 145 of 299

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pi	ima Environmental Services-Carlsbad	Date Received:	01/22/25 0	5:00	Work Order ID: E501141
Circini.	575) 631-6977	Date Logged In:	01/21/25 1		Logged In By: Caitlin Mars
Email:	773) 031-0977	Due Date:		7:00 (0 day TAT)	Logged in By. Calum Mais
		Due Duic.			
Chain of Cu	stody (COC)				
	sample ID match the COC?		Yes		
2. Does the n	number of samples per sampling site location mat	ch the COC	No		
3. Were samp	ples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>
4. Was the Co	OC complete, i.e., signatures, dates/times, reques	ted analyses?	No		
	amples received within holding time?		Yes		
	ote: Analysis, such as pH which should be conducted in				Comments/Resolution
	e, 15 minute hold time, are not included in this disucssic	on.		1	<u>Commonsy, Accounting</u>
	n Around Time (TAT)		Yes		Project Cotton Draw Unit 12 CTB 12 has
	OC indicate standard TAT, or Expedited TAT?		ies		
Sample Cool			37		been separated into 2 reports. WOs are
	nple cooler received?		Yes		E501140 & E501141. No of containers not
•	s cooler received in good condition?		Yes		listed on COC.Received extra sample not
	ample(s) received intact, i.e., not broken?		Yes		listed on COC. Added sample per client.
	stody/security seals present?		No		
11. If yes, we	ere custody/security seals intact?		NA		
No m	ample received on ice? If yes, the recorded temp is 4°C, tote: Thermal preservation is not required, if samples are ainutes of sampling tible ice, record the temperature. Actual sample	e received w/i 15	Yes		
		temperature. 4 t	<u>c</u>		
Sample Con			3.7		
-	cous VOC samples present?		No		
	C samples collected in VOA Vials?		NA NA		
	ad space less than 6-8 mm (pea sized or less)?		NA		
·-	p blank (TB) included for VOC analyses?		NA		
	VOC samples collected in the correct containers?		Yes		
	ropriate volume/weight or number of sample contain	ers collected?	Yes		
Field Label	•	. •			
	ld sample labels filled out with the minimum info ple ID?	rmation:	Yes		
	/Time Collected?		Yes		
	ectors name?		No		
Sample Pres	servation		110		
	COC or field labels indicate the samples were pr	eserved?	No		
22. Are samr	ple(s) correctly preserved?		NA		
_	teration required and/or requested for dissolved m	etals?	No		
	Sample Matrix				
	sample have more than one phase, i.e., multiphase	se?	No		
	pes the COC specify which phase(s) is to be analy		NA		
		200.	INA		
	t Laboratory		3.7		
_	ples required to get sent to a subcontract laborator bcontract laboratory specified by the client and if	-	No NA	Subcontract Lab	· NA
	• • •			2.5000mac Dao	•
Client Instr	ruction				

Date



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 accreditated 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.

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



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

06/24/2025

Water

Analytical Results For:

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

Fax To:

Received: 06/25/2025 Reported: 07/01/2025

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	Analyze	d 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	

Sampling Date:

Sampling Type:

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CA RDI NA L CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By:	(aria	Relinquished By: Date:	ASE NOT						-	Ha538DA		Lab I.D.	Sampler Name: Andrew Franco	Project Location: Eddy County	Project Name: 0	Project #: 1-288	Phone # (806) 724-5391	City: Hobbs	Address: 5614	Project Manager: Delrae Geller	Company Ham
Sampler UPS - Bus - Other: AU 12 (2+3-3- Yes 2)	WHAT LA	no Adama	Date:							PWI		Sample I.D.		Andrew Franco	n: Eddy County	Project Name: Cotton Draw Unit 12 CTB 12	Project #: 1-288-1 Project Owner: Devon	24-5391	State: NM Zip: 88260	WHE	r: Deirae Geller	Company round, First CHAINONMENIAL
1.8.c+3	8	Time	R																60			
m	Received By:)	Received By:		#			1			_	TAINERS										
Sample Condition Cool	By:	?	d By:		+		+	+	-	-	-	NDWATER	MATRIX									
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Report to:
Delrae Geller



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: 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

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

1 lams, 1 A 17555-02-1

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Pima Environmental Services-CarlsbadProject Name:Cotton Draw 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller09/10/25 15:59

Client Sample ID	Lab Sample ID M	atrix	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.
53-1'	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.
53-4'	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.
54-1'	E509019-17A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
54-2'	E509019-18A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
54-3'	E509019-19A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
54-4'	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.
86-1'	E509019-27A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
86-2'	E509019-28A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
86-3'	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.
87-2'	E509019-33A	Soil	09/02/25	09/04/25	Glass Jar, 4 oz.
57-3'	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	Reported:
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.



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	9/10/2025 3:59:36PM

S1-Surface E509019-01

		E203013-01				
		Reporting	5			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
foluene	ND	0.0250	1	09/04/25	09/08/25	
-Xylene	ND	0.0250	1	09/04/25	09/08/25	
,m-Xylene	ND	0.0500	1	09/04/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/08/25	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	09/04/25	09/08/25	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2536043
iesel 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	
urrogate: n-Nonane		94.1 %	61-141	09/04/25	09/04/25	
anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S1-1'

	D .:				
D t		D'1 4'	D 1		NI .
Kesult	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: BA		Batch: 2536051
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0500	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
	95.4 %	70-130	09/04/25	09/08/25	
mg/kg	mg/kg	Analy	yst: BA		Batch: 2536051
ND	20.0	1	09/04/25	09/08/25	
	104 %	70-130	09/04/25	09/08/25	
mg/kg	mg/kg	Analy	yst: NV		Batch: 2536043
ND	25.0	1	09/04/25	09/04/25	
ND	50.0	1	09/04/25	09/04/25	
	102 %	61-141	09/04/25	09/04/25	
mg/kg	mg/kg	Analy	yst: TP		Batch: 2536056
	ND ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg ND 25.0 ND 50.0 102 %	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 25.4% 70-130 mg/kg mg/kg Analy ND 20.0 1 104% 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 102% 61-141 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/08/25 ND 0.0500 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 61-141



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	9/10/2025 3:59:36PM

S1-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		100 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2536056
Chloride	95.3	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S1-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		100 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2536056
Chloride	479	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S1-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		102 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: TP		Batch: 2536056
Chloride	1910	40.0	2	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S2-SURFACE

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		97.4 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2536056
·	ND	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S2-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		97.3 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S2-2'

		Damati				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		99.0 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S2-3'

		200,01, 0,				
Austra	D14	Reporting		D	A l d	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		104 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S2-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		106 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S3-Surface E509019-11

	E309019-11				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	•		Batch: 2536051
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0500	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
	98.6 %	70-130	09/04/25	09/08/25	
mg/kg	mg/kg	Analy	vst: BA		Batch: 2536051
ND	20.0	1	09/04/25	09/08/25	
	103 %	70-130	09/04/25	09/08/25	
mg/kg	mg/kg	Analy	vst: NV		Batch: 2536043
ND	25.0	1	09/04/25	09/04/25	
ND	50.0	1	09/04/25	09/04/25	
	98.6 %	61-141	09/04/25	09/04/25	
mg/kg	mg/kg	Analy	/st: TP		Batch: 2536056
ND	20.0	1	09/04/25	09/04/25	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MD 20.0 103 % mg/kg ND 25.0 ND 50.0 98.6 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 98.6 % 70-130 mg/kg mg/kg Analy ND 20.0 1 103 % 70-130 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 98.6 % 61-141 61-141 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25 mg/kg Mg/kg Analyst: NV	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 ND 0.0500 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25



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	9/10/2025 3:59:36PM

S3-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		103 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: TP		Batch: 2536056
	ND	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S3-2'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: BA		Batch: 2536051
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0500	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
	96.0 %	70-130	09/04/25	09/08/25	
mg/kg	mg/kg	Analy	vst: BA		Batch: 2536051
ND	20.0	1	09/04/25	09/08/25	
	104 %	70-130	09/04/25	09/08/25	
mg/kg	mg/kg	Analy	vst: NV		Batch: 2536043
ND	25.0	1	09/04/25	09/04/25	
ND	50.0	1	09/04/25	09/04/25	
	101 %	61-141	09/04/25	09/04/25	
mg/kg	mg/kg	Analy	vst: TP		Batch: 2536056
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 104 % mg/kg ND 25.0 ND 50.0 101 %	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0% 70-130 mg/kg mg/kg Analy ND 20.0 1 MD 25.0 1 ND 50.0 1 101% 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 ND 0.0500 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25



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	9/10/2025 3:59:36PM

S3-3'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2536051
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
ND	0.0500	1	09/04/25	09/08/25	
ND	0.0250	1	09/04/25	09/08/25	
	94.3 %	70-130	09/04/25	09/08/25	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2536051
ND	20.0	1	09/04/25	09/08/25	
	107 %	70-130	09/04/25	09/08/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2536043
ND	25.0	1	09/04/25	09/05/25	
ND	50.0	1	09/04/25	09/05/25	
	101 %	61-141	09/04/25	09/05/25	
		A1	vot. TD		D + 1 252(05)
mg/kg	mg/kg	Anai	yst: TP		Batch: 2536056
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mD 0.0250 mg/kg mg/kg nD 20.0 107 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 MB/kg mg/kg Anal ND 20.0 1 Mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 ND 25.0 1 09/04/25 ND 50.0 1 09/04/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 ND 0.0500 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 ND 0.0250 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/08/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 09/05/25 ND 50.0 1 09/04/25 09/05/25



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	9/10/2025 3:59:36PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	09/04/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		97.2 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2536056



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	9/10/2025 3:59:36PM

S4-SURFACE

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		96.1 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2536056
	ND	20.0		09/04/25	09/04/25	<u> </u>



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	9/10/2025 3:59:36PM

S4-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		100 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2536056
Chloride	ND	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S4-2'

		Reporting				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		101 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2536056
Chloride	24.1	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S4-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2536051
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		99.7 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2536056
Chloride	27.2	20.0	1	09/04/25	09/04/25	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	
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Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

S4-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	09/04/25	09/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		98.8 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2536056
Chloride	27.2	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S5-Surface E509019-21

		E309019-21				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536052
Benzene	ND	0.0250	1	09/04/25	09/05/25	34.01. 200002
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	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		98.5 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2536057
Chloride	228	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S5-1'

Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536052
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0500	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
	91.1 %	70-130	09/04/25	09/05/25	
mg/kg	mg/kg	Analyst: BA		Batch: 2536052	
ND	20.0	1	09/04/25	09/05/25	
	91.6 %	70-130	09/04/25	09/05/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2536044
ND	25.0	1	09/04/25	09/04/25	
ND	50.0	1	09/04/25	09/04/25	
	104 %	61-141	09/04/25	09/04/25	
mg/kg	mg/kg	Ana	llyst: DT		Batch: 2536057
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 91.1 % mg/kg MD 20.0 91.6 % mg/kg ND 25.0 ND 50.0 104 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 70-130 mg/kg mg/kg Ana ND 20.0 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 104 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0500 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 MD 0.0250 1 09/04/25 09/05/25 MD 70-130 09/04/25 09/05/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	
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Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

