Volume calculator

There was no volume calculator prepared when the spill occurred.



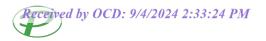
REMEDIATION CLOSURE REPORT

Prepared for Devon Energy Production, LP by Pima Environmental Services, LLC.

September 4, 2024

COTTON DRAW UNIT 25 CTB

nAB1914946859 – Devon Energy



September 4, 2024

NMOCD District 2 811 S First St Artesia, NM, 88210

Bureau of Land Management 620 East Green St Carlsbad, NM 88220

RE: Remediation Closure Report

Cotton Draw Unit 25 CTB Facility ID fAPP1914946398

GPS: Latitude 32.186984 Longitude -103.732374

NMOCD Incident ID nAB1914946859

This crude oil release was initially discovered on February 21, 2019. An initial C-141 form (Appendix C) was submitted on March 6, 2019, and approved by the NMOCD. This incident was assigned Incident ID nAB1914946859, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Cotton Draw Unit 25 CTB (Cotton) is located approximately twenty (20) miles East of Malaga, NM. This spill site is in Unit O, Section 25, Township 24S, Range 31E, Latitude 32.186984 Longitude -103.732374, Eddy County, NM. A Location Map can be found in Figure 1.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Eolian and piedmont deposits. 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 Pajarito loamy fine sand, 0-3 percent slopes, eroded, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). A Topographic Map can be found in Figure 2. The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Cotton (Figure 3).

Based upon New Mexico Office of the State Engineer well water data from C-04643-POD1, depth to groundwater in this area is 135 feet below grade surface (bgs). This Pod is located approximately 0.45 miles southwest of this release area and drilling was completed by Hungry Horse, LLC. on June 20, 2022. According to the United States Geological Survey well water data from USGS 321005103402301 24S.32E.33.42241, depth to the nearest groundwater in this area is 289 feet bgs with the latest gauge being conducted in 2013. See Appendix A for referenced Water Surveys and Water-Related Maps. Closure criteria for this release will be classified under the greater than 100 feet depth to groundwater section of Table 1 19.15.29.12 NMAC.

Release Information

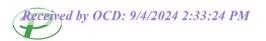
nAB1914946859: On February 21, 2019, Water dump was clogged up, causing all fluid to be sent to the heater 3 causing the heater the swamp out and pop off. Affected areas 129'x25'x1" deep (standing fluid) 142'x33'x1" deep (standing fluid) 110'x120'x1/2" deep (mist out in the pasture). Approximately 296 barrels (bbls) of crude oil was released onto the pad surface and approximately 210 bbls were recovered via vacuum truck.

Countermeasures due to Remediation Closure Report Denied

On September 11, 2023, the NMOCD denied the deferral/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#) nAB1914946859, for the following reasons:

• Deferral is not approved. Remediation on an active site can be deferred in areas immediately under or around production equipment such as production tanks, wellheads, and pipelines where remediation could cause a major facility



deconstruction so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment, or ground water. The deferral request must specify which sample points are being requested for deferral including an explanation why the contaminants can't be removed. Please note that final remediation and reclamation shall take place in accordance with 19.15.29.12 and 19.15.29.13 NMAC once the site is no longer being used for oil and gas operations.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 209606. 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."

On March 29, 2024, Pima personnel mobilized to the site to reassess the areas on and off pad that were described in the initial C-141 submitted on March 6, 2019. Discreet samples were collected from the release area on the pad and the overspray area in the pasture. A total of 120 samples were collected from 20 different sample points within the release area. A total of 19 composite sidewall samples were collected for the purpose of showing horizontal delineation. All samples were put on ice, jarred, and delivered to Envirotech Laboratory where they each were tested for all constituents. The lab sample results Data Table and corresponding Site Map for this sampling event can be found in Figure 4.

On May 21, 2024, the Devon construction department mobilized personnel and equipment to the site to begin excavation activities. The areas surrounding S6, S7, and S8 were excavated to a depth of 1' bgs each. Each area was approximately 200 square feet. The total amount of soil removed for all areas combined was approximately 22 cubic yards. A 48-Hour sampling notification (Appendix C), which can also be found in OCD Online: Permitting – under the Application ID 346522, was submitted by Devon for the confirmation sampling event of these excavated areas. Each area was to have 1 composite base sample and 1 composite wall sample collected to confirm that contamination had been sufficiently removed.

On May 23, 2024, Pima personnel returned to the site to collect the confirmation samples. A 5-point composite sample was collected from each base and each wall of the three excavated areas. A total of 6 samples were collected, put on ice, jarred, and delivered to Cardinal Laboratories for official testing. Each sample was tested for all constituents. The confirmation lab results Data Table and corresponding Confirmation Sample Map of this sampling event can be found in Figure 5.

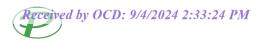
On June 25, 2024, the NMOCD denied the remediation closure report citing:

"The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for incident ID (n#) nAB1914946859, for the following reasons:

- Remediation closure denied. Each report must contain all required elements. Referring to a previously rejected report for
 the siting requirements does not suffice. Include 19.15.29.11 NMAC site characterization requirements. No samples have
 been collected at the original delineation sample locations of L1, L2, and L3. Samples will need to be collected at these
 locations to verify all parts of the release have been addressed. S-5 has GRO+DRO equal to greater than 1000 mg/kg. This
 is in exceedance of Table 1 Closure Criteria standards. This area needs remediation. C-141N submitted for 5/24/24 however
 samples were collected on 5/23/24.
- Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC
- Resubmit report by 7/25/24.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 355847. 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."

On July 22, 2024, Pima personnel returned to the site to reassess the original L1, L2, and L3 sample location areas. A total of 55 samples were collected from 11 different sample points within the original outlined release area on the pad in between the tank battery containments for verification of vertical delineation. These samples were collected from depths of surface, 1', 2', 3', and 4' bgs. A total of 7 5-point composite samples consisting of samples from depths of surface, 1', 2', 3', and 4' bgs were collected from the edges of the original release area for verification of horizontal delineation. All samples collected were put on ice, jarred, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The sample results Data Table of this sampling event and a corresponding 7/22/24 Site Map can be found in Figure 6. Also at this time, the S-5 area previously mentioned in the denial reasons was measured and flagged for remediation/excavation.



On August 21, 2024, after receiving the lab results showing contamination was still present over the regulatory limits at the A7 and A9 sample point areas, the Devon construction department and Pima Environmental mobilized personnel and equipment to the site to begin remediation activities. The 200 square foot area surrounding the S-5 sample point was excavated to a depth of 1.5' bgs. Approximately 11 cubic yards of contaminated soil were removed from this area and hauled to R360, an approved disposal facility. The 400 square foot area surrounding the A7 sample point was excavated to a depth of 1' bgs. Approximately 15 cubic yards of contaminated soil were removed and hauled to R360. The 400 square foot area surrounding sample point A9 was excavated to a depth of 2' bgs. Approximately 29 cubic yards of contaminated soil were removed and hauled to R360.

On August 23, 2024, after Devon submitted a 48-hour notification of sampling, Pima personnel returned to the site to begin collecting confirmation samples of the excavated areas. Two base samples and 1 wall sample were collected from the A7 and A9 excavation areas. One base sample and 1 wall sample were collected from the S-5 excavation area. All samples were 5-point composite samples, each representing no more than 200 square feet. All samples were put on ice, jarred, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The results of this confirmation sampling event can be seen in the following data table. A Confirmation Sample Map-2 can be found in Figure 7.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100') COMPANY NAME - Cotton Draw 25 CTB - nAB1914946859 Date: 8/23/24 **NM Approved Laboratory Results** Total Depth BTEX Benzene GRO DRO **MRO** CI Sample ID TPH (BGS) mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg 1' ND 92.6 92.6 CS1-1' ND ND ND 36.5 CS2-1' 1' ND ND 272 101 373 59.9 ND CS3-21 2' ND ND ND 362 161 523 42.1 CS4-2' 21 ND ND ND 184 70.4 254.4 34 1.5' CS5-1.5' ND 307 433 ND ND 126 38.2 CSW1-1' 1' 353 159 512 40.1 ND ND ND 2' CSW2-2' ND 485 193 38.5 ND ND 678 1.5' CSW3-1.5' ND ND ND 312 130 442 41.1

8/23/24 Confirmation Soil Sample Results

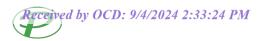
Complete Laboratory Reports can be found in Appendix E. Photographic Documentation is referenced in Appendix D.

Approval Request

The laboratory results show the contaminants in the remediated areas to be under the regulatory limits of the greater than 100 feet depth to groundwater section of Table 1 19.15.29.12 NMAC. On behalf of Devon, Pima requests that this remediation closure report for incident ID nAB1914946859 be approved. Devon has complied with the applicable closure requirements outlined in rule 19.15.29.12 NMAC and understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan addressing a minimum of four feet of non-waste containing earthen material.

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

Devon Energy Production – Dale Woodall at 575-748-0167 or dale.woodall@dvn.com. Pima Environmental Services – Tom Bynum at 580-748-1613 or tom@pimaoil.com.



Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Data Table & Site Map
- 5- Data Table & Confirmation Sample Map
- 6- 7/22/24 Site Map
- 7- Confirmation Sample Map-2

Appendices:

Appendix A – Water Surveys & Water-Related Maps

Appendix B – Soil Survey & Geological Data

Appendix C – Initial C-141 Form & 48-Hour Notifications

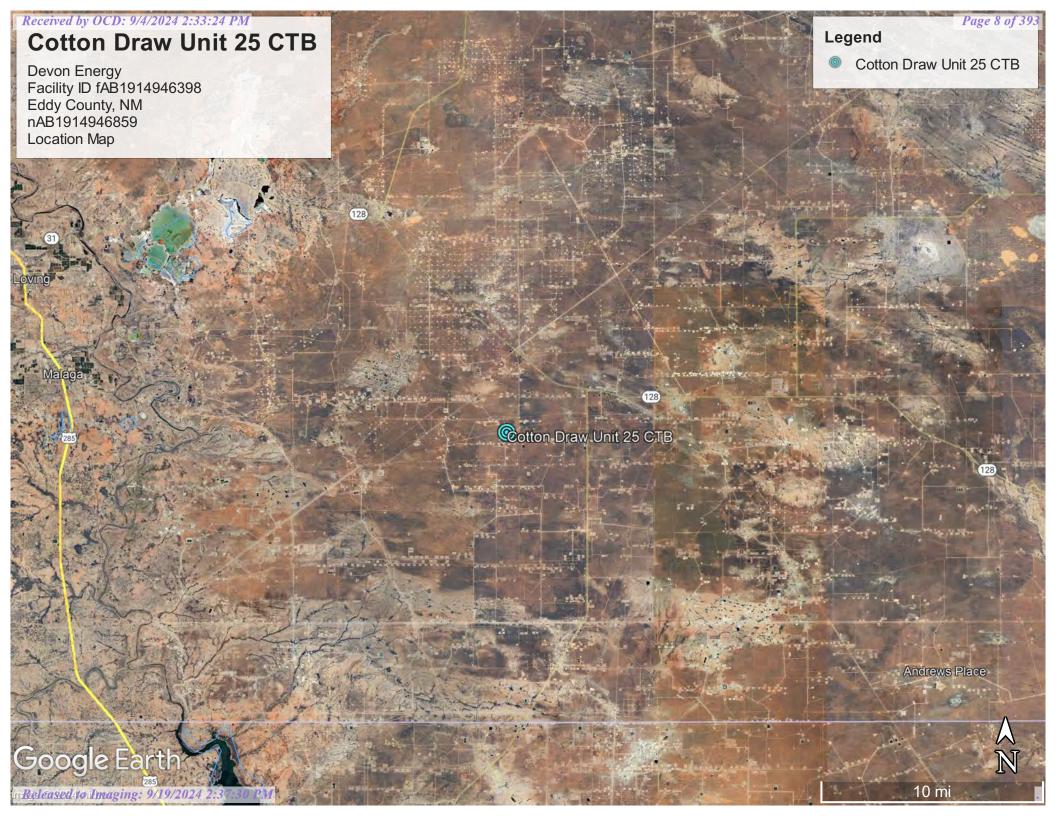
Appendix D – Photographic Documentation

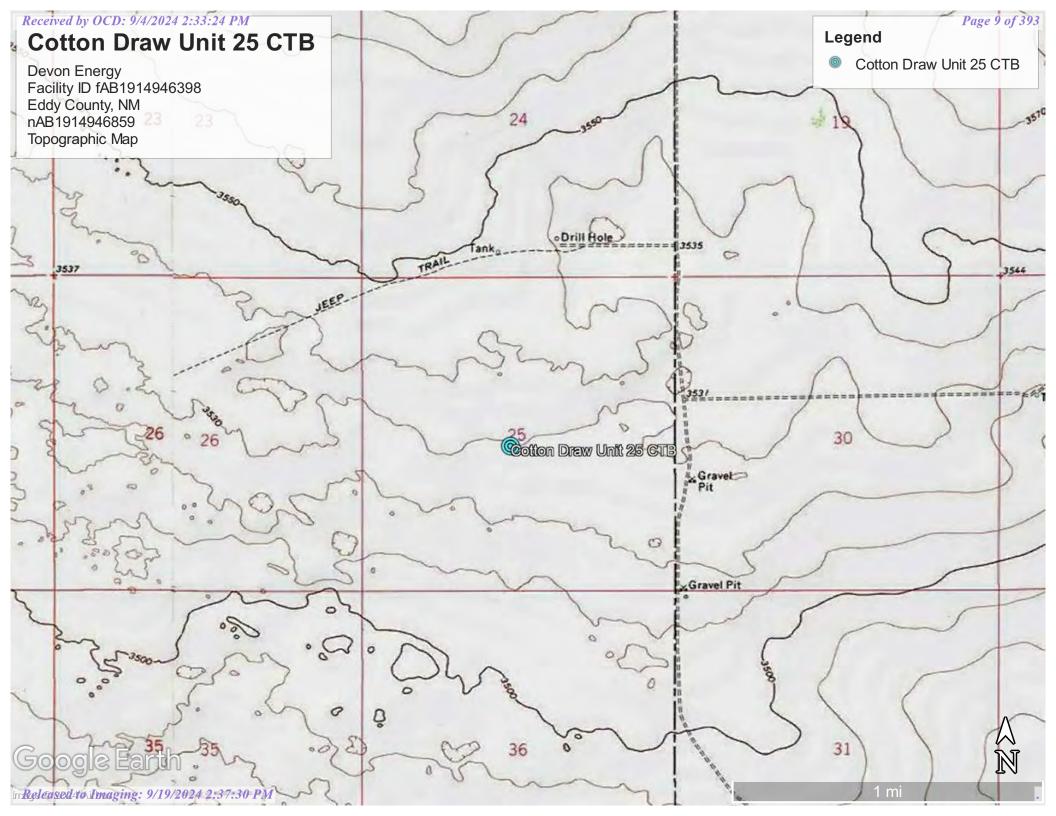
Appendix E – Laboratory Reports

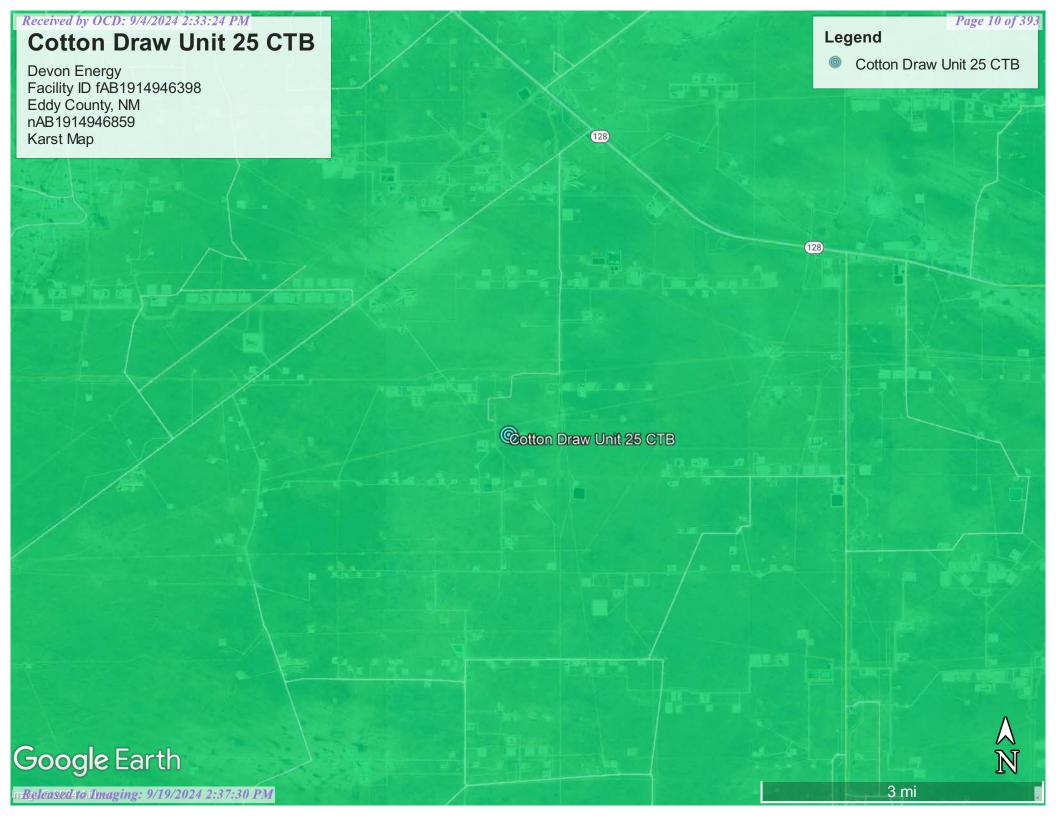


Figures:

- 1 Location Map
- 2 Topographic Map
 - 3 Karst Map
- 4 Data Table & Site Map
- 5 Data Table & Confirmation Sample Map
 - 6 7/22/24 Site Map
 - 7 Confirmation Sample Map-2





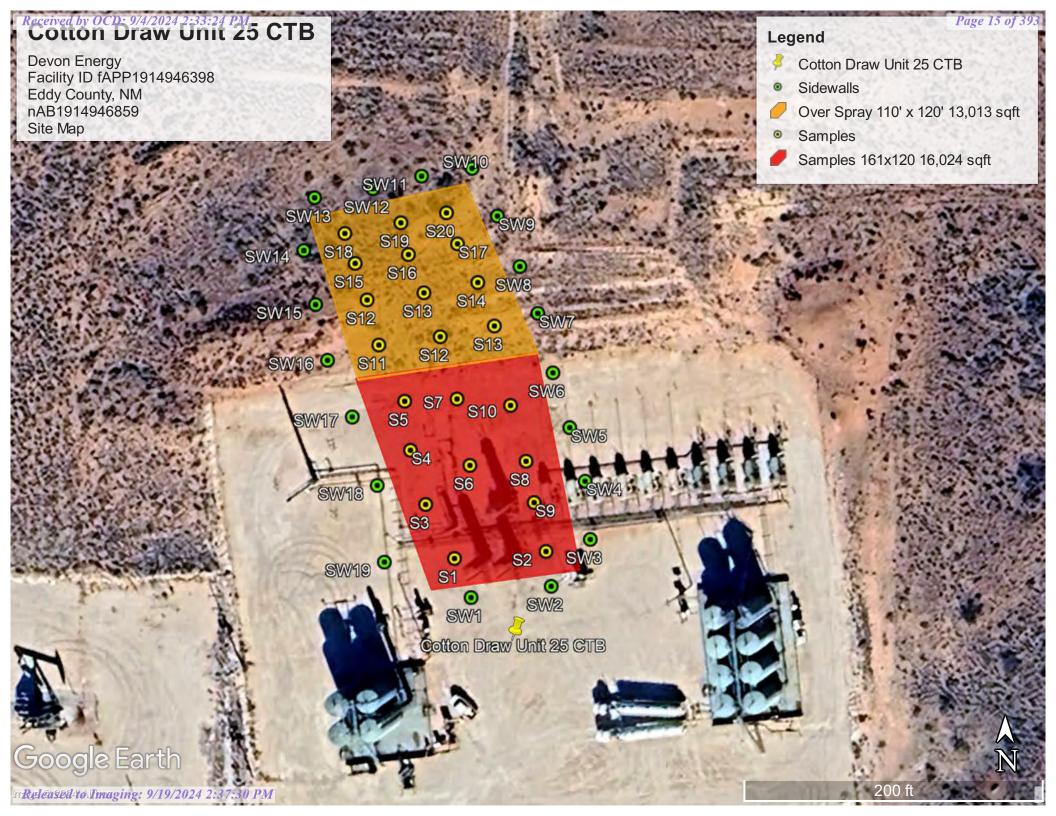


NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
	COMPANY NAME - Cotton Draw 25 CTB - nAB1914946859 Date: 3/29/24 NM Approved Laboratory Results							
Date: 3/29	/24			NM Approv	ed Laborat	ory Result	S	
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
	1'	ND	ND	ND	ND	ND	0	63.6
	2'	ND	ND	ND	35.1	ND	35.1	ND
S-1	3'	ND	ND	ND	90.5	65.3	155.8	ND
3 1	4'	ND	ND	ND	132	101	233	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	28.2	ND	28.2	67
	2'	ND	ND	ND	ND	ND	0	ND
S-2	3'	ND	ND	ND	99	69.2	168.2	ND
	4'	ND	ND	ND	83.6	63.5	147.1	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND ND
	1'	ND ND	ND ND	ND ND	ND	ND	0	ND ND
	2' 3'	ND ND	ND ND	ND ND	ND 58.2	ND ND	58.2	ND ND
S-3	 4'	ND ND	ND ND	ND ND	116	84.9	200.9	ND ND
	4 5'	ND ND	ND ND	ND ND	ND	ND	0	ND ND
	6'	ND ND	ND ND	ND ND	ND ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	 3'	ND	ND	ND	ND	ND	0	ND
S-4	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	1390	729	2119	162
	2'	ND	ND	ND	63.7	55.1	118.8	ND
S-5	3'	ND	ND	ND	73.1	ND	73.1	ND
3-3	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	1780	818	2598	151
	2'	ND	ND	ND	102	98.1	200.1	ND
S-6	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND 035	0	ND 160
	1'	ND	ND	ND	2020	935	2955	169
	2'	ND	ND	ND	64.9	63.2	128.1	ND ND
S-7	3' 4'	ND ND	ND ND	ND	ND	ND	0	ND ND
		ND ND	ND ND	ND ND	ND	ND	0	ND ND
	5'	ND	ND	ND	ND	ND	0	ND

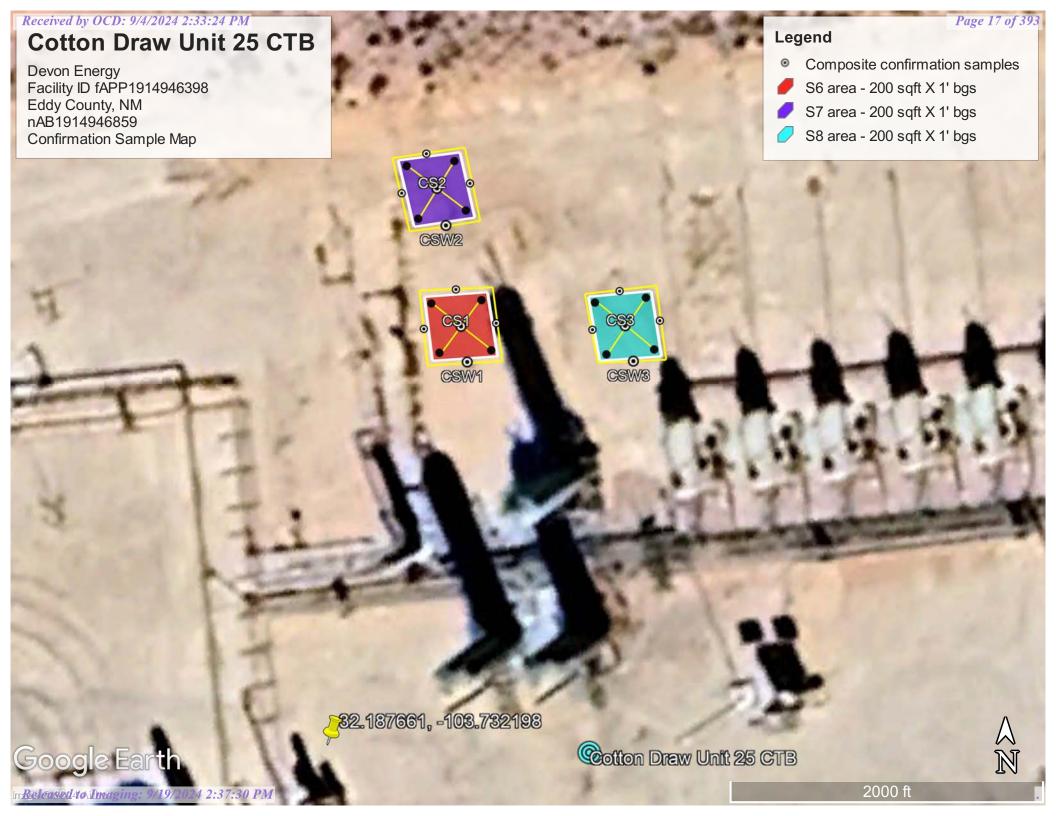
	61							ND
	6'	ND	ND	ND	ND	ND	0	ND
-	1'	ND	ND	ND	1950	1020	2970	166
	2'	ND	ND	ND	62.9	50.5	113.4	ND
S-8	3'	ND	ND	ND	43.6	ND	43.6	ND
	4'	ND	ND	ND	30.7	ND	30.7	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
S-9	3'	ND	ND	ND	ND	ND	0	ND
3-9	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
6.40	3'	ND	ND	ND	ND	ND	0	ND
S-10	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
S-11	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
-	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
S-12	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND ND	ND ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
<u> </u>	2'	ND	ND ND	ND ND	ND ND	ND	0	ND
<u> </u>	3'	ND ND	ND ND	ND ND	ND ND	ND	0	ND
S-13	3 4'	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND ND
	5'	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND
	6'						0	ND ND
	1'	ND	ND ND	ND ND	ND	ND	0	ND ND
-		ND	ND ND	ND ND	ND	ND		ND ND
	2' 3'	ND	ND ND	ND ND	ND	ND	0	
S-14	3 ⁻	ND	ND ND	ND ND	ND	ND	0	ND ND
		ND	ND ND	ND ND	ND	ND	0	ND ND
	5'	ND	ND	ND ND	ND	ND	0	ND ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND ND
	2'	ND	ND	ND	ND	ND	0	ND
S-15	3'	ND	ND	ND	ND	ND	0	ND
l [4'	ND	ND	ND	ND	ND	0	ND

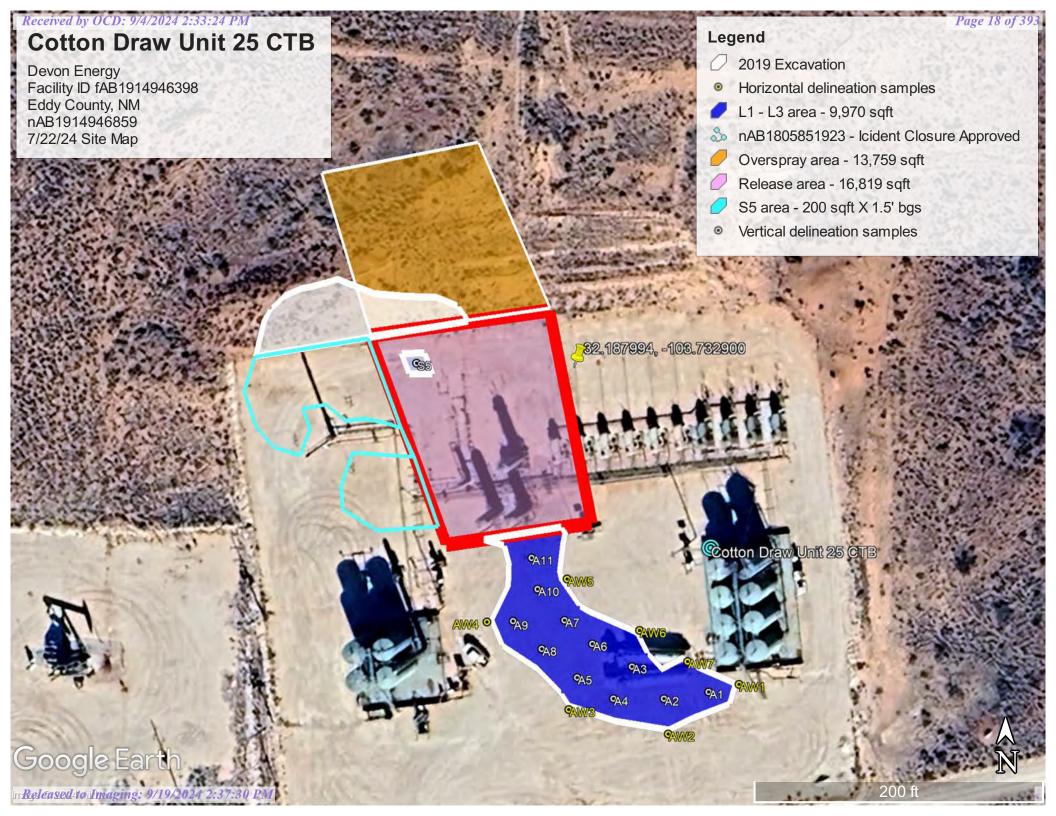
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
C 16	3'	ND	ND	ND	ND	ND	0	ND
S-16	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
S-17	3'	ND	ND	ND	ND	ND	0	ND
3-17	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
S-18	3'	ND	ND	ND	ND	ND	0	ND
3 10	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
S-19	3'	ND	ND	ND	ND	ND	0	ND
3 13	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
S-20	3'	ND	ND	ND	ND	ND	0	ND
0 _0	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
SW1	0-6'	ND	ND	ND	ND	ND	0	ND
SW2	0-6'	ND	ND	ND	ND	ND	0	ND
SW3	0-6'	ND	ND	ND	ND	ND	0	ND
SW4	0-6'	ND	ND	ND	ND	ND	0	ND
SW5	0-6'	ND	ND	ND	ND	ND	0	ND
SW6	0-6'	ND	ND	ND	ND	ND	0	ND
SW7	0-6'	ND	ND	ND	ND	ND	0	ND
SW8	0-6'	ND	ND	ND	ND	ND	0	ND
SW9	0-6'	ND	ND	ND	ND	ND	0	ND
SW10	0-6'	ND	ND	ND	ND	ND	0	57.1
SW11	0-6'	ND	ND	ND	ND	ND	0	ND
SW12	0-6'	ND	ND	ND	ND	ND	0	ND
SW13	0-6'	ND	ND	ND	ND	ND	0	36.7
SW14	'							
SW15	0-6' 0-6'	ND ND	ND ND	ND ND	ND ND	ND ND	0	ND ND

SW16	0-6'	ND	ND	ND	ND	ND	0	24.8
SW17	0-6'	ND	ND	ND	ND	ND	0	38.6
SW18	0-6'	ND	ND	ND	ND	ND	0	ND
SW19	0-6'	ND	ND	ND	ND	ND	0	ND



NN	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
	C	OMPANY N	AME - Cott	on Draw 2	5 CTB - nAB	19149468	59		
Date: 5/23	3/24			NM Approv	ed Laborat	ory Result	S		
Sample ID	Depth (BGS)	BTEX mg/kg							
CS1	1'	ND	ND	ND	ND	ND	0	ND	
CS2	1'	ND	ND	ND	ND	ND	0	ND	
CS3	1'	ND	ND	ND	ND	ND	0	ND	
CSW1	1'	ND	ND	ND	ND	ND	0	ND	
CSW2	1'	ND	ND	ND	ND	ND	0	16	
CSW3	1'	ND	ND	ND	ND	ND	0	32	









Appendix A

Water Surveys:

OSE

USGS

Water-Related Maps:

Surface Water Map

Wetlands Map

Fema Flood Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

		POD Sub-		0	Q Q)							,	Water
POD Number	Code		County	_		_	Tws	Rng	X	Y	DistanceD	epthWellD	epthWater C	
C 04636 POD1		CUB	ED		4 3		24S	31E	619200	3561279	656	•	-	
C 04643 POD1		C	ED	4	2 2	05	23S	27E	619200	3561279	656	305	135	170
<u>C 04654 POD1</u>		CUB	ED	3	3 4	25	24S	31E	619764	3561226	692	55		
<u>C 04665</u>		CUB	LE	1	1 2	30	24S	32E	621350	3562798	2075	120		
C 04633 POD1		CUB	ED	2	1 1	35	24S	31E	617394	3561170	2213			
<u>C 02572</u>		CUB	ED	4	2 2	02	25S	31E	618695	3559294*	2693	852		
<u>C 04722 POD2</u>		CUB	LE	2	1 1	06	25S	32E	620808	3559499	2705	55		
<u>C 02574</u>		CUB	ED	1	1 2	02	25S	31E	618092	3559494*	2755			
<u>C 02571</u>		CUB	ED	4	1 2	02	25S	31E	618292	3559294*	2839	860		
<u>C 04388 POD1</u>		C	ED	3	2 1	23	24S	31E	617546	3564006	2895	910	868	42
<u>C 02573</u>		CUB	ED	1	4 2	02	25S	31E	618499	3559091*	2947			
<u>C 02568</u>		CUB	ED	4	3 1	01	25S	31E	619103	3558892*	2999	1025		
<u>C 04576 POD1</u>		CUB	ED	1	2 1	23	24S	31E	617700	3564324	3045	910	850	60
<u>C 02569</u>		CUB	ED	4	4 2	02	25S	31E	618699	3558891*	3079	1016		
C 04593 POD1		CUB	ED	3	4 4	34	24S	31E	616903	3559674	3394	55		
<u>C 02570</u>		CUB	ED	4	2 4	02	25S	31E	618704	3558489*	3467	895		
C 03830 POD1		CUB	ED	4	2 4	02	25S	31E	618632	3558432	3539	450		
C 04635 POD1		CUB	ED	4	3 4	01	25S	31E	619958	3558078	3815	55		
C 04508 POD1		CUB	ED	4	4 3	15	24S	31E	616298	3564493	4138	110		
C 04620 POD1		CUB	LE	4	3 4	06	25S	32E	621445	3558018	4312	55		
C 03530 POD1		C	LE	3	4 3	07	24S	32E	620886	3566156	4511	550		
<u>C 04687 POD1</u>		CUB	ED	4	2 3	12	24S	31E	619481	3566450	4584	110		
C 04632 POD1		CUB	ED	1	2 2	10	25S	31E	616802	3557964	4740	55		

Average Depth to Water:

617 feet

Minimum Depth:

135 feet

Maximum Depth:

868 feet

Record Count: 23

UTMNAD83 Radius Search (in meters):

Easting (X): 619495.54 **Northing (Y):** 3561865.39 **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.