S5-2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.1 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ar	Analyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: 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	
Surrogate: n-Nonane		99.4 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2536057
Chloride	323	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S5-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		98.1 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2536057
Chloride	1460	20.0	1	09/04/25	09/04/25	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	
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Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

S5-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		99.2 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2536057



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	
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Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

S6-SURFACE

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		102 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2536057
Chloride	ND	20.0	1	09/04/25	09/04/25	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	
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Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

S6-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		102 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2536057
Chloride	ND	20.0	1	09/04/25	09/04/25	_
Chioride	- 12	20.0				



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	9/10/2025 3:59:36PM

S6-2'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536052
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0500	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
	93.7 %	70-130	09/04/25	09/05/25	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536052
ND	20.0	1	09/04/25	09/05/25	
	91.5 %	70-130	09/04/25	09/05/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2536044
ND	25.0	1	09/04/25	09/04/25	
ND	50.0	1	09/04/25	09/04/25	
	99.1 %	61-141	09/04/25	09/04/25	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2536057
88	8 8		•		
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mD 0.0250 mg/kg mg/kg MD 20.0 91.5 % mg/kg ND 25.0 ND 50.0 99.1 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 91.5 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 99.1 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0500 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 61-141



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	9/10/2025 3:59:36PM

S6-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		102 %	61-141	09/04/25	09/04/25	
	/1	ma/ka	Analys	st· DT		Batch: 2536057
Anions by EPA 300.0/9056A	mg/kg	mg/kg	7 Indry			Butch: 2330037



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	9/10/2025 3:59:36PM

S6-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		103 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2536057
Chloride	ND	20.0	1	09/04/25	09/04/25	_



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	9/10/2025 3:59:36PM

S7-Surface E509019-31

	E309019-31				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: BA	<u>-</u>	Batch: 2536052
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0500	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
	92.8 %	70-130	09/04/25	09/05/25	
mg/kg	mg/kg	Analy	st: BA		Batch: 2536052
ND	20.0	1	09/04/25	09/05/25	
	91.4 %	70-130	09/04/25	09/05/25	
mg/kg	mg/kg	Analy	st: NV		Batch: 2536044
ND	25.0	1	09/04/25	09/04/25	
ND	50.0	1	09/04/25	09/04/25	
	102 %	61-141	09/04/25	09/04/25	
mg/kg	mg/kg	Analy	st: DT		Batch: 2536057
ND	20.0	1	09/04/25	09/04/25	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 92.8 % mg/kg MB/kg mg/kg ND 20.0 91.4 % mg/kg ND 25.0 ND 50.0 102 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 92.8 % 70-130 70-130 mg/kg mg/kg Analy ND 20.0 1 Mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 102 % 61-141 61-141 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25 ng/kg mg/kg Analyst: NV	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0500 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 MD 0.0250 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25



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	9/10/2025 3:59:36PM

S7-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		102 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2536057
Chloride	29.8	20.0	1	09/04/25	09/04/25	· · · · · · · · · · · · · · · · · · ·



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	9/10/2025 3:59:36PM

S7-2'

Reporting Limit mg/kg	Dilution	Prepared	Analyzed	Notes
		•	Analyzed	Notes
mg/kg	Analyst	D.A		
	111111750	: BA		Batch: 2536052
0.0250	1	09/04/25	09/05/25	
0.0250	1	09/04/25	09/05/25	
0.0250	1	09/04/25	09/05/25	
0.0250	1	09/04/25	09/05/25	
0.0500	1	09/04/25	09/05/25	
0.0250	1	09/04/25	09/05/25	
.3 %	70-130	09/04/25	09/05/25	
mg/kg	Analyst	:: BA		Batch: 2536052
20.0	1	09/04/25	09/05/25	
0.6 %	70-130	09/04/25	09/05/25	
mg/kg	Analyst	:: NV		Batch: 2536044
25.0	1	09/04/25	09/04/25	
50.0	1	09/04/25	09/04/25	
.6%	61-141	09/04/25	09/04/25	
mg/kg	Analyst	: DT		Batch: 2536057
	0.0250 0.0250 0.0500 0.0250 3 % mg/kg 20.0 .6 % mg/kg 25.0 50.0	0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.03 % 70-130 mg/kg Analyst 20.0 1 0.6 % 70-130 mg/kg Analyst 25.0 1 50.0 1	0.0250 1 09/04/25 0.0250 1 09/04/25 0.0500 1 09/04/25 0.0250 1 09/04/25 0.0250 1 09/04/25 3 % 70-130 09/04/25 mg/kg Analyst: BA 20.0 1 09/04/25 mg/kg Analyst: NV 25.0 1 09/04/25 50.0 1 09/04/25	0.0250 1 09/04/25 09/05/25 0.0250 1 09/04/25 09/05/25 0.0500 1 09/04/25 09/05/25 0.0250 1 09/04/25 09/05/25 0.0250 1 09/04/25 09/05/25 .3 % 70-130 09/04/25 09/05/25 mg/kg Analyst: BA 20.0 1 09/04/25 09/05/25 mg/kg Analyst: NV 25.0 1 09/04/25 09/04/25 50.0 1 09/04/25 09/04/25



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	9/10/2025 3:59:36PM

S7-3'

Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536052
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0500	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
	93.4 %	70-130	09/04/25	09/05/25	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536052
ND	20.0	1	09/04/25	09/05/25	
	91.0 %	70-130	09/04/25	09/05/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2536044
ND	25.0	1	09/04/25	09/05/25	
ND	50.0	1	09/04/25	09/05/25	
	97.2 %	61-141	09/04/25	09/05/25	
mg/kg	mg/kg	Anal	lyst: DT		Batch: 2536057
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 MD 0.0250 93.4 % mg/kg MD 20.0 91.0 % mg/kg ND 25.0 ND 50.0 97.2 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 93.4 % 70-130 mg/kg mg/kg Ana ND 20.0 1 91.0 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 97.2 % 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0500 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 09/05/25 ND 50.0 1 09/04/25 09/05/25 ND 50.0 1 09/04/25 09/05/25 97.2 % 61-141



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	9/10/2025 3:59:36PM

S7-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		98.6 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2536057
Chloride	1090	20.0	1	09/04/25	09/04/25	•



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	9/10/2025 3:59:36PM

S8-SURFACE

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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		96.4 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2536057
Chloride	ND	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S8-1'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		98.4 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2536057
Chloride	173	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		103 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2536057
	513	20.0		09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S8-3'

Reporting						
Result	Limit	Dilution	Prepared	Analyzed	Notes	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536052	
ND	0.0250	1	09/04/25	09/06/25		
ND	0.0250	1	09/04/25	09/06/25		
ND	0.0250	1	09/04/25	09/06/25		
ND	0.0250	1	09/04/25	09/06/25		
ND	0.0500	1	09/04/25	09/06/25		
ND	0.0250	1	09/04/25	09/06/25		
	91.1 %	70-130	09/04/25	09/06/25		
mg/kg	mg/kg	Ana	llyst: BA		Batch: 2536052	
ND	20.0	1	09/04/25	09/06/25		
	88.2 %	70-130	09/04/25	09/06/25		
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2536044	
ND	25.0	1	09/04/25	09/05/25		
ND	50.0	1	09/04/25	09/05/25		
	103 %	61-141	09/04/25	09/05/25		
mg/kg	mg/kg	Ana	llyst: DT		Batch: 2536057	
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 88.2 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 70-130 mg/kg mg/kg Ana ND 20.0 1 88.2 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: NV mg/kg mg/kg Analyst: NV ND 25.0 1 09/04/25 ND 50.0 1 09/04/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/06/25 ND 0.0250 1 09/04/25 09/06/25 ND 0.0250 1 09/04/25 09/06/25 ND 0.0500 1 09/04/25 09/06/25 ND 0.0250 1 09/04/25 09/06/25 ND 0.0250 1 09/04/25 09/06/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/06/25 mg/kg mg/kg Analyst: BA 09/04/25 09/06/25 mg/kg mg/kg Analyst: NV 09/04/25 09/06/25 ND 25.0 1 09/04/25 09/05/25 ND 25.0 1 09/04/25 09/05/25 ND 50.0 1 09/04/25 09/05/25	



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	9/10/2025 3:59:36PM

S8-4'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	09/04/25	09/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2536052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	09/04/25	09/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: 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	
Surrogate: n-Nonane		102 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2536057
Chloride	900	20.0	1	09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S9-Surface E509019-41

	E309019-41				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: BA	<u> </u>	Batch: 2536053
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
ND	0.0500	1	09/04/25	09/05/25	
ND	0.0250	1	09/04/25	09/05/25	
	94.2 %	70-130	09/04/25	09/05/25	
mg/kg	mg/kg	Analy	st: BA		Batch: 2536053
ND	20.0	1	09/04/25	09/05/25	
	113 %	70-130	09/04/25	09/05/25	
mg/kg	mg/kg	Analy	st: KH		Batch: 2536045
ND	25.0	1	09/04/25	09/04/25	
ND	50.0	1	09/04/25	09/04/25	
	93.9 %	61-141	09/04/25	09/04/25	
mg/kg	mg/kg	Analy	st: TP		Batch: 2536059
ND	20.0	1	09/04/25	09/04/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 94.2 % mg/kg mg/kg ND 20.0 113 % mg/kg ND 25.0 ND 50.0 93.9 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Analy ND 20.0 1 113 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 93.9 % 61-141 61-141 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: KH ND 25.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25 mg/kg mg/kg Analyst: KH	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/05/25 ND 0.0500 1 09/04/25 09/05/25 ND 0.0250 1 09/04/25 09/05/25 MD 0.0250 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/05/25 mg/kg mg/kg Analyst: KH ND 25.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25



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	9/10/2025 3:59:36PM

S9-1'

	ъ.				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2536053
ND	0.0250	1	09/04/25	09/04/25	
ND	0.0250	1	09/04/25	09/04/25	
ND	0.0250	1	09/04/25	09/04/25	
ND	0.0250	1	09/04/25	09/04/25	
ND	0.0500	1	09/04/25	09/04/25	
ND	0.0250	1	09/04/25	09/04/25	
	97.3 %	70-130	09/04/25	09/04/25	
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2536053
ND	20.0	1	09/04/25	09/04/25	
	109 %	70-130	09/04/25	09/04/25	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2536045
ND	25.0	1	09/04/25	09/04/25	
ND	50.0	1	09/04/25	09/04/25	
	90.9 %	61-141	09/04/25	09/04/25	
mg/kg	mg/kg	Anal	lyst: TP		Batch: 2536059
	ND ND ND ND ND ND ND ND ND ND ND ND ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg ND 25.0 ND 50.0 90.9 %	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0 1 Inspect of the property	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0500 1 09/04/25 ND 0.0250 1 09/04/25 ND 0.0250 1 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 mg/kg mg/kg Analyst: KH ND 25.0 1 09/04/25 ND 50.0 1 09/04/25 ND 50.0 1 09/04/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/04/25 09/04/25 ND 0.0500 1 09/04/25 09/04/25 ND 0.0250 1 09/04/25 09/04/25 97.3 % 70-130 09/04/25 09/04/25 mg/kg mg/kg Analyst: BA ND 20.0 1 09/04/25 09/04/25 mg/kg mg/kg Analyst: KH ND 25.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25 ND 50.0 1 09/04/25 09/04/25



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	9/10/2025 3:59:36PM

S9-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		89.4 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2536059
Chloride	ND	20.0	1	09/04/25	09/04/25	



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	9/10/2025 3:59:36PM

S9-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		94.1 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2536059
Chloride	ND	20.0	1	09/04/25	09/05/25	•



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	9/10/2025 3:59:36PM

S9-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		93.3 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2536059
Chloride	ND	20.0	1	09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S10-SURFACE

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		90.2 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2536059
Chloride	8670	200	10	09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S10-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: 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	
Surrogate: n-Nonane		87.9 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: TP		Batch: 2536059
Chloride	5370	100	5	09/04/25	09/05/25	•



Chloride

Sample Data

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	9/10/2025 3:59:36PM

S10-2'

E509019-48							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	09/04/25	09/05/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2536053	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	09/04/25	09/05/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		
Surrogate: n-Nonane		91.5 %	61-141	09/04/25	09/04/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2536059	

20.0

464

09/04/25

09/04/25



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	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	Analy	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		86.8 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: TP		Batch: 2536059
Chloride	765	20.0	1	09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S10-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		113 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		88.9 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2536059
Chloride	1130	20.0	1	09/04/25	09/05/25	•



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	9/10/2025 3:59:36PM

S11-Surface E509019-51

		E307017-31				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2536053
Benzene	ND	0.0250	1	09/04/25	09/05/25	
thylbenzene	ND	0.0250	1	09/04/25	09/05/25	
oluene	ND	0.0250	1	09/04/25	09/05/25	
-Xylene	ND	0.0250	1	09/04/25	09/05/25	
,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
iurrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		90.4 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2536059
Chloride	783	20.0	1	09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S11-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		88.5 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2536059
Chloride	1640	20.0	1	09/04/25	09/05/25	•



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	9/10/2025 3:59:36PM

S11-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		88.4 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2536059
Chloride	447	20.0	1	09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S11-3'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: 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	
Surrogate: n-Nonane		93.2 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: TP		Batch: 2536059
Chloride	795	20.0	1	09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S11-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		88.4 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2536059
Chloride	336	20.0	1	09/04/25	09/05/25	·



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	9/10/2025 3:59:36PM

S12-SURFACE

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		91.1 %	61-141	09/04/25	09/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: TP		Batch: 2536059



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	9/10/2025 3:59:36PM

S12-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		91.9 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2536059
Chloride	339	20.0	1	09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S12-2'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		90.8 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2536059
Chloride	346	20.0	1	09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S12-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	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	
Surrogate: n-Nonane		93.3 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2536059
Chloride	709	20.0	1	09/04/25	09/05/25	



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	9/10/2025 3:59:36PM

S12-4'

E509019-60

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2536053
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		93.0 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2536059
Chloride	1680	20.0	1	09/04/25	09/05/25	



		QC Si	umm	ary Data	а				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	0	Cotton Draw 12 1058-0007	CTB 12				Reported:
Plains TX, 79355-0247		Project Manager:	Γ	Delrae Geller					9/10/2025 3:59:36PM
		Volatile O	rganics	by EPA 802	1B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2536051-BLK1)							Prepared: 0	9/04/25 A	analyzed: 09/08/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			
LCS (2536051-BS1)							Prepared: 0	9/04/25 A	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			
o,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: 0	9/04/25 A	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			
p-Xylene	4.84	0.0250	5.00	ND	96.8	70-130			
o,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: 0	9/04/25 A	analyzed: 09/08/25
Benzene	4.50	0.0250	5.00	ND	90.0	70-130	7.02	27	
	4.40		5.00	NID	00.6	70 120	7.10	26	

4.48

4.51

4.58

9.14

13.7

7.90

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

10.0

15.0

ND

ND

ND

ND

ND

89.6

90.2

91.6

91.4

91.4

70-130

70-130

70-130

70-130

70-130

70-130

7.10

7.04

5.55

6.72

6.33

26

20

25

23

26



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Cotton Draw 12 CTB 12 Pima Environmental Services-Carlsbad Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2536052-BLK1) Prepared: 09/04/25 Analyzed: 09/05/25 ND 0.0250 ND 0.0250 Ethylbenzene Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 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 4.83 5.00 96.6 70-130 Benzene 0.0250 Ethylbenzene 4.79 0.0250 5.00 95.8 70-130 4.82 0.0250 5.00 96.5 70-130 Toluene 4.95 99.1 o-Xylene 0.0250 5.00 70-130 9.47 10.0 94.7 70-130 0.0500 p.m-Xvlene 96.2 70-130 14.4 0.0250 15.0 Total Xylenes 8.00 91.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.28 Matrix Spike (2536052-MS1) Source: E509019-23 Prepared: 09/04/25 Analyzed: 09/05/25 5.19 0.0250 5.00 ND 70-130 Benzene ND 98.7 70-130 Ethylbenzene 4.94 0.0250 5.00 Toluene 5.09 0.0250 5.00 ND 102 70-130 4.96 ND 99.3 70-130 5.00 0.0250 o-Xylene p,m-Xylene 9.92 0.0500 10.0 ND 99.2 70-130 Total Xylenes 14.9 0.0250 15.0 ND 70-130 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.28 8.00

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			

5.00

Source: E509019-23

98.7

70-130

4.93

ND

Prepared: 09/04/25 Analyzed: 09/05/25

27

Matrix Spike Dup (2536052-MSD1)

4.94

0.0250

Benzene

Cotton Draw 12 CTB 12 Pima Environmental Services-Carlsbad Project Name: 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 Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2536053-BLK1) Prepared: 09/04/25 Analyzed: 09/04/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 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 4.62 92.4 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.55 0.0250 5.00 91.0 70-130 4.60 0.0250 5.00 92.1 70-130 Toluene o-Xylene 4.57 0.0250 5.00 91.4 70-130 9.25 10.0 92.5 70-130 0.0500 p.m-Xvlene 92.1 70-130 13.8 15.0 Total Xylenes 0.0250 8.00 94.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.58 Matrix Spike (2536053-MS1) Source: E509019-42 Prepared: 09/04/25 Analyzed: 09/04/25 4.22 0.0250 5.00 ND 84.3 70-130 Benzene 82.4 70-130 Ethylbenzene 4.12 0.0250 5.00 ND Toluene 4.19 0.0250 5.00 ND 83.7 70-130 4.20 ND 70-130 5.00 84.0 0.0250 o-Xylene p,m-Xylene 8.40 0.0500 10.0 ND 84.0 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.54 8.00 Matrix Spike Dup (2536053-MSD1) Source: E509019-42 Prepared: 09/04/25 Analyzed: 09/04/25 5.12 0.0250 5.00 ND 102 70-130 19.4 27

ND

ND

ND

ND

ND

101

102

101

102

102

97.0

5.00

5.00

5.00

10.0

15.0

8.00

5.05

5.10

5.03

10.2

15.3

7.76

0.0250

0.0250

0.0250

0.0500

0.0250

70-130

70-130

70-130

70-130

70-130

70-130

20.3

197

18.1

19.7

19.2

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cotton Draw 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller9/10/20253:59:36PM

Plains TX, 79355-0247		Project Manage	r: De	elrae Geller				9/	10/2025 3:59:36PM
	Non	Analyst: BA							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2536051-BLK1)							Prepared: 0	9/04/25 Ana	lyzed: 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: 0	9/04/25 Ana	lyzed: 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: 0	9/04/25 Ana	lyzed: 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: 0	9/04/25 Anal	lyzed: 09/04/25

50.0

8.00

20.0

8.85

ND

97.1

111

15.2

20

70-130

70-130

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw 12 CTB 12 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

Plains TX, 79355-0247		Project Manage	r: De	elrae Geller				9/1	0/2025 3:59:36PM
	Non	halogenated		Analyst: BA					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2536052-BLK1)							Prepared: 09	9/04/25 Anal	yzed: 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	9/04/25 Anal	yzed: 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	9/04/25 Anal	yzed: 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	9/04/25 Anal	yzed: 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			

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

Plains TX, 79355-0247		Project Manage		lrae Geller				9/	10/2025 3:59:36PM
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2536053-BLK1)							Prepared: 0	9/04/25 Anal	lyzed: 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: 0	9/04/25 Ana	lyzed: 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: 0	9/04/25 Ana	lyzed: 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: 0	9/04/25 Anal	lyzed: 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			



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

Plains TX, 79355-0247		Project Manage	r: De	elrae Geller				!	9/10/2025 3:59:36PM
	Nonhal	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2536043-BLK1)							Prepared: 0	9/04/25 Ar	nalyzed: 09/04/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	47.9		50.0		95.9	61-141			
LCS (2536043-BS1)							Prepared: 0	9/04/25 Ar	alyzed: 09/04/25
Diesel Range Organics (C10-C28)	266	25.0	250		107	66-144			
urrogate: n-Nonane	49.5		50.0		98.9	61-141			
Matrix Spike (2536043-MS1)				Source:	E509019-	02	Prepared: 0	9/04/25 Ar	alyzed: 09/04/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
urrogate: n-Nonane	49.1		50.0		98.2	61-141			
Matrix Spike Dup (2536043-MSD1)				Source:	E509019-	02	Prepared: 0	9/04/25 Ar	alyzed: 09/04/25
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156	1.65	20	
urrogate: n-Nonane	50.7		50.0		101	61-141			



Pima Environmental Services-CarlsbadProject Name:Cotton Draw 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller9/10/20253:59:36PM

Plains TX, 79355-0247		Project Manage	r: De	lrae Geller					9/10/2025 3:59:36PN
	Nonhal	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2536044-BLK1)							Prepared: 0	9/04/25 A1	nalyzed: 09/04/25
biesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	47.2		50.0		94.5	61-141			
.CS (2536044-BS1)							Prepared: 0	9/04/25 Aı	nalyzed: 09/04/25
viesel Range Organics (C10-C28)	265	25.0	250		106	66-144			
urrogate: n-Nonane	49.0		50.0		97.9	61-141			
Matrix Spike (2536044-MS1)				Source:	E509019-	32	Prepared: 0	9/04/25 Aı	nalyzed: 09/04/25
riesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156			
urrogate: n-Nonane	49.9		50.0		99.8	61-141			
Matrix Spike Dup (2536044-MSD1)				Source:	E509019-	32	Prepared: 0	9/04/25 A1	nalyzed: 09/04/25
tiesel Range Organics (C10-C28)	280	25.0	250	ND	112	56-156	4.44	20	
urrogate: n-Nonane	49.0		50.0		98.1	61-141			