WATER COLUMN/ AVERAGE DEPTH TO WATER

4/25/24 2:06 PM



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

619200

 Well Tag
 POD Number
 Q64 Q16 Q4 Sec
 Tws
 Rng

 21068
 C 04643 POD1
 4 2 2 05 23S 27E

X Y

3561279

Driller License: 1755 Driller Company: HUNGRY HORSE, LLC.

Driller Name: JOHN NORRIS

Log File Date:08/19/2022PCW Rcv Date:Source:ShallowPump Type:Pipe Discharge Size:Estimated Yield:0 GPMCasing Size:6.00Depth Well:305 feetDepth Water:135 feet

Water Bearing Stratifications: Top Bottom Description

110 140 Sandstone/Gravel/Conglomerate
140 160 Shale/Mudstone/Siltstone
220 275 Shale/Mudstone/Siltstone

Casing Perforations: Top Bottom

305

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.

225

4/25/24 2:06 PM

POINT OF DIVERSION SUMMARY

OSE POD Location Map



8/23/2024, 1:22:27 PM

GIS WATERS PODs

Active

Water Right Regulations

Closure Area

New Mexico State Trust Lands

Both Estates

1:9,028 0 0.05 0.1 0.2 mi 0 0.1 0.2 0.4 km Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

OSE District Boundary
Released to Imaging: 9/19/2024 2:37:30 PM

Artesian Planning Area



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:		
obd5 Water Resources	Groundwater ~	United States	~	GO

Click to hideNews Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

• 321005103402301

Y GO

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

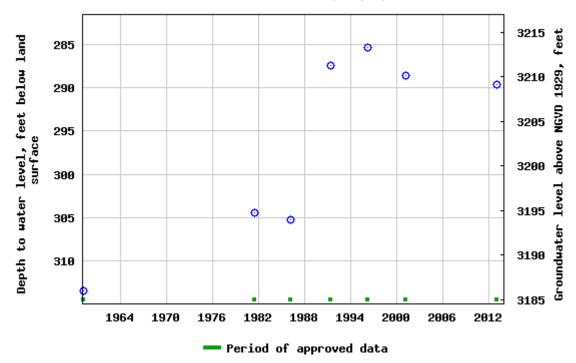
USGS 321005103402301 24S.32E.33.42241

Available data for this site	Craundwater	Field measurements		GO
Available data for this site	Groundwater.	Fleid measurements		GO
Lea County, New Mexico				
Hydrologic Unit Code 1307	0001			
Latitude 32°10'21.6", Lon	gitude 103°	940'18.9" NAD83		
Land-surface elevation 3,4	99.00 feet a	above NGVD29		
The depth of the well is 36	7 feet below	w land surface.		
This well is completed in the	າe Other aq	uifers (N9999OT	HER)) national aquifer.
This well is completed in the	າe Chinle Fo	rmation (231CH	NL) I	local aquifer.
	_			

Output formats

Table of data	
Tab-separated data	
Graph of data	
Reselect period	

USGS 321005103402301 245,32E,33,42241



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

Questions or Comments
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>

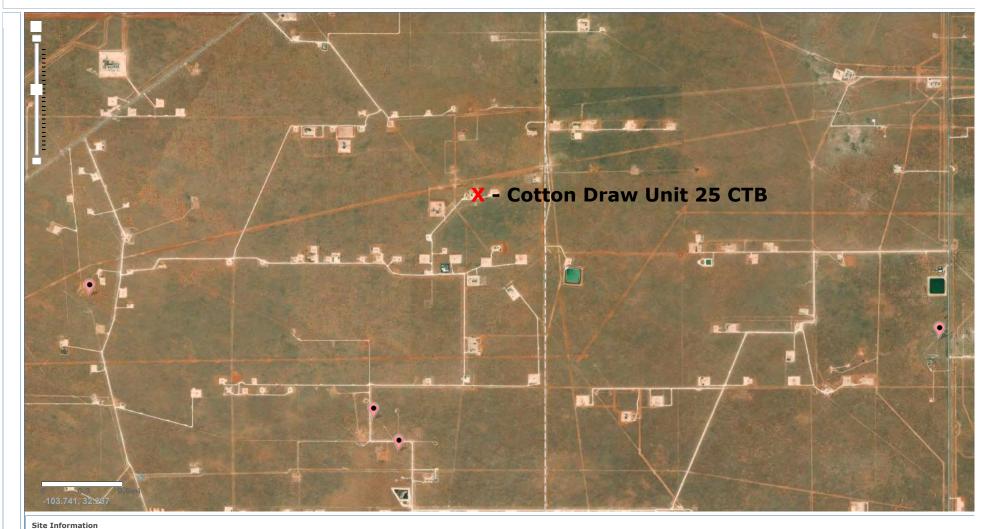
Page Last Modified: 2024-04-25 16:05:06 EDT

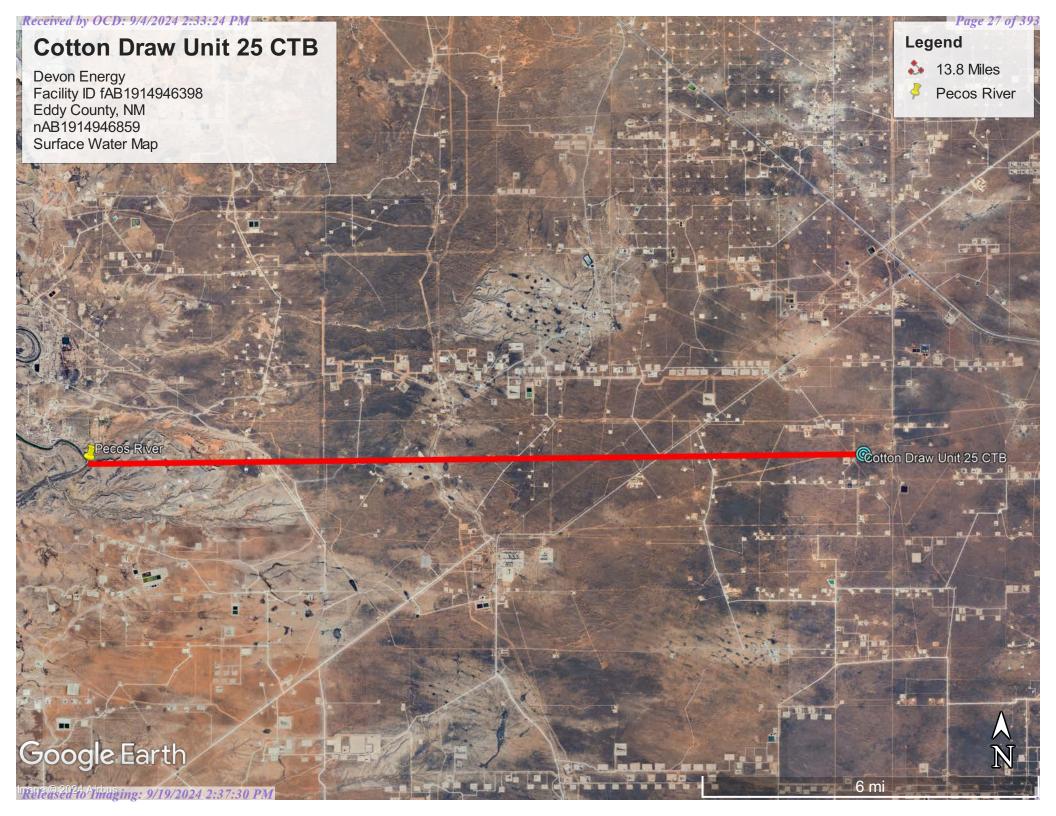
0.62 0.49 nadww02





National Water Information System: Mapper





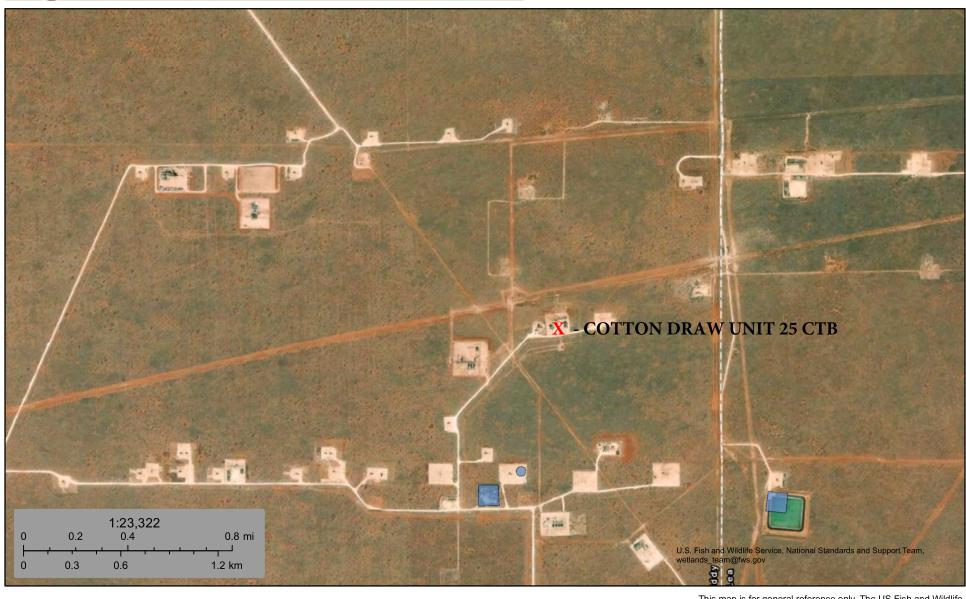
Received by OCD: 9/4/2024 2:33:24 PM

FEDLA WILLIAMS

U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands



April 25, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

Freshwater Forested/Shrub Wetland

Lake

Other

Riverine

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

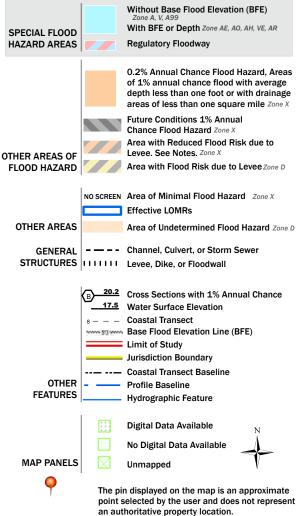
Received by OCD: 9/4/2024 2:33:24 PM National Flood Hazard Layer FIRMette





Legend

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



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 8/23/2024 at 2:29 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





Appendix B

Soil Survey

Soil Map

Geologic Unit Map

Eddy Area, New Mexico

PA—Pajarito loamy fine sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w54 Elevation: 2,700 to 5,500 feet

Mean annual precipitation: 5 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 250 days

Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 98 percent Minor components: 2 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Pajarito

Setting

Landform: Plains, interdunes, dunes

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear Across-slope shape: Linear, convex

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 13 inches: loamy fine sand H2 - 13 to 36 inches: fine sandy loam H3 - 36 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: 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: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 7.9

inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 7e



Map Unit Description: Pajarito loamy fine sand, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico, and Lea County, New Mexico

Hydrologic Soil Group: A

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Minor Components

Wink

Percent of map unit: 1 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Berino

Percent of map unit: 1 percent

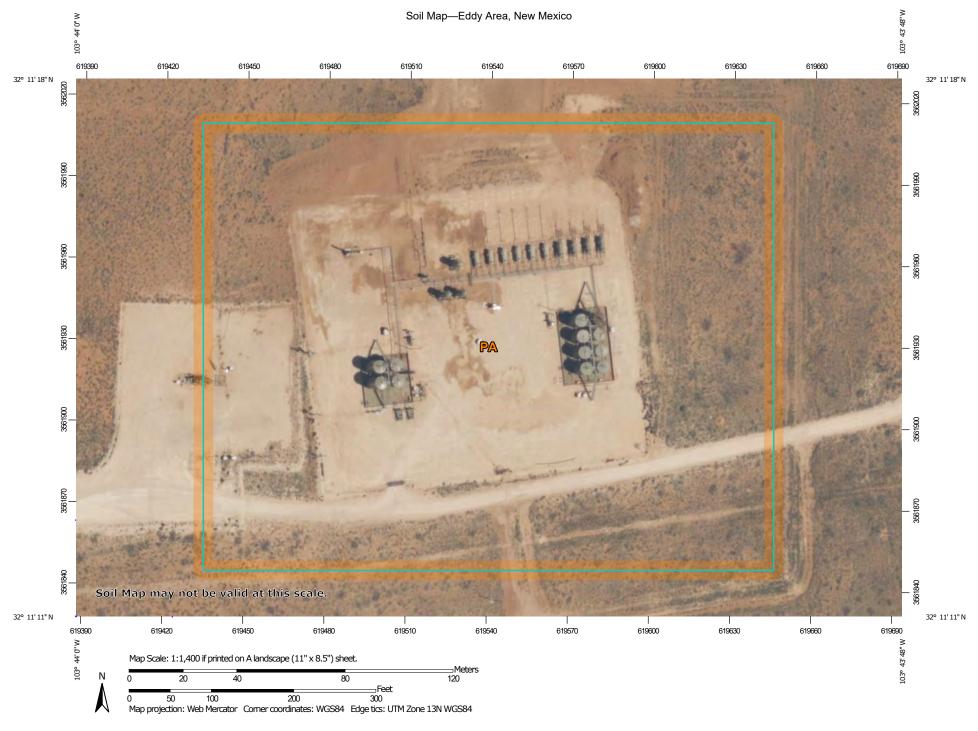
Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 20, Sep 6, 2023



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 \odot



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



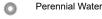
Marsh or swamp



Mine or Quarry



Miscellaneous 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 19, Sep 7, 2023

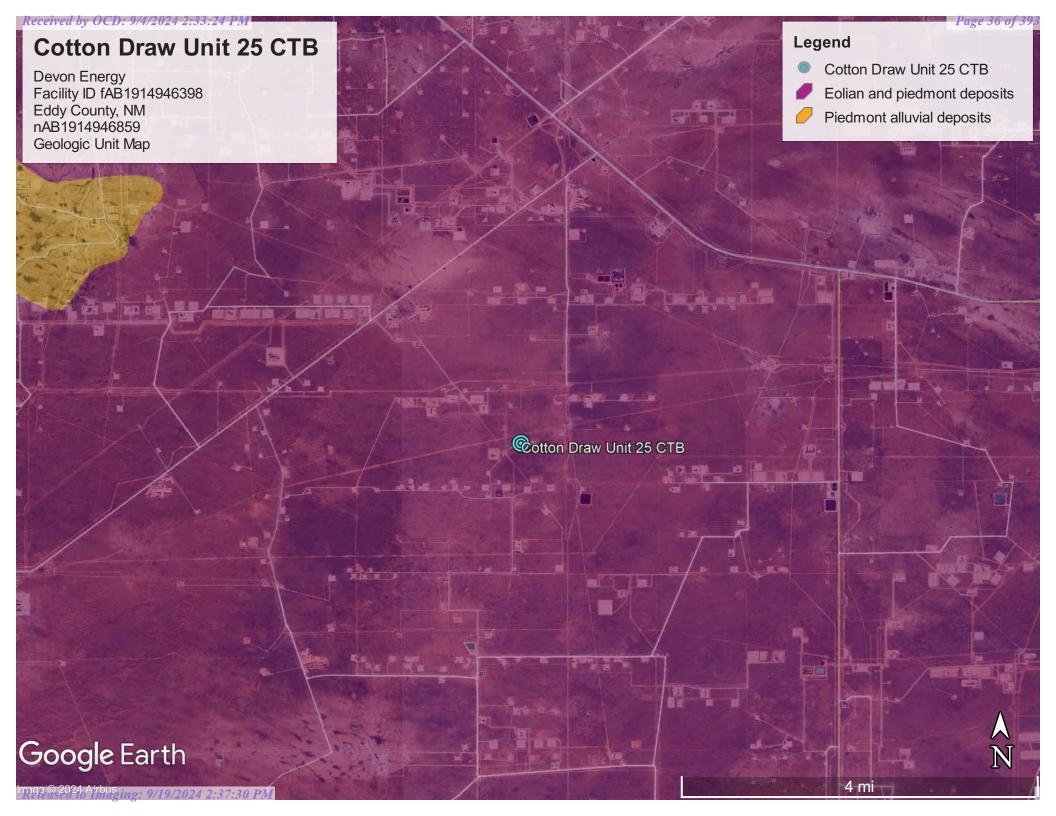
Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

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
PA	Pajarito loamy fine sand, 0 to 3 percent slopes, eroded	8.6	100.0%
Totals for Area of Interest		8.6	100.0%





Appendix C

Initial C-141 Form

48-Hour Notifications

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	NAB1914946859
District RP	2RP-5451
Facility ID	fAB1914946398
Application ID	pAB1914946602

Release Notification

Responsible Party

Responsible	Party Devoi	n Energy Produc	tion Company	OGRID 6	6137	
Contact Name Amanda T. Davis			Contact 7	Telephone 575-7	48-0176	
Contact email amanda.davis@dvn.com				(assigned by OCD)		
		6488 Seven Riv		1		
			Location	of Release S		
Latitude 32	.186984	4		Longitude	-103.7323	374
			(NAD 83 in deci	imal degrees to 5 dec	imal places)	
Site Name Co	otton Draw	Unit 25 CTB		Site Type	Oil	
Date Release				API# (if ap	oplicable)	
		2/2 1/2010				
Unit Letter	Section	Township	Range	Cou	inty	
0	25	24S	31E	Ed	dy	
g			1.1 D D : ((A)	7		
Surface Owner	r: State	Federal I Ir	ibal Private (N	ame:)
			Nature and	Volume of	Release	
	Mataria	I(a) Dalangad (Salant al	l that amply and attach	aalaulatiana an anaaifi	is instification for the	volvenos movidod holovy)
Crude Oi		Volume Release		calculations of specifi		vered (bbls) 210
Produced	Water	Volume Release	d (bbls)		Volume Reco	evered (bbls)
Is the concentration of total dissolved s		red solids (TDS)	Yes N	0		
			water >10,000 mg/	1?		
Condensa	ite	Volume Release	d (bbls)		Volume Reco	vered (bbls)
Natural G	ias	Volume Release	d (Mcf)		Volume Reco	vered (Mcf)
Other (de	scribe)	Volume/Weight	Released (provide	units)	Volume/Weig	ght Recovered (provide units)