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

Plains TX, 79355-0247		Project Manage	r: De	lrae Geller				ý	9/10/2025 3:59:36PN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2536045-BLK1)							Prepared: 0	9/04/25 An	alyzed: 09/04/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	43.9		50.0		87.9	61-141			
LCS (2536045-BS1)							Prepared: 0	9/04/25 An	alyzed: 09/04/25
Diesel Range Organics (C10-C28)	226	25.0	250		90.4	66-144			
urrogate: n-Nonane	44.0		50.0		88.1	61-141			
Matrix Spike (2536045-MS1)				Source:	E509019-	43	Prepared: 0	9/04/25 An	alyzed: 09/04/25
Diesel Range Organics (C10-C28)	235	25.0	250	ND	94.0	56-156			
urrogate: n-Nonane	46.3		50.0		92.6	61-141			
Matrix Spike Dup (2536045-MSD1)				Source:	E509019-	43	Prepared: 0	9/04/25 An	alyzed: 09/04/25
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.5	56-156	0.520	20	
Gurrogate: n-Nonane	46.2		50.0		92.3	61-141			



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

Plains 1X, /9355-024/		Project Manage	r: De	elrae Geller				9/.	10/2025 3:59:36PM
		Anions	by EPA 3	00.0/9056	4				Analyst: TP
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2536056-BLK1)							Prepared: 0	9/04/25 Ana	lyzed: 09/04/25
Chloride	ND	20.0							
LCS (2536056-BS1)							Prepared: 0	9/04/25 Ana	lyzed: 09/04/25
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2536056-MS1)				Source:	E509019-	05	Prepared: 0	9/04/25 Ana	lyzed: 09/04/25
Chloride	2070	40.0	250	1910	64.1	80-120			M4
Matrix Spike Dup (2536056-MSD1)				Source:	E509019-	05	Prepared: 0	9/04/25 Ana	lyzed: 09/04/25
Chloride	2060	40.0	250	1910	58.4	80-120	0.687	20	M4



Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw 12 CTB 12 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Delrae Geller	9/10/2025 3:59:36PM

1 mins 111, 75555 02 17		1 roject ivianage	г. Б	onae Gener					
		Anions	by EPA 3	00.0/9056 <i>A</i>	\				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2536057-BLK1)							Prepared: 0	9/04/25 Aı	nalyzed: 09/04/25
Chloride	ND	20.0							
LCS (2536057-BS1)							Prepared: 0	9/04/25 Aı	nalyzed: 09/04/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2536057-MS1)				Source:	E509019-	25	Prepared: 0	9/04/25 Aı	nalyzed: 09/04/25
Chloride	1050	20.0	250	802	100	80-120			
Matrix Spike Dup (2536057-MSD1)				Source:	E509019-	25	Prepared: 0	9/04/25 Aı	nalyzed: 09/04/25

250

802

80-120

20.0



Chloride

QC Summary Data

Pima Environmental Services-Carlsbac	i	Project Name:	C	otton Draw 12	2 CTB 12				Reported:
PO Box 247		Project Number:	: 0	1058-0007					
Plains TX, 79355-0247		Project Manager	:: D	elrae Geller					9/10/2025 3:59:36PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: TP
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2536059-BLK1)							Prepared: 0	9/04/25 A	nalyzed: 09/04/25
Chloride	ND	20.0							
LCS (2536059-BS1)							Prepared: 0	9/04/25 A	nalyzed: 09/04/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2536059-MS1)				Source:	E509019-	48	Prepared: 0	9/04/25 A	nalyzed: 09/04/25
Chloride	833	20.0	250	464	148	80-120			M2
Matrix Spike Dup (2536059-MSD1)				Source:	E509019-	48	Prepared: 0	9/04/25 A	nalyzed: 09/04/25

250

20.0

80-120

4.26

QC Summary Report Comment:

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



Definitions and Notes

ſ	Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 12 CTB 12	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	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.



						Chain of	Custo	ody												Page of
Project N	ma Environ lame: Cotto	n Draw 12	rvices, LLO CTB 12	c	Comp Address:	oice Information pany: Devon Energy		Lal E	20C		ıb Us	Job I	Numl	oer DO	7	1D 2	TAT			State
Address: City, Stat Phone: (3	Manager: De 5614 North te, Zip: Hobb 806) 724-53 elrae@pima	Lovingto os, NM 88 91	n Hwy		City, State, Zip: Phone: Email: Miscellaneous: F	PROJECT# 1-228-1			8015	215		Ana	lysis	and	Meth	nod			SDWA Compliar	PA Program CWA RCRA nce Y or N
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Sample Info	rmation	·			- ≥	GRO/DRO by 8015	, 8021	8260	a 300.0	¥. 80	Metals			ř	PWSID#	•
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Number	DRO/ORO	GRO/DI	BTEX by 8021	VOC by 8260	Chloride	TCEQ 1005 - TX	RCRA 8 Metals	200	2000	BGDOC - TX	Samle Temp	Remarks
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8-10		s			S1-4 ¹			5								,	,		2.3	
8112		s			S2-SURFACE			6								7	•		1.7	
8:12		S			S2-1'			7								,	,		1.6	
8:17		s			S2-2'			8								7	,		1.0	
4:15		s			S2-3'			9								7	,		1.7	
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(field sam ampled by		a validity and			are that tampering with o	r intentionally mislabeling t				Y				ered fr	aud ar	nd may b	e groi	unds fo		
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	<u>, , ,, ,, , , , , , , , , , , , , , , </u>			03/25	1300	Received by: (Signatu Received by: (Signatu Mariasa Received by: (Signatu	re)	nzel	es	Date	i-3	<u> </u>	<u> </u>		<u>30</u>	>			received pac	they are sampled or ked on ice at a temp
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	trix: S - Soil, Sd -					e made. Hazardous samp		tainer Tyj						_	_					

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City, Stat				240		Email:																SD\	NΑ	CWA	R	CRA
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Chain of Custody

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Client Information			Invoice Information				Lab Use Only							TAT			State							
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Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field Fiftered	Lab Numb		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Samle	Tem	Rer	marks
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11:33		s			\$12-2'			58	5									x			(. (0		
11:39		s			S12-3'			59										x			2	0		
11:42		S			512-4'			(0)	2									x			2.	2		
Addition	al Instruction	ons: Bill	ing : 2111	1670																	•			
I, (field sam Sampled by		alidity and	d authenticity	of this sample. I am awar	e that tampering with or i	ntentionally mislabeling th	e sam	ple location	on, da	te or	time of	colle	ction is	consi	dered 1	raud a	nd ma	y be g	rounds	for leg	al actio	n.		
Relinquish	ed by: (Signatu	tel		Date 9/3/25	Time 9:15	Received by: (Signatur	(C)	0000	Je.	٠,	Date	-3	-25	5	Time	09	15		1	1			quiring th nust be re	nermal ceived on
Relinquish	ed by: (Signatu	re)	nlec	Pate 9-3-25	Time 300	Received by: (Signatur	e do	nza	les	٦,	Date	-3	J.S	5	Time	130	<i>50</i>					•	•	mpled or at a temp
Relinquish	ed by: (Signatu			9-3-25	Time 2130	Andrei	ib.	Mu	LSS	S	Date Q	-3.	V		Time	<i>પ</i>	Bo	ı		a			less than quent day	
Reignico Pate q.y.25			Time 445	Received by: Mize atu	e V	Un.			ී ්	4.	2ª	~	Time	3	ח						Use Only			
Relinquished by: (Signature) Date Time Received by: (Signature)			र्ग	W		_	Date	<u> </u>	<u>ب ڪ</u>	<u> </u>	Time	יני	<u>ں</u>		Received on ice:									
Sample Ma	trix: \$ - Soil, Sd -	Solid. Se - Sli	udge. A - Aque	ous. O - Other	<u> </u>	1	Con	tainer T	ype:	g - s	lass.	p - pe	oly/pl	astic	j , ag -	ambe	r glas	ss, v -	VOA	L				
Note: Sam	ples are discar	ded 14 days	s after result	are reported unless ot	her arrangements are	made. Hazardous samp	es wi	l be retu	irned	to cli	ent or	disp	osed c	of at t	ne clie	nt exp	ense.	The	eport	for th	e anal	ysis of	the above	samples is

Printed: 9/4/2025 10:17:16AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	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 (day TAT)		
1. Does t 2. Does t 3. Were s 4. Was th 5. Were a Sample 7 6. Did the Sample 0 7. Was a 8. If yes, 9. Was th	sample cooler received? was cooler received in good condition? e sample(s) received intact, i.e., not broken?	ested analyses?	Yes Yes Yes Yes Yes Yes Yes Yes	Carrier: <u>C</u>		. WOs are E509019
	custody/security seals present?		No			
12. Was th	were custody/security seals intact? seample received on ice? Note: Thermal preservation is not required, if samples at 15 minutes of sampling COC for individual sample temps. Samples outside of		NA Yes	ments		
	1 1 1	. 0 C-0 C will be	recorded iii colli	monto.		
14. Are a 15. Are V 16. Is the 17. Was a 18. Are n 19. Is the Field La 20. Were	queous VOC samples present? /OC samples collected in VOA Vials? head space less than 6-8 mm (pea sized or less)? head space less than 6-8 mm (pea sized or less)? he trip blank (TB) included for VOC analyses? on-VOC samples collected in the correct containers appropriate volume/weight or number of sample containers appropriate volume/	iners collected? Formation:	No NA NA NA Yes Yes Yes No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
26. Does 27. If yes	ase Sample Matrix the sample have more than one phase, i.e., multipha, does the COC specify which phase(s) is to be analact Laboratory		No NA			
28. Are s	amples required to get sent to a subcontract laborate	-	No			
	a subcontract laboratory specified by the client and i	f so who?	NA Subco	ontract Lab	: NA	
Client I	nstruction					
Signa	ture of client authorizing changes to the COC or sample di	sposition.			Date	- envirotech Ir

Report to:

Delrae Geller



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: 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

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

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

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

Respectfully,

Walter Hinchman

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Client Representative

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Sample Summary

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

Client Sample ID	Lab Sample ID Mat	rix Sampled	Received	Container
CS21- 0-4' Comp	E501141-01A So	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CS22- 0-4' Comp	E501141-02A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CS23- 0-4' Comp	E501141-03A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CS24- 0-4' Comp	E501141-04A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CS25- 0-4' Comp	E501141-05A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CS26- 0-4' Comp	E501141-06A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CS27- 0-4' Comp	E501141-07A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CSW1- 0-4' Comp	E501141-08A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CSW2- 0-4' Comp	E501141-09A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CSW3- 0-4' Comp	E501141-10A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CSW4- 0-4' Comp	E501141-11A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CSW5- 0-4' Comp	E501141-12A So	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CSW6- 0-4' Comp	E501141-13A So	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CSW7- 0-4' Comp	E501141-14A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.
CS28- 0-4' Comp	E501141-15A So:	1 01/17/25	01/22/25	Glass Jar, 2 oz.



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	1/22/2025 3:08:20PM

CS21- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dil	ution	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		100 %	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		99.7 %	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	
Surrogate: Bromofluorobenzene		100 %	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		99.7 %	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	<u> </u>
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: 2504069
Chloride	ND	20.0		1	01/22/25	01/22/25	



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	1/22/2025 3:08:20PM

CS22- 0-4' Comp

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	5 01/22/25	
Surrogate: Bromofluorobenzene		98.0 %	70-130	01/21/25	5 01/22/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	01/21/25	5 01/22/25	
Surrogate: Toluene-d8		97.9 %	70-130	01/21/25	5 01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2504072
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	5 01/22/25	
Surrogate: Bromofluorobenzene		98.0 %	70-130	01/21/25	5 01/22/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	01/21/25	5 01/22/25	
Surrogate: Toluene-d8		97.9 %	70-130	01/21/23	5 01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2504066
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	5 01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	5 01/22/25	
Surrogate: n-Nonane		99.4 %	50-200	01/22/23	5 01/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2504069
Amons by ETA 500.0/3030A						



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	1/22/2025 3:08:20PM

CS23- 0-4' Comp

Reporting							
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	A		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	1	Analyst: B	A		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	1	Analyst: N	V		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	1	Analyst: D	Т		Batch: 2504069
Amons by EPA 500.0/9050A							



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	1/22/2025 3:08:20PM

CS24- 0-4' Comp

	Reporting							
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	A		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	I	Analyst: B	A		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: N	V		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	1	Analyst: D	Т		Batch: 2504069	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								



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	1/22/2025 3:08:20PM

CS25- 0-4' Comp

Reporting							
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	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	1	Analyst: B	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	1	Analyst: N	IV		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	
A . I EDA 200 0/005/A	mg/kg	mg/kg	1	Analyst: D	DΤ		Batch: 2504069
Anions by EPA 300.0/9056A	<u> </u>						



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	1/22/2025 3:08:20PM

CS26- 0-4' Comp

Reporting							
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	A		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	1	Analyst: B	A		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	1	Analyst: N	V		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	
	mg/kg	mg/kg	1	Analyst: D	T		Batch: 2504069
Anions by EPA 300.0/9056A	mg ng	88					



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	1/22/2025 3:08:20PM

CS27- 0-4' Comp

Reporting							
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: E	ВА		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	1	Analyst: E	ВА		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	1	Analyst: N	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	1	Analyst: Γ	DT		Batch: 2504069



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	1/22/2025 3:08:20PM

CSW1- 0-4' Comp

Reporting							
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: DT		Batch: 2504069	
7 HIOHS DY E117 500:0/203011							



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	1/22/2025 3:08:20PM

CSW2- 0-4' Comp

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	Α	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	A	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	Α	analyst: DT		Batch: 2504069
Allons by EPA 500.0/9050A						



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	1/22/2025 3:08:20PM

CSW3- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	kg Analyst: BA		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		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
Amons by EFA 500.0/9030A							



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	1/22/2025 3:08:20PM

CSW4- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	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	1	Analyst: I	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	1	Analyst: 1	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	ı	Analyst: I	DT		Batch: 2504069
11110113 by E111 500:0/703011							



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	1/22/2025 3:08:20PM

CSW5- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: DT			Batch: 2504069
Allions by ETA 500.0/3030A							



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	1/22/2025 3:08:20PM

CSW6- 0-4' Comp

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	P	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	A	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	
A: b EDA 200 0/005/ A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2504069
Anions by EPA 300.0/9056A						



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	1/22/2025 3:08:20PM

CSW7- 0-4' Comp

Reporting									
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: B	A		Batch: 2504072		
Benzene	ND	0.0250	1	1	01/21/25	01/22/25			
Ethylbenzene	ND	0.0250	1	1	01/21/25	01/22/25			
Toluene	ND	0.0250	1	1	01/21/25	01/22/25			
o-Xylene	ND	0.0250	1	1	01/21/25	01/22/25			
p,m-Xylene	ND	0.0500	1	1	01/21/25	01/22/25			
Total Xylenes	ND	0.0250	1	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: B	A		Batch: 2504072		
Gasoline Range Organics (C6-C10)	ND	20.0	1	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	<u> </u>	Analyst: N	IV		Batch: 2504066		
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/22/25	01/22/25			
Oil Range Organics (C28-C36)	ND	50.0	1	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: D	T		Batch: 2504069		
Chloride	ND	20.0	1	1	01/22/25	01/22/25			



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	1/22/2025 3:08:20PM

CS28- 0-4' Comp

		Reporting					
Analyte	Result	Limit	Dilut	tion Pro	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: DT			Batch: 2504069
Allions by ETA 500.0/7050A							



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller1/22/20253:08:20PM

Plains TX, 79355-0247		Project Manage		elrae Geller				1/2	2/2025 3:08:20PM
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504072-BLK1)							Prepared: 0	1/21/25 Anal	yzed: 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: 0	1/21/25 Anal	yzed: 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: 0	1/21/25 Anal	yzed: 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			
~									

0.500

70-130



Surrogate: Toluene-d8

0.480

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller1/22/20253:08:20PM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Anal	

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

Blank (2504072-BLK1)						Prepared: 0	1/21/25 Ana	alyzed: 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: 0	1/21/25 Ana	alyzed: 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: 0	1/21/25 Ana	alyzed: 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			



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

Plains TX, 79355-0247		Project Manager	r: De	elrae Geller				1/	22/2025 3:08:20PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - 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
Blank (2504066-BLK1)							Prepared: 0	1/21/25 Ana	lyzed: 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: 0	1/21/25 Ana	lyzed: 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: 0	1/21/25 Ana	lyzed: 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			

LCS Dup (2504069-BSD1)

Chloride

257

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

20

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Cotton Draw Ur 1058-0007 Delrae Geller	nit 12 CTE	3 12		1	Reported: /22/2025 3:08:20PM
		Anions l	by EPA	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N .
Blank (2504069-BLK1)	mg/kg	mg/kg	mg/kg	mg/kg	%	%	% Prepared: 0	% 1/21/25 An	Notes alyzed: 01/22/25
Chloride	ND	20.0					Treputeur o	1/21/20 1111	,2.ca. 01/ 2 2/20
LCS (2504069-BS1)							Prepared: 0	1/21/25 An	alyzed: 01/22/25
Chloride	257	20.0	250		103	90-110			

250

20.0

103

90-110

0.145

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.



	Clion	t Inform	ation				Invoice In	formation				La	b Us	e On	ly				TA	AT				ate		
					-	Comp	any: Devon Ener	rev		Lab	WO	#		Job I	Numb	per		1D	2D	3D !	Std	NM	col	JT T	X	
Client: Pir	ma Environme ame: Cotton	Draw Un	it 12 CTR	12		Addre		В			5011			010	58-	000	7	X				X				
	lanager: DelR			12		-	State, Zip:				位出	E St	(Colored		8				2 -6	7.55		10000	No.		- Water	
	5614 N Lovin			19-		Phone								Ana	lysis	and	Met	hod					A Pro			
	e, Zip: Hobbs					Email				100												SDWA	CWA	A	RCRA	-
	06-724-5391	, IVIVI OGZ	-10				laneous: Project	No. 1-228-1		181											-				1	-
	Irae@pimaoi	Lcom				IVII SCCII					115	115	1		LUE	-						omplian	e	Y	or N	
Linaii. uc	nacte pinico) × 8C) 8 K	22	0	0.0	Σ	×	tals	n Pig		F	PWSID #				
-				Sample	Inforn	nation			100		8	108	v 80	, 826	Se 30	Z	- 500	3 Me	Anio				Danie	ales.		
Time Sampled	Date Sampled	Matrix	No. of Containers			Sa	imple ID	T Committee	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				Rema	rks		
4:30	1/17/2025	S		CS21- 0-4' C	omp					1						X						Thec	eiv	ed		
4:46	1/17/2025	S		CS22- 0-4' C	Comp					2						X						add	Hon	al		
5:01	1/17/2025	S		CS23- 0-4' C	Comp					3						х						DUN	ple	V	lot.	
5:26	1/17/2025	S		CS24- 0-4' C	Comp			THE STATE OF		4						x						Liste	d	DY	Co	C.
5:39	1/17/2025	S		CS25- 0-4' (Comp	100	13. 14			5						x						Add	tod	5	an	plo
6:00	1/17/2025	S		CS26- 0-4' (Comp					6						x						Per	G	Oi		
6:17	1/17/2025	S		CS27- 0-4' (Comp					7						x						1/22	120	5(m	
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)	The Land			10						х										
Addision	nal Instructio	nc: W/	0 # 2111	1670				Dream P																		
A CONTRACTOR OF THE PARTY OF TH													1.1.												-	-
I. (field sam	pler), attest to the	e validity and	d authenticity	of this sample. I	am awar	re that tan	mpering with or intent	ionally mislabeling t	e sami	ple location,	date	or time	of colle	ection i	s consi	dered t	raud a	and ma	sy be g	rounds	for lega	l action.				
	: Andrew Franco								-					_	-							t be received	on ice th	e day th	ey are	
Relinquish	ned by: (Signatu	re)	Date		me	F	Received by: (Signat	ure)	Date		Tin	ne 7 1 1 c	_			samp	led or	received	d packe	d in ice a	it an avg	temp above (but less	than 6 °	Con	
and	new Fro	anco		117	8:05		Jasmine		1	117	1	3:15) 	-		anten	munat	dans				e Only				
Relinquist	ned by: (Signatu	re)	Date		ime		Received by: (Signat		Date	21.25	Lin	143	D			Do	-aire	ed on	ica		0/ N	,c omy				
Dasi	mine H	varado			2:31	U	Michele	Gengrie	Date		Tin	_	<u></u>	-		ned	Leive	eu on	ice.	-	// "					
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Relinguis	hed by: (Signatu	ire)	Date /		123		Received by: (Signat	Ture)	Date -	77-72	Tin	150	0			AV	G Te	mp °	c_L	1_			3/			
Comple M	atrix: S - Soil, Sd - S	Solid. Se - Sle	-	-		-	Tong Street	110/65	Cor	tainer Iv	me: p	- glas	s, p -	poly/	plast	c, ag	- am	ber g	lass,	v - VO	A		t - 1			
The second second	A	Jan 4 4 days	a after enem	te are reported	unless	other arr	rangements are mad	de. Hazardous san	iples v	vill be retu	rned t	to clier	nt or d	ispose	d of a	t the	lient	expen	ise. Ti	ne repo	ort for	the analysi	s of the	above	sample	62
is applica	ble only to thos	e samples i	received by	the laboratory	with this	s COC. Th	he liability of the lab	poratory is limited	to the	amount p	aid fo	r on th	ie rep	ort.		_			-	-			-			