Cause of Release Water dump was clogged up, causing all fluid to be sent to the heater 3 causing the

heater the swamp out and pop off. Affected areas 129'x25'x1" deep (standing fluid) 142'x33'x1" deep (standing fluid) 110'x120'x1/2" deep (mist out in the pasture)

Released to Imaging: 9/19/2024 2:37:30 PM

Page 39 of 393

Incident ID	NAB1914946859
District RP	2RP-5451
Facility ID	fAB1914946398
Application ID	pAB1914946602

XX7 .1.		
release as defined by		esponsible party consider this a major release? elease because it is over 25 barrels.
19.15.29.7(A) NMAC?	·	
Yes No		
If YES, was immediate not	ice given to the OCD? By whom? T	To whom? When and by what means (phone, email, etc)?
	Initia	l Response
The responsible pa	rty must undertake the following actions imme	ediately unless they could create a safety hazard that would result in injury
■ The source of the relea	se has been stopped.	
	been secured to protect human health	n and the environment.
Released materials hav	e been contained via the use of berma	s or dikes, absorbent pads, or other containment devices.
All free liquids and rec	overable materials have been remove	ed and managed appropriately.
If all the actions described	above have <u>not</u> been undertaken, exp	lain why:
Per 19.15.29.8 B. (4) NMA	.C the responsible party may comme	nce remediation immediately after discovery of a release. If remediation
has begun, please attach a	narrative of actions to date. If reme	edial efforts have been successfully completed or if the release occurred a.C), please attach all information needed for closure evaluation.
		o the best of my knowledge and understand that pursuant to OCD rules and
		e notifications and perform corrective actions for releases which may endanger the OCD does not relieve the operator of liability should their operations have
		a threat to groundwater, surface water, human health or the environment. In tor of responsibility for compliance with any other federal, state, or local laws
Printed Name: Kendra	DeHoyos	Title: EHS Associate
Signature: Kendra U		Date: 3/5/2019
_{email:} kendra.deho	vos@dvn.com	Telephone: 575-746-3371
email: Korrarara	Jyos@dvii.com	Telephone:
email:	yos@uvn.com	Telephone:
OCD Only	Jyos@uvn.com	Telephone:

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**

QUESTIONS

Action 346522

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	346522
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAB1914946859	
Incident Name	NAB1914946859 COTTON DRAW UNIT 25 CTB @ 0	
Incident Type	Oil Release	
Incident Status	Remediation Closure Report Received	
Incident Facility	[fAB1914946398] COTTON DRAW UNIT 25 CTB	

Location of Release Source	
Site Name	COTTON DRAW UNIT 25 CTB
Date Release Discovered	02/21/2019
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	600
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/24/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Marisa loya 575-416-0639
Please provide any information necessary for navigation to sampling site	O-25-24S-31E Lat/Long: 32.186984,-103.732374 From the intersection of NM128 and Buck Jackson Road, travel southwest on Buck Jackson Rd for 3.1 miles, turn southeast on lease road for 1.25 miles, turn south/southwest for .2 miles, turn west for 2,900 feet, turn south for 1 mile, turn east for 1.5 miles, turn north for 1,500 feet, turn northeast for 2,390 feet, turn north into location.

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 346522

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	346522
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	Condition	Condition
Ву		Date
wdale	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.	5/21/2024

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**

QUESTIONS

Action 365063

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	365063
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAB1914946859	
Incident Name	NAB1914946859 COTTON DRAW UNIT 25 CTB @ 0	
Incident Type	Oil Release	
Incident Status	Initial C-141 Approved	
Incident Facility	[fAB1914946398] COTTON DRAW UNIT 25 CTB	

Location of Release Source	
Site Name	COTTON DRAW UNIT 25 CTB
Date Release Discovered	02/21/2019
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	9,970
What is the estimated number of samples that will be gathered	62
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/22/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	From the intersection of NM128 and Buck Jackson Road, travel southwest on Buck Jackson Rd for 3.1 miles, turn southeast on lease road for 1.25 miles, turn south/southwest for .2 miles, turn west for 2,900 feet, turn south for 1 mile, turn east for 1.5 miles, turn north for 1,500 feet, turn northeast for 2,390 feet, turn north into location.

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 365063

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	365063
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created	Condition	Condition
Ву		Date
wdale	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.	7/17/2024

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**

QUESTIONS

Action 376056

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	376056
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1914946859
Incident Name	NAB1914946859 COTTON DRAW UNIT 25 CTB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAB1914946398] COTTON DRAW UNIT 25 CTB

Location of Release Source	
Site Name	COTTON DRAW UNIT 25 CTB
Date Release Discovered	02/21/2019
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/23/2024
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	From the intersection of NM128 and Buck Jackson Road, travel southwest on Buck Jackson Rd for 3.1 miles, turn southeast on lease road for 1.25 miles, turn south/southwest for .2 miles, turn west for 2,900 feet, turn south for 1 mile, turn east for 1.5 miles, turn north for 1,500 feet, turn northeast for 2,390 feet, turn north into location.

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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 376056

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	376056
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

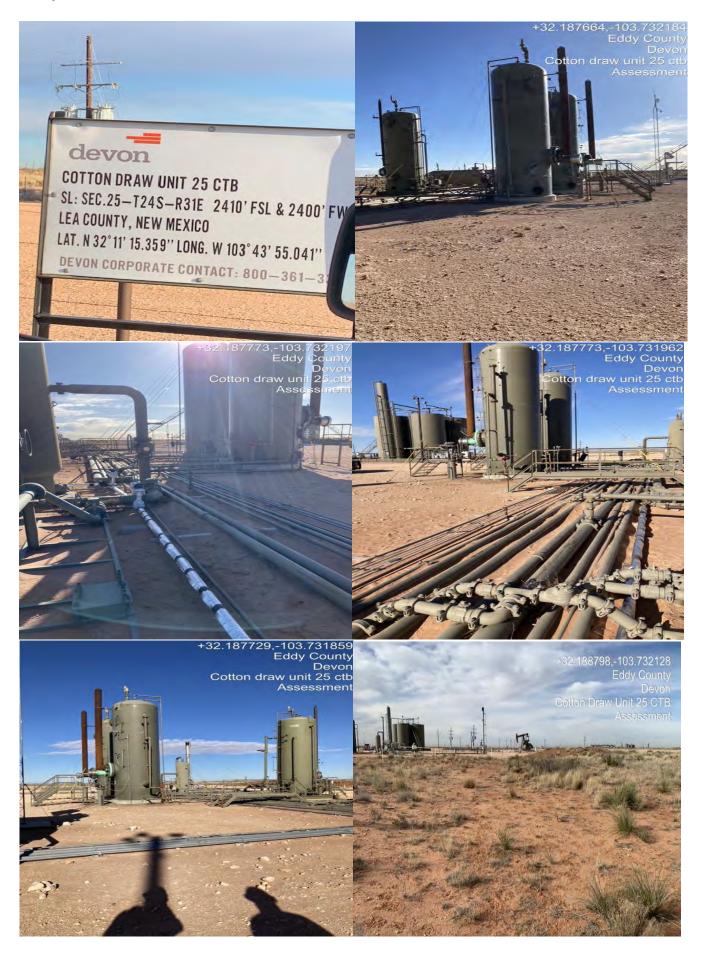
CONDITIONS

Created	Condition	Condition
Ву		Date
wdale	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.	8/21/2024

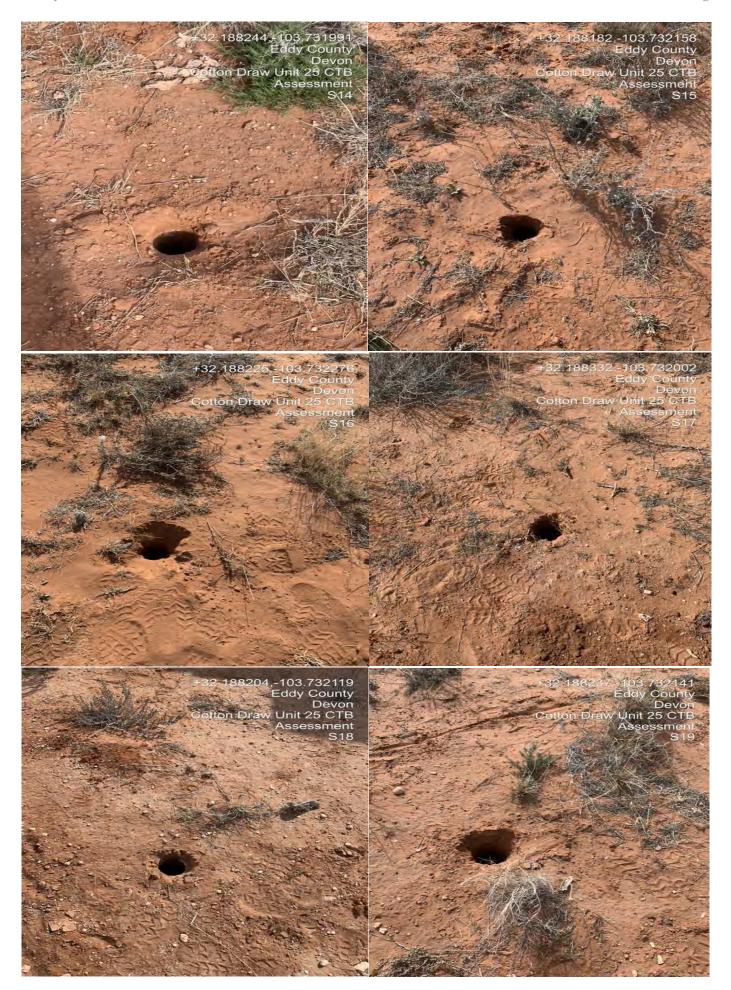


Appendix D

Photographic Documentation













Reassessment 7/22/24

































































Appendix E

Laboratory Reports

Report to:
Gio Gomez



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 25 CTB

Work Order: E404007

Job Number: 01058-0007

Received: 4/2/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/8/24

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

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

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

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

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

Date Reported: 4/8/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw 25 CTB

Workorder: E404007

Date Received: 4/2/2024 9:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/2/2024 9:00:00AM, under the Project Name: Cotton Draw 25 CTB.

The analytical test results summarized in this report with the Project Name: Cotton Draw 25 CTB 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 25 CTBReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez04/08/24 14:56

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
S1-1'	E404007-01A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S1-2'	E404007-02A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
81-3'	E404007-03A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
81-4'	E404007-04A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
31-5'	E404007-05A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
81-6'	E404007-06A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
32-1'	E404007-07A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
32-2'	E404007-08A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
32-3'	E404007-09A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
32-4'	E404007-10A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
32-5'	E404007-11A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
2-6'	E404007-12A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
33-1'	E404007-13A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
3-2'	E404007-14A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
3-3'	E404007-15A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
3-4'	E404007-16A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
3-5'	E404007-17A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
3-6'	E404007-18A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
4-1'	E404007-19A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
4-2'	E404007-20A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
4-3'	E404007-21A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
4-4'	E404007-22A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
4-5'	E404007-23A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
4-6'	E404007-24A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
5-1'	E404007-25A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
35-2'	E404007-26A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
5-3'	E404007-27A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
5-4'	E404007-28A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
5-5'	E404007-29A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
5-6'	E404007-30A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
6-1'	E404007-31A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
66-2'	E404007-32A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
6-3'	E404007-33A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
6-4'	E404007-34A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
6-5'	E404007-35A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
66-6'	E404007-36A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
37-1'	E404007-37A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
37-2'	E404007-38A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
37-3'	E404007-39A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
7-4'	E404007-40A Soil	03/29/24	04/02/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S1-1'

		E404007-01				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
p-Xylene	ND	0.0250	1	04/02/24	04/04/24	
o,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		91.4 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2414030
Chloride	63.6	20.0	1	04/02/24	04/03/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S1-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	35.1	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		94.5 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S1-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	90.5	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	65.3	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		95.8 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S1-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	132	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	101	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		98.7 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S1-5'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		96.9 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	-



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S1-6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		95.7 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2414030



]	Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
]	PO Box 247	Project Number:	01058-0007	Reported:
]	Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S2-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	28.2	25.0	1	04/03/24	04/03/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		90.3 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2414030
Chloride	67.0	20.0	1	04/02/24	04/02/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S2-2'

Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2414016
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0500	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
	91.1 %	70-130	04/02/24	04/04/24	
mg/kg	mg/kg	Anal	Analyst: RAS		Batch: 2414016
ND	20.0	1	04/02/24	04/04/24	
	97.1 %	70-130	04/02/24	04/04/24	
mg/kg	mg/kg	Anal	Analyst: KM		Batch: 2414036
ND	25.0	1	04/03/24	04/03/24	
ND	50.0	1	04/03/24	04/03/24	
	92.9 %	50-200	04/03/24	04/03/24	
mg/kg	mg/kg	Anal	lyst: JM		Batch: 2414030
<u> </u>	<u> </u>		•		
	ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 91.1 % mg/kg MD 20.0 97.1 % mg/kg MD 25.0 ND 50.0 92.9 %	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 70-130 mg/kg mg/kg Ana ND 20.0 1 97.1 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 92.9 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RAS ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0500 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 04/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/03/24 ND 25.0 1 04/03/24 ND 50.0 1 04/03/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 04/02/24 04/04/24 ND 0.0500 1 04/02/24 04/04/24 ND 0.0250 1 04/02/24 04/04/24 ND 0.0250 1 04/02/24 04/04/24 MD 70-130 04/02/24 04/04/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 04/02/24 04/04/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/03/24 04/03/24 ND 50.0 1 04/03/24 04/03/24 ND 50.0 1 04/03/24 04/03/24 ND



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S2-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		91.9 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	99.0	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	69.2	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		94.8 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2414030
· · · · · · · · · · · · · · · · · · ·	ND	20.0	-	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S2-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	83.6	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	63.5	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		93.0 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2414030
· · · · · · · · · · · · · · · · · · ·	ND	20.0		04/02/24	04/03/24	<u> </u>



]	Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
]	PO Box 247	Project Number:	01058-0007	Reported:
]	Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S2-5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		93.3 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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S2-6'

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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		93.9 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2414030
		·	·	·	·	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S3-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		92.1 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: JM		Batch: 2414030
Chloride	ND	20.0		04/02/24	04/03/24	·



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S3-2'

		ъ .:				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		89.9 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	·



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
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S3-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	58.2	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		89.8 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2414030



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S3-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	116	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	84.9	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		96.3 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	•



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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S3-5'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		96.5 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	•



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S3-6'

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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		95.3 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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S4-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		89.2 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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S4-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2414016
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414036
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		87.4 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	•



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S4-3'

		E404007-21				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		108 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2414032
Chloride	ND	20.0	1	04/02/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S4-4'

	D				
					
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2414017
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0500	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
	94.8 %	70-130	04/02/24	04/04/24	
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2414017
ND	20.0	1	04/02/24	04/04/24	
	90.0 %	70-130	04/02/24	04/04/24	
mg/kg	mg/kg	Anal	lyst: KM		Batch: 2414037
ND	25.0	1	04/03/24	04/04/24	_
ND	50.0	1	04/03/24	04/04/24	
	115 %	50-200	04/03/24	04/04/24	
mg/kg	mg/kg	Anal	lyst: DT		Batch: 2414032
	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 94.8 % mg/kg ND 20.0 90.0 % mg/kg ND 25.0 ND 50.0 115 %	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 MD 20.0 1 Mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 115 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0500 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/03/24 ND 50.0 1 04/03/24 ND 50.0 1 04/03/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/02/24 04/04/24 ND 0.0500 1 04/02/24 04/04/24 ND 0.0250 1 04/02/24 04/04/24 MB/kg 70-130 04/02/24 04/04/24 MB/kg mg/kg Analyst: BA ND 20.0 1 04/02/24 04/04/24 MB/kg mg/kg Analyst: KM ND 25.0 1 04/03/24 04/04/24 ND 25.0 1 04/03/24 04/04/24 ND 50.0 1 04/03/24 04/04/24 ND 50.0 1 04/03/24 04/04/24



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S4-5'

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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		108 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2414032
Chloride	ND	20.0	1	04/02/24	04/04/24	•



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

\$4-6' E404007-24

Reporting Analyte Result Limit Dilution Prepared Analyzed Notes mg/kg mg/kg Analyst: BA Batch: 2414017 Volatile Organics by EPA 8021B 04/02/24 04/04/24 Benzene ND 0.025004/02/24 04/04/24 1 Ethylbenzene ND 0.025004/04/24 ND 0.0250 04/02/24 Toluene 1 04/02/24 04/04/24 ND 0.0250 o-Xylene ND 0.0500 04/02/24 04/04/24 p,m-Xylene

Total Xylenes	ND	0.0250		1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130		04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analys	st: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130		04/02/24	04/04/24	
	/1	/1		A 1	-4. IZM		5 1 2414027
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analys	SU: KIVI		Batch: 2414037
Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	MD/Kg	25.0		Analys 1	04/03/24	04/04/24	Batch: 241403/
				Analys 1 1		04/04/24 04/04/24	Batch: 241403/
Diesel Range Organics (C10-C28)	ND	25.0	50-200	1 1	04/03/24		Batch: 2414037
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND	25.0 50.0	50-200	Analys Analys	04/03/24 04/03/24 04/03/24	04/04/24	Batch: 2414037