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Chain of Custody

	Clles	A Inform	ntlon	and the second			Invoice I	nformation					Lal	b Use	Onl	У				TA	T				State		
		t Inform				Compa	ny: Devon Ene	AND SALES	1	1:	ab W	VO#		T	Job N	lumb	oer		1D	2D	3D	Std	1	MM C	O UT	TX	
Client: Pir	na Environm	ental Ser	vices, LLC	12	1	Addres		SI KY		F	5	110	41		010				X					X			
	ame: Cotton			12			tate, Zip:			19	No.			1.430	183		350	1100	382	1	50.4			S. Carl		E WHEN	
	lanager: DelR					Phone:					Γ				Ana	lysis	and	Meti	hod					_	Progra		
	5614 N Lovin			-		Email:		TO STATE OF THE ST		100	100		T		T				PIPE				SDV	/A	CWA	RCRA	
	e, Zip: Hobbs	, NIVI 882	40		100			t No. 1-228-1	-							1	0 1/6										
	06-724-5391				-	iviiscena	meous: Projec	1 140. 1-220-1				10	r.										Comp	liance	Y	or N	
Email: de	lrae@pimaoi	i.com			1				4.			8015	8015	-1		0.0		×	als	Pkg			PWS	D#			
				Sample I	nfor	mation	-					(O b)	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	1						
				Jampie	mori				P 2	Lab	,	DRO/ORO	ND/DB	X by	yd .	oride	200	0.10	8	an/A				F	Remarks		
Time Sampled	Date Sampled	Matrix	No. of Containers			San	nple ID		Field	Lab Numb	oer	DRC	GRC	BTE	NO.	5	BGI	TCE	RCF	Cat							-
7:15	1/17/2025	S		CSW4- 0-4' C	omp			THE NEW		11							X										
7:23	1/17/2025	S		CSW5- 0-4' C	omp					12	2						x										
7:31	1/17/2025	S		CSW6- 0-4' C	omp		4 (1)			13	3						х										
7:39	1/17/2025	S		CSW7- 0-4' C	Comp					14	1						х										
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Additio	nal Instruction	ns: W/	0 # 2111	1670	-																						
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		e validity and	dauthenticity	of this sample. I a	ım awa	re that tamp	pering with or inter	ntionally mislabeling t	esam	pie iocati	ion, di	ate of	thine o	Conc													
CERCITAL CONTRACTOR	Andrew Franco		Te :	1+-	-	Inc	eceived by: (Signa	ature)	Date	2		Time	-				Samp	les req	uiring ti	hermal p	preserva	ation m	ust be re	ceived o	n ice the da	y they are	
	ned by: (Signatu		Date	Tim	.05	- 1	asmine		10 10 10 10 10	117		8	10				samp	led or i	eceived	d packed	in ice a	at an av	g temp a	bove 0 b	ut less than	6 °C on	
and	rew fro	anco				Pe	eceived by: (Signa	ature)	Date			Time			1		- Lauber	-	ALSUA		l	Lab U	Ise O	nly			
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h Sale	J Jl.					315	aspen 1	C 1484	Cor	ntainer	Typ	b. a -	plass	n - 1	poly/	plasti	c. ag	- am	ber g	lass, v	- VO	A					
Sample M.	trix: S - Soil, Sd -	Solid, Sg - Slu	idge, A - Aqu	eous, O - Other	unloss	other arra	ngements are m	ade. Hazardous san	nples w	will be re	eturn	ed to	client	or di	spose	d of a	t the	lient	expen	se. Th	ne repo	ort for	the a	nalysis	of the ab	ove samp	es
Note: Sar	nples are discar	ded 14 day	s after resu	the laboratory w	ith th	is COC. The	liability of the la	aboratory is limited	to the	amoun	it pai	d for	on the	repo	rt.								4.10				
is applica	die only to thos	e samples i	eceived by	the laboratory w	and the						- Charles		-							-	the latest		TEL III	-			



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Chain of Custody

	Clion	t Inform	ation			Invoice Information					Lab U	se On	ly				TA			State	
Client, Di	ma Environme				Com	pany: Devon Energy		La	b WC	O#			Numl			1D	2D	3D Std		CO UT	TX
lient: Pi	ame: Cotton	Draw Un	it 12 CTR	12	_	ress:		E	501	114	1	010	58-	000	7	X			X		
	lanager: DelR			12		, State, Zip:													and a service		- Y
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	e, Zip: Hobbs,				Ema			100	10										SDWA	CWA	RCRA
	06-724-5391	IVIVI DOZ	40			ellaneous: Project No. 1-228-	1	141													
	Irae@pimaoi	com			IVIISC	sharicous. Trojece No. 2 220	~		2015	2 5									Complian	ce Y	or N
Email: de	паешрипаот	i.com							08.7	2 8	21	0	0.0	2	×	tals	Pkg		PWSID #		
-				Samp	le Information	i				5 6	y 800	, 8260	le 30	Z ·	- 500	3 Me	Anior			Danisali	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	er a	DRO/ORO BY 8015	BTEX by 8021	voc by	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg			Remarks	
4:30	1/17/2025	S		CS21- 0-4	Comp			1						х	1						
4:46	1/17/2025	S		CS22- 0-4	Comp			2						х							
5:01	1/17/2025	S		CS23- 0-4	' Comp			3						X							
5:26	1/17/2025	S		CS24- 0-4	' Comp			4		1				Х							
5:39	1/17/2025	S		CS25- 0-4	' Comp			5						Х							
6:00	1/17/2025	S		CS26- 0-4	' Comp			6						Х	VI.						
6:17	1/17/2025	S		CS27- 0-4	' Comp			7						Х							
6:34	1/17/2025	S		CSW1- 0-	4' Comp			8						Х					-		
6:42	1/17/2025	S		CSW2- 0-	4' Comp			9						Х							
6:59	1/17/2025	S		CSW3- 0-	4' Comp			17)					Х							
	nal Instructio																	1.5.1			
I, (field san	pler), attest to the	validity and	d authenticit	y of this sample	. I am aware that t	ampering with or intentionally mislabel	ng the sam	ple locatio	n, date	e or tim	e of col	ection	s consi	dered t	raud a	nd ma	y be gr	ounds for it	egal action.		
Sampled b	y: Andrew Franco					La contraction of the contractio	Date		IT	Time		100	-	Samp	les requ	uiring th	nermal p	preservation	must be receive	on ice the da	y they are
	hed by: (Signatu		Dat		Time	Received by: (Signature)		117		8:1	-			samp	led or r	eceived	packed	in ice at an	avg temp above	0 but less tha	n 6 °C on
dro	rew Fro	unco		117_	8:05	Received by: (Signature)	n Dat	1 . 1	-	Time	3	-		cube	aunnt.	dau		Lab	Use Only		
	hed by: (Signatu		Dat		Time	Michaele Gover	lec 1	-21.2		14	30			Red	eive	d on	ice:		700		
UCIS	mine H	varado		121	2:30	Received by: (Signature)	Dat		T	Time		1		1			1020				
Relinguis	hed by: (Signatu	re)	les la	11.25	1630	hand .H.	Dat	.11.		Time	70	5		<u>T1</u>	-		_	<u>T2</u>		<u>T3</u>	
Relinquis	hed by: (Signatu	re)	Dat /.	21.25	2315	Received by: (Signature)	11-	22-2 ntainer	3	05	00	noly	nlact	AV	G Te	mp °	C_L	(- VOA			
Sample M	atrix: S - Soil, Sd - S	iolid, 5g - Slu	idge, A - Aqu	eous, O - Other			Co	ntainer	rype:	B-8	ass, p	poly	high	t the	liant	ovnen	co Th	e report fo	or the analys	is of the al	ove samples
M. A. C.	vales are discorr	ded 14 day	c after resi	Its are report	ed unless other a	rrangements are made. Hazardous	samples	will be re	turned	for on	the re	nort	u UI d	L tile t	ciic	cubell	Je. (1)	po		2000	1



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	CII	nt Inform	ation	700	Invoice Informa	tion				La	b Us	e On	ly				TA				State	
				Det.	Company: Devon Energy		1	ab V	NO#			Job I	Numb	per		1D	2D	3D S	td	NM	co ut	TX
Client: Pi	ma Environm	ental Ser	vices, LLC	12				E5	DI	41			58			X				X		
	ame: Cotton			12	Address:		-		~11	Sec. Sec.	ELWIS		٥٥			195		27.12				
	lanager: DelR			12	City, State, Zip:		-	Г			9 108	Δna	lysis	and	Meth	hod				EP	A Progra	m
	5614 N Lovin			- 12	Phone:		-	111			-	Alla	llysis	anu	I	100			-	DWA	CWA	RCRA
City, Stat	e, Zip: Hobbs	NM 882	40		Email:		_						0 .						-			
	06-724-5391			191	Miscellaneous: Project No. 1-	-228-1				1			1			V 1			Co	mplianc	e Y	or N
	Irae@pimaoi	l.com					0	0.3/1	015	015		1	100				100		_	WSID #	- -	01 11
									by 8	by 8	121	9	00.0	Σ	×	etale	n Pk		P	WSID#		
				Sample Info	rmation				SRO	NO I	9 80	y 82(Je 3(C. N	900	8 M	/Anio				Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	Lal Num	b ber	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				Kemarks	
7:15	1/17/2025	S		CSW4- 0-4' Comp)		1							x								
7:23	1/17/2025	S		CSW5- 0-4' Comp)		1:	2						x								
7:31	1/17/2025	5		CSW6- 0-4' Com)		13	3						х								
7:39	1/17/2025	S		CSW7- 0-4' Com	0		10	1						х					4			
			4				r															
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											_			-	-	-	-	\vdash	4			
Additio	nal Instructio	ns: W/	O # 2111	1670																		
I, (field san	pler), attest to the	e validity an	d authenticit	y of this sample. I am aw	are that tampering with or intentionally m	nislabeling the san	nple loca	tion, d	date or	r time o	of colle	ction i	s consi	dered	fraud a	and ma	y be g	rounds fo	r legal :	action.		
Sampled b	y: Andrew Franco ned by: (Signatu		Dat	te Time	Received by: (Signature)	Dat	te		Time	e	_			Samp	oles req	uiring t	hermal	preservation	on must	be received	on ice the da but less than	y they are 6 °C on
	rew tro		1	117 8:0	5 Jasmine Allan		117			:15				cube	oneu or i	danc	и раске			Only		
Relinquis	hed by: (Signatu	re)	Dat	12\ Q'3	Received by: (Signature)		1e -212	5	Tim	43	0			Re	ceive	d on	ice:	1-	/ N	Citiy		
Relinguis	hed by: (Signatu	ire)	n Dat		Received by (Signature)	Da	te 1.2/.	1.8	Tim		20			T1				<u>T2</u>			<u>T3</u>	
	hed by: (Signatu		Da	te Time	Received by: (Signature)	Da			Tim					AV	G Te	mn °	c	4				
h Lade	J. K.				315 Right R H	Cr	ntaine	r Tyn	Je. 6	- glas	5 D -	poly	plast	ic. ag	- am	ber g	lass, v	V-VOA				
Sample M	atrix: S - Soil, Sd -	Solid, Sg - Sl	udge, A - Aqu	ueous, O - Other	s other arrangements are made. Haza	ardous camelos	will be	return	ned to	clien	tord	ispose	ed of a	t the	client	exper	nse. Th	ne repor	t for th	ne analysi	s of the at	ove sample
Note: Sa	nples are discar	ded 14 day	s after resu	alts are reported unles	s other arrangements are made. Haza	is limited to th	e amou	nt nai	id for	on th	e rep	ort.		. 202		20000		-13				
is applica	ble only to thos	e samples	received by	the laboratory with t	his COC. The liability of the laboratory	is inniced to th	c arriou	pai		311.40			-	_				-				



envirotech grage 266 grage 299

envirotech Inc.

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	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)		
	Custody (COC) ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location mat	ch the COC	No			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	No			
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disuession		Yes	,	<u>Comme</u>	nts/Resolution
	Curn Around Time (TAT)				Project Cotton Draw U	Init 12 CTR 12 has
	COC indicate standard TAT, or Expedited TAT?		Yes		-	
Sample C					been separated into 2 r	•
	sample cooler received?		Yes		E501140 & E501141.	No of containers not
•	was cooler received in good condition?		Yes		listed on COC.Receive	ed extra sample not
	e sample(s) received intact, i.e., not broken?		Yes		listed on COC. Added	sample per client.
10. Were	custody/security seals present?		No			
11. If yes,	, were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C			
	Container	• —	_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?	,	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· ·					
20. Were	field sample labels filled out with the minimum info ample ID?	rmation:	Yes			
	rate/Time Collected?		Yes	l		
	ollectors name?		No			
Sample P	reservation_		1.0			
21. Does	the COC or field labels indicate the samples were pr	eserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multiphas	se?	No			
	, does the COC specify which phase(s) is to be analy		NA			
			1421			
	act Laboratory amples required to get sent to a subcontract laborator	· · · ·	No			
	subcontract laboratory specified by the client and if	•	NO NA	61 4 47 1	214	
29. was a	subcontract laboratory specified by the chefit and if	so who?	INA	Subcontract Lab	: NA	
Client Ir	<u>istruction</u>					

Date

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

Report to:
Delrae Geller



5796 U.S. Hwy 64 Farmington, NM 87401

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





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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: E510074

Job Number: 01058-0007

Received: 10/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/13/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 10/13/25

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

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

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

Respectfully,

Walter Hinchman

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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	Reported:
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.

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	10/13/2025 11:28:03AM

S1-5' E510074-01

	E310074-01					
Result	Reporting Limit		tion	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst: SL			Batch: 2541059
ND	0.0250	1		10/07/25	10/08/25	
ND	0.0250	1		10/07/25	10/08/25	
ND	0.0250	1		10/07/25	10/08/25	
ND	0.0250	1		10/07/25	10/08/25	
ND	0.0500	1		10/07/25	10/08/25	
ND	0.0250	1		10/07/25	10/08/25	
	106 %	70-130		10/07/25	10/08/25	
	86.6 %	70-130		10/07/25	10/08/25	
	96.3 %	70-130		10/07/25	10/08/25	
mg/kg	mg/kg	A	Analyst: SL			Batch: 2541059
ND	20.0	1		10/07/25	10/08/25	
	106 %	70-130		10/07/25	10/08/25	
	86.6 %	70-130		10/07/25	10/08/25	
	96.3 %	70-130		10/07/25	10/08/25	
mg/kg	mg/kg	A	Analyst: KH]		Batch: 2541074
ND	25.0	1		10/08/25	10/08/25	
ND	50.0	1		10/08/25	10/08/25	
	99.0 %	61-141		10/08/25	10/08/25	
mg/kg	mg/kg		Analyst: IY			Batch: 2541092
	mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO6 % 86.6 % 96.3 % mg/kg ND 20.0 106 % 86.6 % 96.3 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0	Reporting Result Limit Dilu mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0500 1 ND 0.0250 1 86.6 % 70-130 86.6 % 96.3 % 70-130 70-130 mg/kg mg/kg 1 nD 20.0 1 106 % 70-130 70-130 86.6 % 70-130 70-130 mg/kg mg/kg 1 ND 25.0 1 ND 50.0 1	Reporting Result Limit Dilution mg/kg Mg/kg Analyst: SL ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 70-130 86.6 % 96.3 % 70-130 70-130 mg/kg mg/kg Analyst: SL ND 20.0 1 106 % 70-130 70-130 86.6 % 70-130 70-130 mg/kg mg/kg Analyst: KH ND 25.0 1 ND 50.0 1	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 10/07/25 ND 0.0250 1 10/07/25 ND 0.0250 1 10/07/25 ND 0.0500 1 10/07/25 ND 0.0250 1 10/07/25 ND 0.0250 1 10/07/25 86.6 % 70-130 10/07/25 86.6 % 70-130 10/07/25 mg/kg mg/kg Analyst: SL ND 20.0 1 10/07/25 86.6 % 70-130 10/07/25 86.6 % 70-130 10/07/25 86.6 % 70-130 10/07/25 96.3 % 70-130 10/07/25 mg/kg mg/kg Analyst: KH ND 25.0 1 10/08/25 ND 50.0 1 10/08/25	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/07/25 10/08/25 ND 0.0250 1 10/07/25 10/08/25 ND 0.0250 1 10/07/25 10/08/25 ND 0.0500 1 10/07/25 10/08/25 ND 0.0250 1 10/07/25 10/08/25 ND 0.0250 1 10/07/25 10/08/25 ND 0.0250 1 10/07/25 10/08/25 86.6 % 70-130 10/07/25 10/08/25 96.3 % 70-130 10/07/25 10/08/25 mg/kg mg/kg Analyst: SL ND 20.0 1 10/07/25 10/08/25 86.6 % 70-130 10/07/25 10/08/25 86.6 % 70-130 10/07/25 10/08/25 96.3 % 70-130 10/07/25 10/08/25



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	10/13/2025 11:28:03AM

S1-6' E510074-02

		Reporting			_	
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: IY		Batch: 2541092
Chloride	1100	20.0	1	10/08/25	10/08/25	

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	10/13/2025 11:28:03AM

S1-7'

E510074-03						
Reporting						
Analyte	Result	Limit	Dilut	tion 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	F	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	F	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	F	Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/25	10/08/25	



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	10/13/2025 11:28:03AM

S12-5'

E510074-04							
Reporting							
Analyte	Result	Limit	Dilu	ıtion	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	



Pima Environmental Services-Carlsbad Project Name: Cotton Draw Unit 12 CTB 12 PO Box 247 01058-0007 Project Number: Reported: Plains TX, 79355-0247 10/13/2025 11:28:03AM Project Manager: Delrae Geller

S12-6'

E510074-05 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: SL Batch: 2541059 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 10/07/25 10/08/25 ND 0.0250 Benzene 1 10/07/25 10/08/25 Ethylbenzene ND 0.0250 ND 0.0250 10/07/25 10/08/25 Toluene 1 10/07/25 10/08/25 o-Xylene ND 0.0250 10/07/25 10/08/25 ND 0.0500 1 p,m-Xylene 10/07/25 10/08/25 1 Total Xylenes ND 0.0250 10/08/25 103 % 10/07/25 Surrogate: Bromofluorobenzene 70-130 10/08/25 Surrogate: 1,2-Dichloroethane-d4 86.4 % 70-130 10/07/25 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 ND 1 10/07/25 10/08/25 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 103 % 70-130 10/07/25 10/08/25 10/07/25 10/08/25 Surrogate: 1,2-Dichloroethane-d4 86.4 % 70-130 Surrogate: Toluene-d8 10/07/25 10/08/25 97.0 % 70-130 mg/kg Analyst: KH Batch: 2541074 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 10/08/25 10/09/25 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 10/08/25 10/09/25 Oil Range Organics (C28-C36) 108 % 61-141 10/08/25 10/09/25 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: IY Batch: 2541092 2 10/08/25 10/08/25 2590 40.0



Chloride

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	10/13/2025 11:28:03AM

S12-7'

E510074-06 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: SL Batch: 2541059 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 10/07/25 10/08/25 ND 0.0250 Benzene 1 10/07/25 10/08/25 Ethylbenzene ND 0.0250ND 0.0250 10/07/25 10/08/25 Toluene 1 10/07/25 10/08/25 o-Xylene ND 0.025010/07/25 10/08/25 ND 0.0500 p,m-Xylene 10/08/25 10/07/25 1 Total Xylenes ND 0.0250 10/08/25 10/07/25 Surrogate: Bromofluorobenzene 104 % 70-130 10/08/25 Surrogate: 1,2-Dichloroethane-d4 85.4 % 70-130 10/07/25 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 ND 1 10/07/25 10/08/25 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 104 % 10/07/25 10/08/25 70-130 85.4 % 10/07/25 10/08/25 Surrogate: 1,2-Dichloroethane-d4 70-130 10/08/25 Surrogate: Toluene-d8 10/07/25 95.0 % 70-130 mg/kg Analyst: KH Batch: 2541074 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 10/08/25 10/09/25 ND 25.0 1 Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36) ND 50.0 1 10/08/25 10/09/25 106 % 61-141 10/08/25 10/09/25 Surrogate: n-Nonane

mg/kg

20.0

Analyst: IY

10/08/25

10/08/25

mg/kg

ND

Batch: 2541092

Anions by EPA 300.0/9056A

Chloride

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	10/13/2025 11:28:03AM

S10-6' E510074-07

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: SI			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	A	Analyst: SI	J		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	A	Analyst: K	Н		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	A	Analyst: IY	7		Batch: 2541092
	_		_				



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	10/13/2025 11:28:03AM

S10-5'

		E510074-08					
Reporting							
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL			Batch: 2541059
Benzene	ND	0.0250	1	l	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	[10/07/25	10/08/25	
Toluene	ND	0.0250	1	l	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	l	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	l	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	Į	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	l	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: Kl	H		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	l	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	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	1	10/08/25	10/09/25	



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	10/13/2025 11:28:03AM

S7-5' E510074-09

		E310074-03				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepare	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	P	Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/2	5 10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/2	5 10/09/25	
Toluene	ND	0.0250	1	10/07/2	5 10/09/25	
o-Xylene	ND	0.0250	1	10/07/2	5 10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/2	5 10/09/25	
Total Xylenes	ND	0.0250	1	10/07/2	5 10/09/25	
Surrogate: Bromofluorobenzene		105 %	70-130	10/07/2	5 10/09/25	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	10/07/2	5 10/09/25	
Surrogate: Toluene-d8		95.5 %	70-130	10/07/2	5 10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/2	5 10/09/25	
Surrogate: Bromofluorobenzene		105 %	70-130	10/07/2	5 10/09/25	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	10/07/2	5 10/09/25	
Surrogate: Toluene-d8		95.5 %	70-130	10/07/2	5 10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/2	5 10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/2	5 10/09/25	
Surrogate: n-Nonane		103 %	61-141	10/08/2	5 10/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/2	5 10/09/25	