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S5-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	1390	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	729	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		126 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2414032
Chloride	162	20.0	1	04/02/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S5-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	63.7	25.0	1	04/03/24	04/06/24	
Oil Range Organics (C28-C36)	55.1	50.0	1	04/03/24	04/06/24	
Surrogate: n-Nonane		101 %	50-200	04/03/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2414032
Chloride	ND	20.0	1	04/02/24	04/04/24	_



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S5-3'

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	73.1	25.0	1	04/03/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/06/24	
Surrogate: n-Nonane		105 %	50-200	04/03/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2414032
Chloride	ND	20.0	1	04/02/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S5-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		109 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2414032
	ND	20.0	-	04/02/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S5-5'

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: BA		Batch: 2414017
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0500	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
	94.2 %	70-130	04/02/24	04/04/24	
mg/kg	mg/kg	An	alyst: BA		Batch: 2414017
ND	20.0	1	04/02/24	04/04/24	
	90.8 %	70-130	04/02/24	04/04/24	
mg/kg	mg/kg	An	alyst: KM		Batch: 2414037
ND	25.0	1	04/03/24	04/05/24	
ND	50.0	1	04/03/24	04/05/24	
	109 %	50-200	04/03/24	04/05/24	
mg/kg	mg/kg	An	alyst: DT		Batch: 2414032
	mg/kg 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 20.0250 94.2 % mg/kg MD 20.0 90.8 % mg/kg ND 25.0 ND 50.0 109 %	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 94.2% 70-130 mg/kg mg/kg An ND 20.0 1 90.8% 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 109% 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0500 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/03/24 ND 50.0 1 04/03/24 109 % 50-200 04/03/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/02/24 04/04/24 ND 0.0500 1 04/02/24 04/04/24 ND 0.0250 1 04/02/24 04/04/24 MD 0.0250 1 04/02/24 04/04/24 MD 0.0250 1 04/02/24 04/04/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/02/24 04/04/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/03/24 04/05/24 ND 50.0 1 04/03/24 04/05/24 ND 50.0 1 04/03/24 04/05/24



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S5-6'

E404007-30						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/05/24	
Surrogate: n-Nonane		112 %	50-200	04/03/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2414032
Chloride	ND	20.0	1	04/02/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S6-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	1780	25.0	1	04/03/24	04/05/24	
Oil Range Organics (C28-C36)	818	50.0	1	04/03/24	04/05/24	
Surrogate: n-Nonane		116 %	50-200	04/03/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2414032
· · · · · · · · · · · · · · · · · · ·	151	20.0		04/02/24	04/04/24	•



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S6-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	102	25.0	1	04/03/24	04/06/24	
Oil Range Organics (C28-C36)	98.1	50.0	1	04/03/24	04/06/24	
Surrogate: n-Nonane		109 %	50-200	04/03/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2414032
Chloride	ND	20.0	1	04/02/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S6-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/05/24	
Surrogate: n-Nonane		112 %	50-200	04/03/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2414032
Chloride	ND	20.0	1	04/02/24	04/04/24	_



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S6-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/05/24	
Surrogate: n-Nonane		110 %	50-200	04/03/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2414032
Chloride	ND	20.0	1	04/02/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S6-5'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/05/24	
Surrogate: n-Nonane		108 %	50-200	04/03/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2414032
Chloride	ND	20.0	1	04/02/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S6-6'

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Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2414017
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
ND	0.0500	1	04/02/24	04/04/24	
ND	0.0250	1	04/02/24	04/04/24	
	93.4 %	70-130	04/02/24	04/04/24	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2414017
ND	20.0	1	04/02/24	04/04/24	
	90.9 %	70-130	04/02/24	04/04/24	
mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414037
ND	25.0	1	04/03/24	04/05/24	
ND	50.0	1	04/03/24	04/05/24	
	109 %	50-200	04/03/24	04/05/24	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2414032
	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 mg/kg mg/kg ND 20.0 90.9 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 93.4 % 70-130 mg/kg mg/kg Ana ND 20.0 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0500 1 04/02/24 ND 0.0250 1 04/02/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/03/24 ND 25.0 1 04/03/24 ND 50.0 1 04/03/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 04/02/24 04/04/24 ND 0.0500 1 04/02/24 04/04/24 ND 0.0250 1 04/02/24 04/04/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/02/24 04/04/24 mg/kg mg/kg Analyst: BA ND 20.0 1 04/02/24 04/04/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/03/24 04/05/24 ND 50.0 1 04/03/24 04/05/24



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S7-1'

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Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Allaryte	Kesuit	Limit	Dilution	i i i i i i i i i i i i i i i i i i i	Anaryzeu	rvotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	2020	25.0	1	04/03/24	04/05/24	
Oil Range Organics (C28-C36)	935	50.0	1	04/03/24	04/05/24	
Surrogate: n-Nonane		117 %	50-200	04/03/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2414032
Chloride	169	20.0	1	04/02/24	04/04/24	•



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S7-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	64.9	25.0	1	04/03/24	04/06/24	
Oil Range Organics (C28-C36)	63.2	50.0	1	04/03/24	04/06/24	
Surrogate: n-Nonane		113 %	50-200	04/03/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2414032
	ND	20.0	-	04/02/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S7-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/05/24	
Surrogate: n-Nonane		113 %	50-200	04/03/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2414032
Chloride	ND	20.0	1	04/02/24	04/08/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

S7-4'

		ъ .:				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2414017
Benzene	ND	0.0250	1	04/02/24	04/04/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/04/24	
Toluene	ND	0.0250	1	04/02/24	04/04/24	
o-Xylene	ND	0.0250	1	04/02/24	04/04/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/04/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/04/24	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: BA		Batch: 2414017
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	04/02/24	04/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	Analyst: KM		Batch: 2414037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/05/24	
Surrogate: n-Nonane		112 %	50-200	04/03/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2414032
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Cotton Draw 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Gio Gomez 4/8/2024 2:56:44PM **Volatile Organics by EPA 8021B** Analyst: RAS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2414016-BLK1) Prepared: 04/02/24 Analyzed: 04/04/24 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 7.43 8.00 92.8 70-130 LCS (2414016-BS1) Prepared: 04/02/24 Analyzed: 04/04/24 5.10 102 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.07 0.0250 5.00 101 70-130 5.07 0.0250 5.00 101 70-130 Toluene o-Xylene 5.01 0.0250 5.00 100 70-130 10.2 10.0 102 70-130 0.0500 p.m-Xvlene 101 70-130 15.2 15.0 Total Xylenes 0.0250 8.00 94.1 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.53 Matrix Spike (2414016-MS1) Source: E404007-06 Prepared: 04/02/24 Analyzed: 04/04/24 5.38 0.0250 5.00 ND 54-133 Benzene ND 107 61-133 Ethylbenzene 5.35 0.0250 5.00 Toluene 5.36 0.0250 5.00 ND 107 61-130 5.29 ND 106 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.8 0.0500 10.0 ND 108 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.61 8.00 Matrix Spike Dup (2414016-MSD1) Source: E404007-06 Prepared: 04/02/24 Analyzed: 04/04/24 5.26 0.0250 5.00 ND 54-133 2.31 5.25 ND 61-133 1.95 0.0250 5.00 105 20 Ethylbenzene 61-130 Toluene 5 23 0.0250 5.00 ND 105 2 37 20 5.20 5.00 ND 104 63-131 1.71 20 o-Xylene 0.0250 10.5 10.0 ND 105 63-131 1.93 20 p,m-Xylene 0.0500



15.7

7.61

0.0250

15.0

8.00

ND

105

95.1

63-131

70-130

1.86

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Cotton Draw 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Gio Gomez 4/8/2024 2:56:44PM **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 (2414017-BLK1) Prepared: 04/02/24 Analyzed: 04/04/24 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 7.54 8.00 94.2 70-130 LCS (2414017-BS1) Prepared: 04/02/24 Analyzed: 04/04/24 5.57 111 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.41 0.0250 5.00 108 70-130 5.56 0.0250 5.00 111 70-130 Toluene 109 o-Xylene 5.47 0.0250 5.00 70-130 11.0 10.0 110 70-130 0.0500 p.m-Xvlene 110 70-130 16.5 15.0 Total Xylenes 0.0250 8.00 94.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.57 Matrix Spike (2414017-MS1) Source: E404007-35 Prepared: 04/02/24 Analyzed: 04/04/24 5.48 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 5.33 0.0250 5.00 107 Toluene 5.47 0.0250 5.00 ND 109 61-130 5.39 ND 108 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.9 0.0500 10.0 ND 109 63-131 16.3 0.0250 15.0 ND 63-131 Total Xylenes 7.72 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.00 Matrix Spike Dup (2414017-MSD1) Source: E404007-35 Prepared: 04/02/24 Analyzed: 04/04/24 5.46 0.0250 5.00 ND 54-133 0.339 ND 61-133 5.30 0.0250 5.00 106 0.681 20 Ethylbenzene Toluene 5 44 0.0250 5.00 ND 109 61-130 0.536 20 5.36 5.00 ND 107 63-131 0.632 20 o-Xylene 0.0250 0.551 10.8 10.0 ND 108 63-131 20 p,m-Xylene 0.0500 Total Xylenes 16.2 0.0250 15.0 ND 108 63-131 0.578 20

8.00

97.2

70-130



Surrogate: 4-Bromochlorobenzene-PID

7.78

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw 25 CTB 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				4/8	/2024 2:56:44PM
	Non		Analyst: RAS						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2414016-BLK1)							Prepared: 0	4/02/24 Analy	zed: 04/04/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			
LCS (2414016-BS2)							Prepared: 0	4/02/24 Analy	zed: 04/04/24
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.4	70-130			
Matrix Spike (2414016-MS2)				Source:	E404007-	06	Prepared: 0	4/02/24 Analy	zed: 04/04/24
Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			
Matrix Spike Dup (2414016-MSD2)				Source:	E404007-	06	Prepared: 0	4/02/24 Analy	zed: 04/04/24
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130	2.21	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				4/	8/2024 2:56:44PM
	Non	halogenated	Organics l	y 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 (2414017-BLK1)							Prepared: 0	4/02/24 Anal	yzed: 04/04/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			
LCS (2414017-BS2)							Prepared: 0	4/02/24 Anal	yzed: 04/04/24
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			
Matrix Spike (2414017-MS2)				Source:	E404007-	35	Prepared: 0-	4/02/24 Anal	yzed: 04/04/24
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	ND	84.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.2	70-130			
Matrix Spike Dup (2414017-MSD2)				Source:	E404007-3	35	Prepared: 0	4/02/24 Anal	yzed: 04/04/24
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130	19.5	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		90.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				4	/8/2024 2:56:44PM	
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 (2414036-BLK1)							Prepared: 0	4/03/24 Ana	lyzed: 04/03/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Dil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	47.5		50.0		95.0	50-200				
LCS (2414036-BS1)							Prepared: 0	4/03/24 Ana	lyzed: 04/03/24	
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132				
Surrogate: n-Nonane	49.4		50.0		98.7	50-200				
Matrix Spike (2414036-MS1)				Source:	E404007-0	03	Prepared: 0	4/03/24 Ana	lyzed: 04/03/24	
Diesel Range Organics (C10-C28)	394	25.0	250	90.5	122	38-132				
Surrogate: n-Nonane	48.7		50.0		97.5	50-200				
Matrix Spike Dup (2414036-MSD1)				Source:	E404007-0	03	Prepared: 0	4/03/24 Ana	lyzed: 04/03/24	
Diesel Range Organics (C10-C28)	339	25.0	250	90.5	99.3	38-132	15.2	20		
Surrogate: n-Nonane	51.1		50.0		102	50-200				



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				4	·/8/2024 2:56:44PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - 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 (2414037-BLK1)							Prepared: 0	4/03/24 Ana	alyzed: 04/04/24
riesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	53.6		50.0		107	50-200			
.CS (2414037-BS1)							Prepared: 0	4/03/24 Ana	alyzed: 04/04/24
riesel Range Organics (C10-C28)	285	25.0	250		114	38-132			
urrogate: n-Nonane	58.7		50.0		117	50-200			
Matrix Spike (2414037-MS1)				Source:	E404007-	25	Prepared: 0	4/03/24 Ana	alyzed: 04/04/24
riesel Range Organics (C10-C28)	1680	25.0	250	1390	116	38-132			
urrogate: n-Nonane	59.2		50.0		118	50-200			
Matrix Spike Dup (2414037-MSD1)				Source:	E404007-	25	Prepared: 0	4/03/24 Ana	alyzed: 04/04/24
tiesel Range Organics (C10-C28)	1560	25.0	250	1390	66.0	38-132	7.76	20	
urrogate: n-Nonane	57.0		50.0		114	50-200			
atrix Spike (2414037-MS1) seel Range Organics (C10-C28) atrix Spike (2414037-MS1) seel Range Organics (C10-C28) rrogate: n-Nonane atrix Spike Dup (2414037-MSD1) seel Range Organics (C10-C28)	58.7 1680 59.2	25.0	50.0 250 50.0	1390 Source:	E404007- 116 118 E404007- 66.0	50-200 25 38-132 50-200 25 38-132	Prepared: 0	4/03/24 Ana 4/03/24 Ana	ılyzed:



Matrix Spike Dup (2414030-MSD1)

320

Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw 25 CTB 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/8/2024 2:56:44PM

114115 111, 75000 0217		110jeet manage									
Anions by EPA 300.0/9056A Analyst: JM											
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes		
	mg/kg	mg/kg	mg/kg	mg/kg	70	70	70	70	Notes		
Blank (2414030-BLK1)							Prepared: 0	4/02/24	Analyzed: 04/02/24		
Chloride	ND	20.0									
LCS (2414030-BS1)							Prepared: 0	4/02/24	Analyzed: 04/02/24		
Chloride	251	20.0	250		100	90-110					
Matrix Spike (2414030-MS1)				Source:	E404007-	07	Prepared: 0	4/02/24	Analyzed: 04/02/24		
Chloride	320	20.0	250	67.0	101	80-120					

250

20.0

Source: E404007-07

80-120

0.0737

67.0



Prepared: 04/02/24 Analyzed: 04/03/24

Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw 25 01058-0007	5 CTB				Reported:
Plains TX, 79355-0247		Project Manager	: (Gio Gomez					4/8/2024 2:56:44PM
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414032-BLK1)							Prepared: 0	4/02/24 A	nalyzed: 04/03/24
Chloride	ND	20.0							
LCS (2414032-BS1)							Prepared: 0	4/02/24 A	nalyzed: 04/03/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2414032-MS1)				Source:	E404007-	23	Prepared: 0	4/02/24 A	nalyzed: 04/04/24
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414032-MSD1)				Source:	E404007-	23	Prepared: 0	4/02/24 A	nalyzed: 04/04/24

250

20.0

101

80-120

0.143

20

QC Summary Report Comment:

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/08/24 14:56

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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tv. State. none: 80	06-782- 10@plm:	bbs. NN	<i>I</i> . 88240	Phone: Email: Pima Project # 249		DRO/ORO by 8015	GRO/DRO by 8015 BTEX by 8021	8260	6010	Chloride 300.0		NM	첫		NM CC	State D UT AZ	
Time iampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/O	GRO/DRO by BTEX by 8021	VOC by 8260	Metals 6010	Chlorid		Верос	BGDOC			Remarks	
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:49	1			52-6'	12							1					
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				cicity of this sample. I am aware that tampering with or intention may be grounds for legal action. Sampled by:	nally mislabelling the sample	location	n,		Samples packed	requiring t	hermal pr avg temp	reservat above (tion mu O but les	st be rece s than 6 °	ved on ice the day Con subsequent o	they are sampl lays.	ed cr
Relinguishe	ed by: (Sign	nature)	Date	Time Received by: (Signature)	- Path_1.	24	T-3:	36	Rece	ived on	ice:		ab Us V N	e Only	1		•
InIr	ed by: (Sign	<u> </u>	Date	1 PM () \ \ c Andrew Ja	1880 U-1-	24	171		<u> </u>			12			T3		
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Client: Epine Environmental Services Project Annual Project # 200 GPM2 Address: 5814 N. Lovington Phone Commerce Sip General Address: 5814 N. Lovington Phone Clink State Zip Phone: 680-521-151 Email: 100/201macl.com Report size by: The Party Project # 249-2 Email: 100/201macl.com Report size by: The Party Project # 249-2 Email: 100/201macl.com Report size by: The Project # 249-2 Email: 100/201macl.com Report size by: The Party Project # 249-2 Email: 100/201macl.com Report size by: The Party Project # 249-2 Email: 100/201macl.com Report size by: The Party Project # 249-2 Email: 100/201macl.com Report size by: The Party Project # 249-2 Email: 100/201macl.com Remarks 11:19 3 29 5 1 54-3 12:29	Project In	format	tion								Chain c	of Custody	,													Page <u>-</u>	<u></u>	12
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12:19 S5-3' 27 28 12:13 S5-5' 29 12:13 S5-6' 30 12:30 S5-6' 30 12:30 S5-6' 30 Sampler, attest to the validity and authenticity of this sample. I am aware that tampding with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Samples requiring thermal preservation must be received on toe the day they are sampled or received packed in ice at an any temp above 0 but less than 6 to subsequent days. Reclinquished by: (Signature) Date		1			十	1				7 · · · · · · · · · · · · · · · · · · ·										\dashv		一		\dashv		-		_
28 2:13 55-5' 29			\dagger		1															1			+					
Additional Instructions: Container Type: g = glass_ p = poly/plastic age - angles glass_ p = poly/plastic age - angles_ plastic age -			\top		T							20							\dashv		H			+	-			\dashv
Additional Instructions: Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - smbpt glass, v - VOA Container Type: g - glass, p - poly/plastic, ag - glass,			\top	\top	\top	\neg		, <u>4 4 4 4 4 </u>											_	+	H	-	_	\dashv	······································			-
Additional Instructions: Container Type: g - glass, p - poly/nlast/r, ag - ampler, das y - y/OA Additional Instructions: Container Type: g - glass, p - poly/nlast/r, ag - ampler glass, y - y/OA Container Type: g - glass, p - poly/nlast/r, ag - ampler glass, y - y/OA Container Type: g - glass, p - poly/nlast/r, ag - ampler glass, y - y/OA Container Type: g - glass, p - poly/nlast/r, ag - ampler glass, y - y/OA Container Type: g - glass, p - poly/nlast/r, ag - ampler glass, y - y/OA Container Type: g - glass, p - poly/nlast/r, ag - ampler glass, y - y/OA	i	1	+	.	\dagger	T	7													+	H	-	\dashv	+				_
A fileld sampler), attest to the validity and authenticity of this sample. I am aware that tampening with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Relinquished by: (Signature) Pate Time Time Received by: (Signature) Pate Time Time Received by: (Signature) Pate Time		al Instr	uctio	ons:			100.0	2:11	m	2121	030		<u> </u>								<u>. </u>	1						4
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Received on ice: N Received by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature) Date Time Received by: (Signature) Date Time Received by: (Signature) Date U-1-14 Time Received by: (Signature) AVG Temp °C Container Type: g - glass, p - poly/plastic, ag - amper glass, y - y/OA	Relinguishe	d by: (Si	gnatu	ıre)								Clate,	1	Time_			packed	in ice at	an avg t	emp ab	ove 0	but less	than 6	ton sub	sequent day	rs.		_
Relinguished by: (Signature) Date Time Received by: (Signature) Date Time Received by: (Signature) Date Time U.2.2U O.00 AVG Temp °C Container Type: g - glass, p - poly/plast/c, ag - amper glass, v - VOA	LAT! Relinguishe	Me of	gnatu	re)	-/	/ \rightarrow Pate	1.24 Times	<u>330 (!</u>	\mathcal{L}	ully		4-1-2 Date	\mathcal{Y}	/3	30	\Box	Rece	ived	on ice	e: (- - - 111	7				
Sample Matrix: 5 - Solil, \$q - Sludge, A - Aqueous, O - Other Container Type; g - glass, p - poly/plastic, ag - amber glass, y - VOA	(VX				口	4.24 12		1-64	/ //.9		4-1-	14	1.	<u>715</u>		T1			_ I	2			L	3			
Sample Matrix: 5 - Soil, Sd - Soild, Sg - Studge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amper glass, y - VOA	Inde	rew	<u> </u>	HG		U	-1-24 W	230 C	vea by:	(Signature)	Δ	-		'' ^{me}	:.O	0	AVG	Temi	o °C	L	•							
	Sample Matri	x: S - Sol	, Sd -	Solid, Se	- Sluc	ige, A - A	queous, O - Other			7		Container	Туре	g - g	lass, p	3 - DO	lv/nla	stic	20 - 2r	nber	glass	, v - \	/OA				· · · · · · · · · · · · · · · · · · ·	-



Project Information

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Chain of Custody

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Page		of	<u> 12</u>

Client: P	ima É	nviro	nment	al Serv	rices	1000	Bi	il To		21.23	12.578	V. (1)	Feet C	DNep TVP	170,000		5251			TAT			
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Address:							City, State, Zip							Analy	sis ar	d Met	hod				7.7 Y Y Y		RCRA
City, Stat Phone: {				1. 8824	0	, (5) 1 1 - 1	Phone:											T					
Emall:							Email:			뛇	8015	ı						-				State	
Report d		minac	/II.OOIII				Pima Project # 2	44-2		Ē	ρ	1021	92	9	8	1					NM CO	UT AZ	TX
Time	Date		Matrix	No. of	Sample ID				Lab	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		- 1		×	i i	r		
Sampled	Samp	<u> </u>	$\overline{}$	Containers	<u> </u>				Number	, a	GR	- Bal	<u>\$</u>	Me	ŧ			3				Remarks	
12:33	3/2	9	<u> </u>	1	36-1	•			31								×						
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12:41					56-3	,			33							T							
12:46					56- 4)			34								- /		1			·	
12:58					56-5'				35								\parallel	1	1				
1:03					56-6				36								T	┪	\top				
1:10					S7-1'				37		-						1	\dagger		\top			
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1:23					57~ 3'				39								1/	+	\top	\dagger			
1:30	\prod				57- 4	•	-		40							1	1	T	1	+			
Addition	al Ins	ructio	ons:				Billing#	-21210	307		<u>.</u>										L		
					nticity of this sample. I may be grounds for I		vare that tampering with or inte	entionally mislabellin	g the sample	locatio	n,		S	iamples vacked i	requiri	ng therma	np abov	ration e 0 bu	must be	e received o	on ice the day the	y are sample	or received
Relinguish	ed by: (igpatu la 1	re) We	Dat /	1-1.24 Rmg	33	Redeived by: (Signatur	P)	Date 1.2	4	Time 2	3				on ice	· ·	Lab	Use				
Refinquish	P DY:	ignatu	re)	Dat	4-1.24	() (Receivedfoy: (Signatur		Date 4-1-2	,4	ıme	715		NCLE:	iveu (on ice	· (Y)	N				
Rethrough	. 1	Signatu	105_	Dat	1-1-24 C	23	Received by: (Signatur	re)	Date 4-2-2	-	Time	:00	\neg	1		0,	4				13		
Sample Mat	rix: S - S	oil, Sd - S	Solid, Sg -	Sludge, A -	Aqueous, O - Other		<u>- </u>		Container	Tyna	g . gl	266 W	- 22	/mla			hor cl		· VO				
Note: Sam	container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA The impliest and its applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the container of the container of the container of the laboratory is limited to the container of the container of the laboratory is limited to the container of the container of the laboratory is limited to the laboratory i																						
samples is	applica	ble only	y to those	e samples	received by the lab	orato	y with this COC. The liability	of the laboratory i	is limited to	the an	nount	paid fo	or on t	the re	port.			PC113	III	- reput	ior the analys	sis of the al	oove



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Printed: 4/2/2024 1:19:30PM

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:	04/02/24 0	09:00	Work Order ID:	E404007
Phone:	(575) 631-6977	Date Logged In:	04/01/24	16:24	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	04/08/24	17:00 (4 day TAT)		
	Custody (COC)					
	e sample ID match the COC?	ul de COC	Yes			
	te number of samples per sampling site location man	ich the COC	Yes			
	amples dropped off by client or carrier?	stad amalysasa?	Yes Yes	Carrier: <u>C</u>	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, requestal samples received within holding time?	sted allaryses?	Yes			
5. Wele al	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.	•	168		Commen	s/Resolution
	urn Around Time (TAT)		Yes		Cotton Draw 25 CTB h	as been separated
	COC indicate standard TAT, or Expedited TAT?		ies		into multiple workorder	-
Sample C	ample cooler received?		Yes		-	-
	was cooler received in good condition?		Yes		sample volume. WO are	
	e sample(s) received intact, i.e., not broken?				E404007, E404008 and	E404009.
	custody/security seals present?		Yes			
	were custody/security seals intact?		No			
•	• •		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			
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			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers'	?	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab	<u>oel</u>					
20. Were	field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
_	ate/Time Collected? ollectors name?		Yes	•		
	reservation		No			
	the COC or field labels indicate the samples were pre-	reserved?	No			
	umple(s) correctly preserved?	reserved.	NA			
	filteration required and/or requested for dissolved n	netals?	No			
	se Sample Matrix		110			
-	the sample have more than one phase, i.e., multipha	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
		,204.	INA			
	act Laboratory	٥	N.T.			
	amples required to get sent to a subcontract laborato	-	No	0.1	NIA	
	subcontract laboratory specified by the client and in	r so wno?	NA	Subcontract Lab): NA	
Client In	struction					
						0

Date

Report to:
Gio Gomez



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 25 CTB

Work Order: E404008

Job Number: 01058-0007

Received: 4/2/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/9/24

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

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

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

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

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

Date Reported: 4/9/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw 25 CTB

Workorder: E404008

Date Received: 4/2/2024 9:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/2/2024 9:00:00AM, under the Project Name: Cotton Draw 25 CTB.

The analytical test results summarized in this report with the Project Name: Cotton Draw 25 CTB 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 25 CTBPO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez04/09/24 09:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S7-5'	E404008-01A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S7-6'	E404008-02A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S8-1'	E404008-03A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S8-2'	E404008-04A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S8-3'	E404008-05A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S8-4'	E404008-06A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S8-5'	E404008-07A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S8-6'	E404008-08A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S9-1'	E404008-09A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S9-2'	E404008-10A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S9-3'	E404008-11A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S9-4'	E404008-12A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S9-5'	E404008-13A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S9-6'	E404008-14A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S10-1'	E404008-15A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S10-2'	E404008-16A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
510-3'	E404008-17A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S10-4'	E404008-18A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
310-5'	E404008-19A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
510-6'	E404008-20A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
311-1'	E404008-21A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
311-2'	E404008-22A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
311-3'	E404008-23A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
11-4'	E404008-24A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S12-1'	E404008-25A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
312-2'	E404008-26A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz
312-3'	E404008-27A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz
S12-4'	E404008-28A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S13-1'	E404008-29A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
813-2'	E404008-30A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
813-3'	E404008-31A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
813-4'	E404008-32A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
514-1'	E404008-33A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
514-2'	E404008-34A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
314-3'	E404008-35A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S14-4'	E404008-36A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S15-1'	E404008-37A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S15-2'	E404008-38A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S15-3'	E404008-39A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S15-4'	E404008-40A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
J.J. 1	L707000-70A	5011	03,27,21	0 02/2 I	5.200 vai, 2 02.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S7-5' E404008-01

		E101000 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		86.3 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S7-6'

	Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		85.2 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S8-1'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	1950	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	1020	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		89.2 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2414033
Chloride	166	20.0	1	04/02/24	04/03/24	·



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S8-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	62.9	25.0	1	04/03/24	04/08/24	
Oil Range Organics (C28-C36)	50.5	50.0	1	04/03/24	04/08/24	
Surrogate: n-Nonane		82.3 %	50-200	04/03/24	04/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2414033
Chloride	ND	20.0	-	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S8-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	43.6	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		89.0 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2414033
Chloride	ND	20.0		04/02/24	04/03/24	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S8-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	30.7	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		88.3 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2414033
-	ND	20.0		04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S8-5'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/03/24	
Surrogate: n-Nonane		85.9 %	50-200	04/03/24	04/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2414033



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S8-6'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		86.2 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2414033
Amons by ETA 300:0/7030A						



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S9-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		82.7 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S9-2'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		84.1 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2414033
Allions by EFA 500.0/9050A						



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S9-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		84.7 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S9-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		84.9 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S9-5'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		87.8 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S9-6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		88.2 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2414033
	ND	20.0		04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S10-1'

		Domontino				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		83.1 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S10-2'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		80.2 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S10-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		87.5 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2414033
	ND	20.0		04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S10-4'

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		88.4 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2414033
Chloride	ND	20.0	-	04/02/24	04/03/24	<u> </u>



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S10-5'

		E404008-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
o,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2414018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2414038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		87.4 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S10-6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2414018
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2414018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Ana	Analyst: KM		Batch: 2414038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/03/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/03/24	04/04/24	
Surrogate: n-Nonane		92.0 %	50-200	04/03/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2414033	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S11-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.1 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/04/24	
Surrogate: n-Nonane		85.8 %	50-200	04/04/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S11-2'

		D				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
	mg/kg	mg/kg		alyst: RKS	7 mary 200	Batch: 2414026
Volatile Organics by EPA 8021B	ND		1	04/02/24	04/03/24	Datell. 2414020
Benzene		0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1			
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/04/24	
Surrogate: n-Nonane		86.3 %	50-200	04/04/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	
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Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	Analyst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/04/24	
Surrogate: n-Nonane		86.7 %	50-200	04/04/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2414034
-	ND	20.0		04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S11-4'

	Danartina				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2414026
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0500	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
	92.4 %	70-130	04/02/24	04/03/24	
mg/kg	mg/kg	Ar	Analyst: RKS		Batch: 2414026
ND	20.0	1	04/02/24	04/03/24	
	98.2 %	70-130	04/02/24	04/03/24	
mg/kg	mg/kg	mg/kg Analyst: KM			Batch: 2414052
ND	25.0	1	04/04/24	04/04/24	
ND	50.0	1	04/04/24	04/04/24	
	87.6 %	50-200	04/04/24	04/04/24	
	/1	Λ.	nalyst: WF		Batch: 2414034
mg/kg	mg/kg	Al	lalyst. W1		Batch: 2414034
	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 92.4 % mg/kg mg/kg ND 20.0 98.2 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Ar ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 92.4 % 70-130 mg/kg mg/kg Ar ND 20.0 1 98.2 % 70-130 mg/kg mg/kg Ar ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0500 1 04/02/24 ND 0.0250 1 04/02/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 04/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/04/24 ND 50.0 1 04/04/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 04/02/24 04/03/24 ND 0.0250 1 04/02/24 04/03/24 ND 0.0250 1 04/02/24 04/03/24 ND 0.0500 1 04/02/24 04/03/24 ND 0.0250 1 04/02/24 04/03/24 ND 0.0250 1 04/02/24 04/03/24 MD 0.0250 1 04/02/24 04/03/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 04/02/24 04/03/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/04/24 04/04/24 ND 25.0 1 04/04/24 04/04/24 ND 50.0 1 04/04/24 04/04/24



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S12-1'

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Amalista	Dagult	Reporting	D:14:-	m Duamana J	A malaura d	Notes
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		91.6%	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/04/24	
Surrogate: n-Nonane		86.9 %	50-200	04/04/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	·



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S12-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		91.6%	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/04/24	
Surrogate: n-Nonane		84.0 %	50-200	04/04/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	_



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S12-3'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/04/24	
Surrogate: n-Nonane		85.0 %	50-200	04/04/24	04/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S12-4'

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D 1:			ъ		3 7 .
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: RKS		Batch: 2414026
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0500	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
	91.0 %	70-130	04/02/24	04/03/24	
mg/kg	mg/kg	An	Analyst: RKS		Batch: 2414026
ND	20.0	1	04/02/24	04/03/24	
	96.6 %	70-130	04/02/24	04/03/24	
mg/kg	mg/kg	An	alyst: KM		Batch: 2414052
ND	25.0	1	04/04/24	04/04/24	
ND	50.0	1	04/04/24	04/04/24	
	88.5 %	50-200	04/04/24	04/04/24	
mg/kg	mg/kg	An	alyst: WF		Batch: 2414034
	ND Mg/kg 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 20.0250 MB/kg mg/kg ND 20.0 96.6 % mg/kg ND 25.0 ND 50.0 88.5 %	mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 91.0 % 70-130 mg/kg mg/kg An ND 20.0 1 96.6 % 70-130 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 88.5 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0500 1 04/02/24 ND 0.0250 1 04/02/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 04/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/04/24 ND 50.0 1 04/04/24 88.5 % 50-200 04/04/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 04/02/24 04/03/24 ND 0.0500 1 04/02/24 04/03/24 ND 0.0250 1 04/02/24 04/03/24 MD 0.0250 1 04/02/24 04/03/24 Mg/kg mg/kg Analyst: RKS ND 20.0 1 04/02/24 04/03/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/02/24 04/04/24 ND 25.0 1 04/04/24 04/04/24 ND 50.0 1 04/04/24 04/04/24 ND 50.0 1 04/04/24 04/04/24



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S13-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		88.1 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	·



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S13-2'

E404008-30						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		86.9 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S13-3'

		E404008-31				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		86.8 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S13-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		89.3 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2414034
Chloride	ND	20.0		04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S14-1'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		86.7 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	•



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S14-2'

		Damati				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	At	nalyst: RKS	<u>-</u>	Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		87.4 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S14-3'

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: RKS		Batch: 2414026
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
ND	0.0500	1	04/02/24	04/03/24	
ND	0.0250	1	04/02/24	04/03/24	
	93.1 %	70-130	04/02/24	04/03/24	
mg/kg	mg/kg	Analyst: RKS			Batch: 2414026
ND	20.0	1	04/02/24	04/03/24	
	96.8 %	70-130	04/02/24	04/03/24	
mg/kg	mg/kg	An	alyst: KM		Batch: 2414052
ND	25.0	1	04/04/24	04/05/24	
ND	50.0	1	04/04/24	04/05/24	
	85.1 %	50-200	04/04/24	04/05/24	
_		Λ.,	alyst: WF		Batch: 2414034
mg/kg	mg/kg	All	aiyst. wi		Batch. 2414034
	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 mg/kg mg/kg MD 20.0 96.8 % mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 93.1 % 70-130 mg/kg mg/kg An ND 20.0 1 96.8 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0250 1 04/02/24 ND 0.0500 1 04/02/24 ND 0.0250 1 04/02/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 04/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/04/24 ND 50.0 1 04/04/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 04/02/24 04/03/24 ND 0.0250 1 04/02/24 04/03/24 ND 0.0250 1 04/02/24 04/03/24 ND 0.0500 1 04/02/24 04/03/24 ND 0.0250 1 04/02/24 04/03/24 ND 0.0250 1 04/02/24 04/03/24 MD 0.0250 1 04/02/24 04/03/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 04/02/24 04/03/24 mg/kg mg/kg Analyst: KM ND 25.0 1 04/04/24 04/05/24 ND 25.0 1 04/04/24 04/05/24 ND 50.0 1 04/04/24 04/05/24