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	10/13/2025 11:28:03AM

S3-5' E510074-10

		E310074-10					
		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	P	Analyst: SL			Batch: 2541059
Benzene	ND	0.0250	1	10	0/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10	0/07/25	10/09/25	
Toluene	ND	0.0250	1	10	0/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10	0/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10	0/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10	0/07/25	10/09/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10	0/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		85.6 %	70-130	10	0/07/25	10/09/25	
Surrogate: Toluene-d8		94.9 %	70-130	10	0/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL			Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10	0/07/25	10/09/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10	0/07/25	10/09/25	
Surrogate: 1,2-Dichloroethane-d4		85.6 %	70-130	10	0/07/25	10/09/25	
Surrogate: Toluene-d8		94.9 %	70-130	10	0/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH			Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10	0/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10	0/08/25	10/09/25	
Surrogate: n-Nonane		103 %	61-141	10	0/08/25	10/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY			Batch: 2541092
Chloride	ND	20.0	1	10	0/08/25	10/09/25	



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	10/13/2025 11:28:03AM

S8-5'

E510074-11

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: S	SL		Batch: 2541059
Benzene	ND	0.0250	1	l	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	l	10/07/25	10/09/25	
Toluene	ND	0.0250	1	l	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	l	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	l	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	l	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: S	SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	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: I	КН		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: I	IY		Batch: 2541092



Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

Sample Data

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	10/13/2025 11:28:03AM

S5-5' E510074-12

Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: SL Batch: 2541059 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 10/07/25 10/09/25 ND 0.0250 Benzene 10/09/25 1 10/07/25 Ethylbenzene ND 0.0250ND 0.0250 10/07/25 10/09/25 Toluene 1 10/07/25 10/09/25 o-Xylene ND 0.025010/07/25 10/09/25 ND 0.0500 p,m-Xylene 10/07/25 10/09/25 1 Total Xylenes ND 0.0250 10/09/25 10/07/25 Surrogate: Bromofluorobenzene 106 % 70-130 10/09/25 Surrogate: 1,2-Dichloroethane-d4 84.3 % 70-130 10/07/25 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 ND 1 10/07/25 10/09/25 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 106 % 10/07/25 10/09/25 70-130 10/07/25 10/09/25 Surrogate: 1,2-Dichloroethane-d4 84.3 % 70-130 Surrogate: Toluene-d8 10/07/25 10/09/25 95.8 % 70-130 mg/kg Analyst: KH Batch: 2541074 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 10/08/25 10/09/25 ND 25.0 1 Diesel Range Organics (C10-C28)

50.0

mg/kg

20.0

102 %

1

1

Analyst: IY

61-141

10/08/25

10/08/25

10/08/25

10/09/25

10/09/25

10/09/25

Batch: 2541092

ND

mg/kg

ND



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	10/13/2025 11:28:03AM

S7-6' E510074-13

		E310074-13				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	P	Analyst: SL		Batch: 2541059
Benzene	ND	0.0250	1	10/07/2	25 10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/2	25 10/09/25	
Toluene	ND	0.0250	1	10/07/2	25 10/09/25	
o-Xylene	ND	0.0250	1	10/07/2	25 10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/2	25 10/09/25	
Total Xylenes	ND	0.0250	1	10/07/2	25 10/09/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/07/2	25 10/09/25	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	10/07/2	25 10/09/25	
Surrogate: Toluene-d8		95.0 %	70-130	10/07/2	25 10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL		Batch: 2541059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/2	25 10/09/25	
Surrogate: Bromofluorobenzene		103 %	70-130	10/07/2	25 10/09/25	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	70-130	10/07/2	25 10/09/25	
Surrogate: Toluene-d8		95.0 %	70-130	10/07/2	25 10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KH		Batch: 2541074
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/2	25 10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/2	25 10/09/25	
Surrogate: n-Nonane		104 %	61-141	10/08/2	25 10/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2541092
Chloride	ND	20.0	1	10/08/2	25 10/09/25	



Cotton Draw Unit 12 CTB 12 Pima Environmental Services-Carlsbad Project Name: 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 Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2541059-BLK1) Prepared: 10/07/25 Analyzed: 10/09/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.520 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.427 0.500 85.3 70-130 0.481 0.500 96.2 70-130 Surrogate: Toluene-d8 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	0/07/25 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		

Analyte

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller10/13/2025 11:28:03AM

Non	halogenated (Organics l	by EPA 801	15D - G	RO			Analyst: SL
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	

Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2541059-BLK1)							Prepared: 1	0/07/25 Analy	yzed: 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: 1	0/07/25 Analy	yzed: 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: 1	0/07/25 Analy	yzed: 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: 1	0/07/25 Analy	yzed: 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			



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 12 CTB 12Reported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Delrae Geller10/13/2025 11:28:03AM

Plains 1X, /9355-024/		Project Manage	r: De	irae Geller					10/13/2025 11:28:03A
_	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2541074-BLK1)							Prepared: 1	0/08/25 A	analyzed: 10/08/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	49.5		50.0		99.1	61-141			
LCS (2541074-BS1)							Prepared: 1	0/08/25 A	analyzed: 10/08/25
Diesel Range Organics (C10-C28)	258	25.0	250		103	66-144			
urrogate: n-Nonane	50.4		50.0		101	61-141			
Matrix Spike (2541074-MS1)				Source:	E510074-0	09	Prepared: 1	0/08/25 A	analyzed: 10/08/25
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156			
urrogate: n-Nonane	51.8		50.0		104	61-141			
Matrix Spike Dup (2541074-MSD1)				Source:	E510074-0	09	Prepared: 1	0/08/25 A	analyzed: 10/08/25
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	3.99	20	
urrogate: n-Nonane	53.7		50.0		107	61-141			

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Un 1058-0007	nit 12 CTB	12			Reported:
Plains TX, 79355-0247		Project Manager:	Ι	Delrae Geller					10/13/2025 11:28:03AM
		Anions	by EPA	300.0/9056	1				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
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

ſ	Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 12 CTB 12	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	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.



	Clie	nt Inforn	nation		Invoi	ce Information		Т			La	ab Us	e Or	ıly			<u> </u>	T	AT	\neg		Stat	<u></u>
Client: F	ima Environn Name: Collen	nental Se	ervices, LL	CT13 12		Company: Devon	TU	94 L	业	WO#			Job	Num	ber •	 57	1D	2D	3D 9	Std	NM	со ит	TX
	Manager: De			C(G (2	City, State, Zip:			-	~	<u> </u>	-	<u> </u>	V	<u>,,, ,</u>	7 11	• •			11-		12		
	: 5614 North				Phone:				ſ				Ana	alysis	and	Met	hod			Ť	E	PA Progra	am
City, Sta	te, Zip: Hobbs	s, NM 88	240		Email:															T	SDWA	CWA	RCRA
	(906) 334				Miscellaneous: PR	OJECT												1		Į.			
Email:	del me@Qid	maoil.	pm							3015	1015									-	Complian	ce Y	or N
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8:214	1			51-				3													2.6		
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9:314	4			\$3	-5'			10										1			2.4		
	nal Instructio																	•					
I, (field sar Sampled b	npler), attest to the	validity and	d authenticity	of this sample. I am awa	re that tampering with or i	ntentionally mislabeling th	ie sam	ple location	on, d	ate or	time o	of colle	ction is	s consi	dered 1	raud a	nd ma	y be g	rounds fo	r lega	l action.		
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					ther arrangements are r								osed o	of at t	ne clie	nt exp	ense.	The	eport fo	r the	analysis of	the above	samples is
applicabl	e only to those sa	amples rec	eived by the	laboratory with this Co	OC. The liability of the la	boratory is limited to th	e am	ount paid	d for	on th	ie rep	ort.											

C	ient Inform	nation		Invo	ice Information				-	La	b Us	e On	ly				T.	AT				Stat	e
Client: Pima Enviro	mental Se	rvices, LLC			Company: ()&	16e	rcy 1	ab V	NO#				Num			1D	2D	3D				CO UT	TX
Project Name: Cot	bn Urw	Unit 12	20012	Address:			<u> </u>	2	100		1_	Old	27	W		<u> </u>	<u> </u>	L	X	Ľ	×		<u> </u>
Project Manager: Address: 5614 Nor	CKOE G	r Harr		City, State, Zip: Phone:				٢				Ana	lvsis	and	Met	hod					EP	A Progra	ım
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Additional Instruc																							
I, (field sampler) attest to Sampled by:	the validity and	d authenticity G	of this sample. I am awar	e that tampering with or i	intentionally mislabeling	the sam	ple locati	ion, da	ate or	time of	f colle	ction is					y be g	rounds	for lega	al actio	n.		
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Sample Matrix: \$ - Soil, So	- Solid, Sg - Slu	ıdge, A - Aque	ous, O - Other				tainer														-16	Al l	
Note: Samples are disc	arded 14 days	s after results	s are reported unless ot	her arrangements are	made. Hazardous sam	pies wil	ı be retu	urned	ı to cli	ent or	r disp	osed c	or at th	ne clie	nt exp	ense.	. The	eport	tor the	analy:	sis of	tne 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.

Printed: 10/7/2025 10:09:41AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad	Date Received:	10/07/25 0	6:30	Work O	rder ID:	E510074	
Phone: (806) 724-5391	Date Logged In:	10/06/25 1		Logged	In By:	Caitlin Mars	
Email: delrae@pimaoil.com	Due Date:	10/13/25 1	7:00 (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 r	natch the COC	Yes					
3. Were samples dropped off by client or carrier?		Yes	Carrier: C	Courier			
4. Was the COC complete, i.e., signatures, dates/times, requ	uested analyses?	No					
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted.		Yes		C	ommen	ts/Resolution	
i.e, 15 minute hold time, are not included in this disuc	ssion.		ſ			1001111111	
Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers	s not p	rovided on COC.	
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? Note: Thermal preservation is not required, if samples 15 minutes of sampling 13. See COC for individual sample temps. Samples outside		Yes	n comments				
1 1 1		. recorded I	i comments.				
Sample Container 14. Are aqueous VOC samples present?		No					
15. Are VOC samples collected in VOA Vials?		NO 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 contains	are?	Yes					
19. Is the appropriate volume/weight or number of sample contained		Yes					
Field Label	tumors conceicu.	105					
20. Were field sample labels filled out with the minimum in Sample ID?	nformation:	Yes					
Date/Time Collected?		Yes	l				
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., multip	hase?	No					
27. If yes, does the COC specify which phase(s) is to be an	alyzed?	NA					
Subcontract Laboratory							
· ·	atory?	No					
29. Was a subcontract laboratory specified by the client and	-		Subcontract Lab	: NA			
Client Instruction							
Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory 29. Was a subcontract laboratory specified by the client and	atory?	No	Subcontract Lab	: NA			
Signature of client authorizing changes to the COC or sample	disposition			Date		- (3) an	virotech

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:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 522403

QUESTI	ONS (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	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/03/2025

Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 522403

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	522403
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release 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		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contaminat	tion associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
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	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence 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	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to		

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

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

QUESTIONS, Page 4

Action 522403

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	522403
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	
0.10-11-11-11-11-11-11-11-11-11-11-11-11-1		

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

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

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

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

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

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 522403

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	522403
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 522403

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	522403
	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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	522403
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

L	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