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S14-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		87.2 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S15-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		83.6 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	•



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S15-2'

		210100000				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		st: RKS	1 11111/200	Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		93.6 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	11	04/04/24	04/05/24	
Surrogate: n-Nonane		81.8 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S15-3'

Notes Batch: 2414026
Batch: 2414026
Batch: 2414026
Batch: 2414052
Batch: 2414034



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

S15-4'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2414026
Benzene	ND	0.0250	1	04/02/24	04/03/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/03/24	
Toluene	ND	0.0250	1	04/02/24	04/03/24	
o-Xylene	ND	0.0250	1	04/02/24	04/03/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/03/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/03/24	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	04/02/24	04/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2414052
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		88.8 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



		QC Si	umm	ary Dat	a				
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	0	Cotton Draw 25 01058-0007	5 СТВ				Reported:
Plains TX, 79355-0247		Project Manager:	(Gio Gomez					4/9/2024 9:09:22AM
		Volatile O	rganics	by EPA 802	21B				Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414018-BLK1)							Prepared: 0	4/02/24 A	nalyzed: 04/05/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			
LCS (2414018-BS1)							Prepared: 0	4/02/24 A	nalyzed: 04/05/24
Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.6	70-130			
Toluene	4.68	0.0250	5.00		93.5	70-130			
o-Xylene	4.65	0.0250	5.00		92.9	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			
Matrix Spike (2414018-MS1)				Source:	E404008-	-08	Prepared: 0	4/02/24 A	nalyzed: 04/05/24
Benzene	5.23	0.0250	5.00	ND	105	54-133			
Ethylbenzene	5.16	0.0250	5.00	ND	103	61-133			
Toluene	5.18	0.0250	5.00	ND	104	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			
Matrix Spike Dup (2414018-MSD1)				Source:	E404008-	-08	Prepared: 0	4/02/24 A	nalyzed: 04/05/24
Benzene	5.20	0.0250	5.00	ND	104	54-133	0.627	20	
Ethylbenzene	5.18	0.0250	5.00	ND	104	61-133	0.239	20	
Toluene	5.16	0.0250	5.00	ND	103	61-130	0.312	20	
o-Xylene	5.14	0.0250	5.00	ND	103	63-131	0.0896	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	0.0231	20	
Total Xylenes	15.5	0.0250	15.0	ND	104	63-131	0.0451	20	
p,m-Xylene Total Xylenes	15.5			ND ND		63-131	0.0231	20	



70-130

Surrogate: 4-Bromochlorobenzene-PID

Cotton Draw 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Gio Gomez 4/9/2024 9:09:22AM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2414026-BLK1) Prepared: 04/02/24 Analyzed: 04/03/24 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 7.40 8.00 92.5 70-130 LCS (2414026-BS1) Prepared: 04/02/24 Analyzed: 04/03/24 5.24 105 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.20 0.0250 5.00 104 70-130 5.20 0.0250 5.00 104 70-130 Toluene 103 o-Xylene 5.14 0.0250 5.00 70-130 10.5 10.0 105 70-130 0.0500 p.m-Xvlene 104 70-130 15.6 15.0 Total Xylenes 0.0250 8.00 92.4 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.39 Matrix Spike (2414026-MS1) Source: E404008-31 Prepared: 04/02/24 Analyzed: 04/03/24 5.09 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 5.04 0.0250 5.00 101 Toluene 5.05 0.0250 5.00 ND 101 61-130 4.99 ND 99.8 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.2 0.0500 10.0 ND 102 63-131 15.1 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.51 8.00 Matrix Spike Dup (2414026-MSD1) Source: E404008-31 Prepared: 04/02/24 Analyzed: 04/03/24 5.41 0.0250 5.00 ND 54-133 6.17 ND 61-133 5.36 0.0250 5.00 107 6.16 20 Ethylbenzene 61-130 Toluene 5.37 0.0250 5.00 ND 107 6.22 20 5.31 5.00 ND 106 63-131 6.22 20 o-Xylene 0.0250 5.77 10.8 10.0 ND 108 63-131 20

0.0500

0.0250

15.0

8.00

ND

107

92.5

63-131

70-130

5.92

20

16.1

7.40



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				4/9	/2024 9:09:22AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		A	analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2414018-BLK1)							Prepared: 0	4/02/24 Analy	zed: 04/05/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.3	70-130			
LCS (2414018-BS2)							Prepared: 0-	4/02/24 Analy	zed: 04/05/24
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.7	70-130			
Matrix Spike (2414018-MS2)				Source:	E404008-	08	Prepared: 0-	4/02/24 Analy	zed: 04/05/24
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			
Matrix Spike Dup (2414018-MSD2)				Source:	E404008-	08	Prepared: 0	4/02/24 Analy	zed: 04/05/24
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0	ND	102	70-130	3.85	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw 25 CTB 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez					4/9/2024 9:09:22AM			
	Noi	nhalogenated	Organics	by EPA 80	15D - Gl	RO			Analyst: RKS RPD Limit			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %		Notes			
Blank (2414026-BLK1)							Prepared: 0	4/02/24 A	nalyzed: 04/03/24			
Gasoline Range Organics (C6-C10)	ND	20.0					*		·			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130						
LCS (2414026-BS2)							Prepared: 0	4/02/24 A	nalyzed: 04/03/24			
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130						
Matrix Spike (2414026-MS2)				Source:	E404008-	31	Prepared: 0	4/02/24 A	nalyzed: 04/03/24			
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130						
Matrix Spike Dup (2414026-MSD2)				Source:	E404008-	31	Prepared: 0	4/02/24 A	nalyzed: 04/03/24			
Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130	3.78	20				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.7	70-130						



QC Summary Data

Cotton Draw 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Gio Gomez Plains TX 79355-0247

Plains TX, 79355-0247		Project Manage	r: Gı	o Gomez				4	/9/2024 9:09:22AN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KM Notes
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414038-BLK1)							Prepared: 0	4/03/24 Ana	lyzed: 04/03/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.8		50.0		83.5	50-200			
LCS (2414038-BS1)							Prepared: 0	4/03/24 Ana	lyzed: 04/03/24
Diesel Range Organics (C10-C28)	250	25.0	250		100	38-132			
Surrogate: n-Nonane	46.0		50.0		92.0	50-200			
Matrix Spike (2414038-MS1)				Source:	E404008-	04	Prepared: 0	4/03/24 Ana	lyzed: 04/03/24
Diesel Range Organics (C10-C28)	314	25.0	250	62.9	101	38-132			
Surrogate: n-Nonane	46.1		50.0		92.1	50-200			
Matrix Spike Dup (2414038-MSD1)				Source:	E404008-	04	Prepared: 0	4/03/24 Ana	lyzed: 04/03/24
Diesel Range Organics (C10-C28)	319	25.0	250	62.9	102	38-132	1.49	20	
Surrogate: n-Nonane	47.0		50.0		94.1	50-200			



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				•	4/9/2024 9:09:22AN
	Nonha	logenated Or	ganics by	EPA 8015I) - 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 (2414052-BLK1)							Prepared: 0-	4/04/24 An	alyzed: 04/04/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.3		50.0		88.5	50-200			
LCS (2414052-BS1)							Prepared: 0-	4/04/24 An	alyzed: 04/04/24
Diesel Range Organics (C10-C28)	249	25.0	250		99.4	38-132			
Surrogate: n-Nonane	45.8		50.0		91.5	50-200			
Matrix Spike (2414052-MS1)				Source:	E404008-	26	Prepared: 0	4/04/24 An	alyzed: 04/04/24
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.2	38-132			
Surrogate: n-Nonane	44.4		50.0		88.9	50-200			
Matrix Spike Dup (2414052-MSD1)				Source:	E404008-	26	Prepared: 0	4/04/24 An	alyzed: 04/04/24
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	38-132	1.05	20	
Surrogate: n-Nonane	44.7		50.0		89.3	50-200			

Analyst: DT

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw 25 CTB 01058-0007	Reported:
Plains TX, 79355-0247	Project Number: Project Manager:	Gio Gomez	4/9/2024 9:09:22AM

Anions	by	EPA	300	.0/90	56A
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Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414033-BLK1)							Prepared: 04	1/02/24 Ana	lyzed: 04/02/24
Chloride	ND	20.0							
LCS (2414033-BS1)							Prepared: 04	1/02/24 Ana	lyzed: 04/03/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2414033-MS1)				Source:	E404008-0	07	Prepared: 04	1/02/24 Ana	lyzed: 04/03/24
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2414033-MSD1)				Source:	E404008-0	07	Prepared: 04	1/02/24 Ana	lyzed: 04/03/24
Chloride	253	20.0	250	ND	101	80-120	0.688	20	



Matrix Spike (2414034-MS1)

Matrix Spike Dup (2414034-MSD1)

Chloride

Chloride

257

252

Prepared: 04/02/24 Analyzed: 04/03/24

Prepared: 04/02/24 Analyzed: 04/03/24

20

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Cotton Draw 25 1058-0007 Gio Gomez	CTB				Reported: 4/9/2024 9:09:22AM
		Anions l	by EPA	300.0/9056A	\				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414034-BLK1)							Prepared: 0	4/02/24 A	nalyzed: 04/03/24
Chloride	ND	20.0							
LCS (2414034-BS1)						Prepared: 0	4/02/24 A	nalyzed: 04/03/24	
Chloride	256	20.0	250		102	90-110			

250

250

20.0

20.0

Source: E404008-25

Source: E404008-25

103

101

80-120

80-120

1.73

ND

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 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/09/24 09:09

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.



Released to Imaging: 9/19/2024 2:37:30 PM

Project Information

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Project In	formation	ı .					Chain	of Custod	y											Page	5 of 12
Project: Project N	ima Envi Col·lon lanager:	Draw Gio Goi	<u> 25 <i>C</i>1</u> mez	8	<u>Addre</u>	tion: Devon ss:	То		PE.	lou ou			11.	77.5	6# -000	1D	2D	TA 3D	Standard	EPA P	rogram SDWA
City, State Phone: 8	5614 N. e. Zip Ho 306-782- gio@pim ue by:	bbs. NI 1151	M. 882		Phone Email		49-Z		DRO/ORO by 8015	510			Analy	sis ar	nd Meth		<u>*</u>		NM CO	State UT AZ	RCRA TX
Time Sampled	Date Sampled	Matrix	No. of Contains	sample ID				Lab Number	DRO/OF	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		Beboc	Верос			Remarks	<u> </u>
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				enticity of this sample. nd may be grounds for le	l am aware that	tampering with or inte Sampled by:	ntionally mislabellin	ng the sample	locatio	n,		5	iamples packed in	requiri	ng thermal an avg ten	preserva	ion mus	t be rece	ved on ice the day Con subsequent d	they are sample	or received
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iate or tim	e of co	lection	is con	nsidere	d fraud and	ticity of this sample. I an may be grounds for legal	n aware that tampe action.	ring with or intentionally Sampled by:	mislabelling ti	he sample l	ocatic	٦,		9	Samples packed l	requiri	ng therm an avg te	el prese mp abo	rvation ve 0 bu	must be	e recel	red on lo	the day the	y are sample:	or received	
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Client: Pima Environme Project: Co Han Draw	15 CtB			135	W.	47574	16	10		1011	1D	2D	301	Standard	CWA	rogram SDWA
rolect Manager: Gio G	omez	Address:		5.4	OF	100	S 12	CE'	%.00	SH:				X	1	3500
Address: 5614 N. Lovin Lity, State, Zip Hobbs, I							An	alysis	and M	ethod						RCRA '
Phone: 806-782-1151	IVI. 0024U	Email:					1									
mall: gio@pimaoil.co	m			801	8015			٦							State	
teport due by:		Pima Project # 249 _ 2		ρ	À	22	8 8	າ ຊັ]	Σ	¥		NMI CO	UT AZ	TX
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Additional Instructions:	· · · · · · · · · · · · · · · · · · ·	Billing # 21210307														
(field sampler), attest to the validate or time of collection is consid	red fraud and r		the sample l	locatio	n,		Sam; pack	ples requested in lo	uiring the e at an ave	rmal pre 3 temp a	servation bove 0	on must but less	t be recei	red on ice the day to on subsequent da	hey are sample	d or received
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ample Matrix: S - Soil, Sd - Solid,	container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA container Type: g - glass, p -															
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Chain of Custody

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I, (field sam	pler), attest t	o the validity	and authent	icity of this sample.	I am awar	e that tampering with or intentionally	mislabelling the	sample l	ocation	7.		Ī	amples	regulris	s therma	d crese	vation	must be	cocobe	ed on Ice the day the		
date or tim	e of collection	ls considere	d fraud and r	may be grounds for	legal action							5	acked i	n ice at	an avg te	mp abov	re 0 bu	t less th	an 6 °C	on subsequent days	y are sample:	or received
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Sample Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other											a55, p	- pol	y/pla	stic, a	g - am	ber gl	ass, '	v - VO	A			
samples is	s applicable	only to thos	e samples r	eceived by the lai	oratory v	ith this COC. The liability of the la	boratory is lim	nited to	the am	iount :	o uter paid fe	or on a	iisposi the re	su ot a nort	t the cl	ient ex	pens	e. Th	e repo	rt for the analys	is of the al	ove



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Printed: 4/2/2024 2:04:00PM

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:	04/02/24	09:00	Work Order ID:	E404008
Phone:	(575) 631-6977		04/01/24		Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Date Logged In: Due Date:		17:00 (4 day TAT)	Logged III By.	Alexa Michaels
Dillair.	g.o.	Due Duic.	0 17 007 2 1			
Chain of Custody (COC)						
1. Does th	e sample ID match the COC?		Yes			
2. Does th	e number of samples per sampling site location ma	tch the COC	Yes			
3. Were samples dropped off by client or carrier?			Yes	Carrier: C	<u>Courier</u>	
4. Was the	COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes		Commen	ts/Resolution
Sample T	urn Around Time (TAT)				G D 6.5 CFD 1	
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Cotton Draw 25 CTB h	-
Sample C	<u>ooler</u>				into multiple workorder	rs due to high
	ample cooler received?		Yes		sample volume. WO are	e as follows:
8. If yes, v	vas cooler received in good condition?		Yes		E404007, E404008 and	
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			
	sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling isible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C		<u> </u>	_			
	ueous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	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 no	on-VOC samples collected in the correct containers	?	Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab	<u>el</u>					
20. Were	ield sample labels filled out with the minimum info	ormation:				
	imple ID?		Yes			
	ate/Time Collected? ollectors name?		Yes			
	reservation		No			
	he COC or field labels indicate the samples were pr	reserved?	No			
	mple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved n	netals?	No			
	se Sample Matrix					
	he sample have more than one phase, i.e., multipha	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
	act Laboratory					
	mples required to get sent to a subcontract laborato	rv?	No			
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	· NA	
	• • •			Subcontract Luc		
Chent In	<u>struction</u>					
						(3)

Report to:
Gio Gomez



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 25 CTB

Work Order: E404009

Job Number: 01058-0007

Received: 4/2/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/9/24

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

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

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

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

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

Date Reported: 4/9/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw 25 CTB

Workorder: E404009

Date Received: 4/2/2024 9:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/2/2024 9:00:00AM, under the Project Name: Cotton Draw 25 CTB.

The analytical test results summarized in this report with the Project Name: Cotton Draw 25 CTB 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

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Michelle Golzales

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-CarlsbadProject Name:Cotton Draw 25 CTBReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez04/09/24 09:07

\$16-2'	Client Sample ID	Lab Sample ID Ma	trix	Sampled	Received	Container
\$16-3' E404009-03A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$17-1' E404009-04A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$17-1' E404009-05A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$17-2' E404009-06A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$17-2' E404009-06A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$17-2' E404009-06A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-1' E404009-08A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-1' E404009-08A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-1' E404009-10A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-2' E404009-10A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-2' E404009-11A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-2' E404009-11A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-2' E404009-12A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-2' E404009-13A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-2' E404009-13A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-2' E404009-13A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$18-2' E404009-13A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$19-2' E404009-13A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$19-2' E404009-15A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$19-2' E404009-15A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$19-2' E404009-15A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-15A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-15A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-15A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-15A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-15A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-25A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-25A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-25A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-25A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-25A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-25A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-25A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-25A Soil 03/29/24 04/02/24 Glass Jar, 2 oz. \$20-2' E404009-25A Soil 03/29/24 04/02/2	S16-1'	E404009-01A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$16-4*	S16-2'	E404009-02A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$17-1' \$1404009-05A \$6\text{ii}\$ \$0\text{3}\text{2}\text{2}\text{4}\$ \$0\text{4}\text{2}\text{2}\text{4}\$ \$C\text{4}\text{6}\text{3}\text{5}\text{2}\text{7}\text{2}\text{5}\text{6}\text{4}\text{6}\text{9}\text{0}\text{5}\text{7}\text{7}\text{9}\text{6}\text{4}\text{6}\text{9}\text{0}\text{9}\text{0}\text{7}\text{2}\text{6}\text{1}\text{8}\text{5}\text{1}\text{7}\text{7}\text{1}\text{6}\text{1}\text{9}\text{0}\text{9}\text{0}\text{7}\text{2}\text{6}\text{1}\text{8}\text{5}\text{1}\text{7}\text{1}\text{1}\text{1}\text{6}\text{4}\text{0}\text{9}\text{9}\text{9}\text{8}\text{3}\text{8}\text{1}\text{7}\text{6}\text{4}\text{9}\text{0}\text{9}\text{2}\text{4}\text{6}\text{1}\text{8}\text{3}\text{8}\text{1}\text{7}\text{6}\text{4}\text{9}\text{9}\text{9}\text{2}\text{4}\text{6}\text{1}\text{8}\text{3}\text{3}\text{7}\text{2}\text{6}\text{4}\text{6}\text{9}\text{9}\text{2}\text{4}\text{6}\text{1}\text{8}\text{3}\text{3}\text{7}\text{2}\text{6}\text{1}\text{8}\text{3}\text{7}\text{2}\text{6}\text{1}\text{6}\text{3}\text{3}\text{7}\text{2}\text{6}\text{1}\text{8}\text{3}\text{3}\text{7}\text{2}\text{6}\text{1}\text{8}\text{3}\text{3}\text{7}\text{2}\text{6}\text{1}\text{8}\text{3}\text{3}\text{7}\text{2}\text{6}\text{1}\text{3}\text{3}\text{1}\text{2}\text{7}\text{6}\text{1}\text{3}\text{5}\text{1}\text{7}\text{2}\text{7}\text{6}\text{1}\text{3}\text{5}\text{1}\text{7}\text{5}\text{1}\text{5}\text{1}\te	S16-3'	E404009-03A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$17-2' \$\text{E404009-06A} \text{ Soil} \text{ 03/29/24} \text{ 04/02/24} \text{ Glass Jar, 2 oz.} \text{ \$17-3'} \text{ E404009-07A} \text{ Soil} \text{ 03/29/24} \text{ 04/02/24} \text{ Glass Jar, 2 oz.} \text{ \$18-1'} \text{ E404009-08A} \text{ Soil} \text{ 03/29/24} \text{ 04/02/24} \text{ Glass Jar, 2 oz.} \text{ \$2.5\$} \text{ \$18-1'} \text{ E404009-09A} \text{ Soil} \text{ 03/29/24} \text{ 04/02/24} \text{ Glass Jar, 2 oz.} \text{ \$2.5\$} \text{ \$18-1'} \text{ E404009-09A} \text{ Soil} \text{ 03/29/24} \text{ 04/02/24} \text{ Glass Jar, 2 oz.} \text{ \$2.5\$} \text{ \$18-3'} \text{ E404009-11A} \text{ Soil} \text{ 03/29/24} \text{ 04/02/24} \text{ Glass Jar, 2 oz.} \text{ \$2.5\$} \text{ \$18-3'} \text{ E404009-11A} \text{ Soil} \text{ 03/30/24} \text{ 04/02/24} \text{ Glass Jar, 2 oz.} \text{ \$2.5\$} \text{ \$19-1'} \text{ E404009-13A} \text{ Soil} \text{ 03/30/24} \text{ 04/02/24} \text{ Glass Jar, 2 oz.} \text{ \$2.5\$} \text{ \$19-2'} \text{ E404009-15A} \text{ Soil} \text{ 03/30/24} \text{ 04/02/24} \text{ Glass Jar, 2 oz.} \text{ \$2.5\$} \text{ \$19-3'} \text{ E404009-15A} \text{ Soil} \text{ 03/30/24} \text{ 04/02/24} \text{ Glass Jar, 2 oz.} \text{ \$2.5\$} \tex	S16-4'	E404009-04A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$17-3' \$\text{E404009-07A} \$\text{Soil}\$ \$03/29/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$18-1' \$\text{E404009-09A} \$\text{Soil}\$ \$03/29/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$18-1' \$\text{E404009-10A} \$\text{Soil}\$ \$03/29/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$18-2' \$\text{E404009-10A} \$\text{Soil}\$ \$03/29/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$18-3' \$\text{E404009-11A} \$\text{Soil}\$ \$03/29/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$18-3' \$\text{E404009-11A} \$\text{Soil}\$ \$03/29/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$18-4' \$\text{E404009-12A} \$\text{Soil}\$ \$03/39/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$19-1' \$\text{E404009-13A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$19-2' \$\text{E404009-15A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$19-3' \$\text{E404009-15A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-2' \$\text{E404009-16A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-2' \$\text{E404009-17A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-2' \$\text{E404009-19A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-3' \$\text{E404009-19A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-3' \$\text{E404009-20A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-4' \$\text{E404009-20A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-2' \$\text{E404009-20A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-3' \$\text{E404009-21A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-3' \$\text{E404009-22A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-3' \$\text{E404009-23A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-3' \$\text{E404009-25A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-3' \$\text{E404009-25A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-3' \$\text{E404009-25A} \$\text{Soil}\$ \$03/30/24 \$04/02/24 \$\text{Glass Jar, 2 oz.}\$ \$20-3' \$\text{E404009-25A} \$\text{Soil}\$ \$03/	S17-1'	E404009-05A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$17-4'	S17-2'	E404009-06A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$\text{S18-1'}\$	S17-3'	E404009-07A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$\text{S18-2}\$	S17-4'	E404009-08A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$18.3'	S18-1'	E404009-09A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$\text{S18-4'}\$ E404009-12A \text{Soil} \text{03/39/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{S19-1'} \text{E404009-13A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{S19-2'} \text{E404009-15A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{S19-3'} \text{E404009-15A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{S19-4'} \text{E404009-16A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{S20-1'} \text{E404009-17A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{S20-2'} \text{E404009-18A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{S20-3'} \text{E404009-19A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{S20-4'} \text{E404009-20A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW1} \text{SW1} \text{E404009-21A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW2} \text{SW3} \text{E404009-22A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW4} \text{E404009-25A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW5} \text{SW6} \text{E404009-25A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW7} \text{E404009-25A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW8} \text{E404009-25A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW8} \text{E404009-25A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW8} \text{SW9} \text{E404009-27A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW8} \text{SW9} \text{E404009-29A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW9} \text{SW10} \text{E404009-30A} \text{Soil} \text{03/30/24} \text{04/02/24} \text{Glass Jar, 2 oz.} \text{SW11} \text{E404009-31A} \text{Soil} \text{03/30/24} \text{04/02/24} Glass Jar, 2	S18-2'	E404009-10A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$\text{S19-1'}\$ E404009-13A \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{S19-2'}\$ E404009-15A \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{S19-3'}\$ E404009-15A \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{S19-4'}\$ E404009-16A \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{S20-1'}\$ E404009-17A \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{S20-2'}\$ E404009-18A \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{S20-3'}\$ E404009-19A \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{S20-4'}\$ E404009-20A \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW1} \text{SW1} \text{E404009-21A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW2} \text{SW4} \text{E404009-22A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW3} \text{SW4} \text{E404009-24A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW4} \text{E404009-24A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW5} \text{SW4} \text{E40409-25A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW5} \text{SW6} \text{E404009-25A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW6} \text{SW6} \text{E404009-25A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW7} \text{E404009-27A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW8} \text{E404009-28A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW9} \text{E404009-29A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW9} \text{E404009-30A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW11} \text{E404009-31A} \text{Soil} \text{O3/30/24} \text{O4/02/24} \text{Glass Jar, 2 oz.} \text{SW12} \text{E404009-33A} \tex	S18-3'	E404009-11A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
S19-2' E404009-14A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. S19-3' E404009-15A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. S19-3' E404009-16A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. S19-4' E404009-16A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. S20-1' E404009-17A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. S20-2' E404009-18A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. S20-3' E404009-19A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. S20-3' E404009-20A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. S20-4' E404009-20A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SWI SWI E404009-21A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SWI SWI E404009-22A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SWI SWI E404009-23A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SWI SWI	S18-4'	E404009-12A S	oil	03/29/24	04/02/24	Glass Jar, 2 oz.
\$\text{S19-3'}\$ E404009-15A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{S19-4'}\$ E404009-16A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{S20-1'}\$ E404009-17A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{S20-2'}\$ E404009-18A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{S20-3'}\$ E404009-19A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{S20-3'}\$ E404009-20A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-21A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW2}\$ E404009-22A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW3}\$ E404009-23A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW3}\$ E404009-23A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW4}\$ E404009-25A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW5}\$ E404009-25A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW5}\$ E404009-25A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW6}\$ E404009-25A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW7}\$ E404009-26A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW7}\$ E404009-27A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW8}\$ E404009-28A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW9}\$ E404009-29A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$ E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. \$\text{SW1}\$	S19-1'	E404009-13A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
\$19.4'	S19-2'	E404009-14A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
\$20-1' \$E404009-17A \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$20-2'} \$\text{ E404009-18A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$20-3'} \$\text{ E404009-19A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$20-4'} \$\text{ E404009-20A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$50-4'} \$\text{ E404009-21A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W2} \$\text{ E404009-22A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W3} \$\text{ E404009-23A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W4} \$\text{ E404009-24A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W5} \$\text{ E404009-25A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W6} \$\text{ E404009-26A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W8} \$\text{ E404009-27A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W9} \$\text{ E404009-29A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W10} \$\text{ E404009-30A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W11} \$\text{ E404009-31A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W12} \$\text{ E404009-33A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W13} \$\text{ E404009-33A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W14} \$\text{ E404009-33A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W15} \$\text{ E404009-33A} \$\text{ Soil} \$\text{ 03/30/24} \$\text{ 04/02/24} \$\text{ Glass Jar, 2 oz.} \text{ \$5W15} \$\text{ E404009-33A} \$\text{ Soil} \$\text{ 03/30/24}	S19-3'	E404009-15A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
\$20-2'	S19-4'	E404009-16A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
\$20-3'	S20-1'	E404009-17A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
S20-4' E404009-20A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW1 E404009-21A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW2 E404009-22A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW3 E404009-23A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW3 EW4 EW404009-24A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. Glass Jar, 2 oz. SW4 EW404009-25A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. Glass Jar, 2 oz. SW6 EW404009-26A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. Glass Jar, 2 oz. SW7 EW404009-27A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. Glass Jar, 2 oz. SW8 EW404009-28A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW9 EW404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 EW404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 EW12 EW404009-33A Soil 03/30/24	S20-2'	E404009-18A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW1 E404009-21A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW2 E404009-22A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW3 E404009-23A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW4 E404009-24A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW5 E404009-25A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW6 E404009-26A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW7 E404009-27A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW8 E404009-28A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW10 E404009-29A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-35A	S20-3'	E404009-19A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW2 E404009-22A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW3 E404009-23A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW4 E404009-24A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW5 E404009-25A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW6 E404009-26A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW7 E404009-27A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW8 E404009-28A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW9 E404009-29A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW10 E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-35A	S20-4'	E404009-20A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW3 E404009-23A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW4 E404009-24A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW5 E404009-25A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW6 E404009-26A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW7 E404009-27A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW8 E404009-28A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW10 E404009-29A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-3	SW1	E404009-21A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW4 E404009-24A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW5 E404009-25A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW6 E404009-26A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW7 E404009-27A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW8 E404009-28A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW9 E404009-29A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW10 E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-3	SW2	E404009-22A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW5 E404009-25A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW6 E404009-26A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW7 E404009-27A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW8 E404009-28A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW9 E404009-29A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW10 E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-	SW3	E404009-23A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW6 E404009-26A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW7 E404009-27A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW8 E404009-28A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW9 E404009-29A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW10 E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009	SW4	E404009-24A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW7 E404009-27A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW8 E404009-28A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW9 E404009-29A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW10 E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW5	E404009-25A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz
SW8 E404009-28A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW9 E404009-29A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW10 E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW6	E404009-26A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW9 E404009-29A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW10 E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW7	E404009-27A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW10 E404009-30A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW11 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW8	E404009-28A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW11 E404009-31A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW12 E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW9	E404009-29A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW12 E404009-32A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW10	E404009-30A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW13 E404009-33A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW11	E404009-31A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW14 E404009-34A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW12	E404009-32A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW15 E404009-35A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW13	E404009-33A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW16 E404009-36A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW14	E404009-34A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW17 E404009-37A Soil 03/30/24 04/02/24 Glass Jar, 2 oz. SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW15	E404009-35A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW18 E404009-38A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW16	E404009-36A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
	SW17	E404009-37A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
SW19 E404009-39A Soil 03/30/24 04/02/24 Glass Jar, 2 oz.	SW18	E404009-38A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.
	SW19	E404009-39A S	oil	03/30/24	04/02/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S16-1' E404009-01

		E-104007-01					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2414027
Benzene	ND	0.0250		1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24	
Toluene	ND	0.0250		1	04/02/24	04/06/24	
o-Xylene	ND	0.0250		1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		103 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		103 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/05/24	
Surrogate: n-Nonane		117 %	50-200		04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2414044
Chloride	ND	20.0		1	04/03/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S16-2' E404009-02

		2.0.307 02				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS	,	Batch: 2414027
Benzene	ND	0.0250	1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/06/24	
Toluene	ND	0.0250	1	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS	Batch: 2414027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		119 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S16-3' E404009-03

		Reporting	_			
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2414027
Benzene	ND	0.0250	1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/06/24	
Toluene	ND	0.0250	1	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		105 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		analyst: RKS	Batch: 2414027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		108 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		105 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/05/24	
Surrogate: n-Nonane		118 %	50-200	04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S16-4'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RI	ζS		Batch: 2414027
Benzene	ND	0.0250	1		04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1		04/02/24	04/06/24	
Toluene	ND	0.0250	1		04/02/24	04/06/24	
o-Xylene	ND	0.0250	1		04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1		04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		102 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		103 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RI	ΚS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		102 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		103 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: Kl	М		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0	1		04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1		04/04/24	04/05/24	
Surrogate: n-Nonane		119 %	50-200		04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: W	F		Batch: 2414044
THIONS BY EITHCOOLOGOGE							



Diesel Range Organics (C10-C28)

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 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S17-1' E404009-05

Reporting Analyte Limit Dilution Result Prepared Analyzed Notes Analyst: RKS Batch: 2414027 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 04/06/24 ND 0.0250 04/02/24 Benzene 1 04/02/24 04/06/24 Ethylbenzene ND 0.0250ND 0.0250 04/02/24 04/06/24 Toluene 1 04/02/24 04/06/24 o-Xylene ND 0.025004/02/24 04/06/24 ND 0.0500 p,m-Xylene 04/02/24 04/06/24 1 Total Xylenes ND 0.0250 04/02/24 04/06/24 Surrogate: Bromofluorobenzene 108 % 70-130 04/06/24 Surrogate: 1,2-Dichloroethane-d4 98.7 % 70-130 04/02/24 Surrogate: Toluene-d8 103 % 70-130 04/02/24 04/06/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RKS Batch: 2414027 ND 1 04/02/24 04/06/24 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 108 % 04/02/24 04/06/24 70-130 98.7 % 04/02/24 04/06/24 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 04/02/24 04/06/24 103 % 70-130 mg/kg Analyst: KM Batch: 2414053 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO

25.0

50.0

mg/kg

20.0

116%

ND

ND

mg/kg

ND

04/04/24

04/04/24

04/04/24

04/03/24

1

1

Analyst: WF

50-200

04/05/24

04/05/24

04/05/24

04/04/24

Batch: 2414044



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S17-2'

E404009-06 Reporting								
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414027	
Benzene	ND	0.0250		1	04/02/24	04/06/24		
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24		
Toluene	ND	0.0250		1	04/02/24	04/06/24		
o-Xylene	ND	0.0250		1	04/02/24	04/06/24		
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24		
Total Xylenes	ND	0.0250		1	04/02/24	04/06/24		
Surrogate: Bromofluorobenzene		104 %	70-130		04/02/24	04/06/24		
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/02/24	04/06/24		
Surrogate: Toluene-d8		105 %	70-130		04/02/24	04/06/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414027	
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24		
Surrogate: Bromofluorobenzene		104 %	70-130		04/02/24	04/06/24		
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/02/24	04/06/24		
Surrogate: Toluene-d8		105 %	70-130		04/02/24	04/06/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2414053	
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/05/24		
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/05/24		
Surrogate: n-Nonane		116 %	50-200		04/04/24	04/05/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2414044	

20.0

04/03/24

04/04/24

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S17-3'

		E404009-07						
Reporting								
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2414027	
Benzene	ND	0.0250	1	1	04/02/24	04/06/24		
Ethylbenzene	ND	0.0250	1	l	04/02/24	04/06/24		
Toluene	ND	0.0250	1	l	04/02/24	04/06/24		
o-Xylene	ND	0.0250	1	l	04/02/24	04/06/24		
p,m-Xylene	ND	0.0500	1	l	04/02/24	04/06/24		
Total Xylenes	ND	0.0250	1	l	04/02/24	04/06/24		
Surrogate: Bromofluorobenzene		101 %	70-130		04/02/24	04/06/24		
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		04/02/24	04/06/24		
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2414027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	04/02/24	04/06/24		
Surrogate: Bromofluorobenzene		101 %	70-130		04/02/24	04/06/24		
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		04/02/24	04/06/24		
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	KM		Batch: 2414053	
Diesel Range Organics (C10-C28)	ND	25.0	1		04/04/24	04/05/24		
Oil Range Organics (C28-C36)	ND	50.0	1	l	04/04/24	04/05/24		
Surrogate: n-Nonane		118 %	50-200		04/04/24	04/05/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: '	WF		Batch: 2414044	

20.0

04/03/24

04/04/24

ND



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S17-4'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RK	S		Batch: 2414027
Benzene	ND	0.0250	1		04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1		04/02/24	04/06/24	
Toluene	ND	0.0250	1		04/02/24	04/06/24	
o-Xylene	ND	0.0250	1		04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1		04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RK	S		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM	1		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0	1		04/04/24	04/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1		04/04/24	04/05/24	
Surrogate: n-Nonane		117 %	50-200		04/04/24	04/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF	;		Batch: 2414044
THIONS BY EITHCOOLOGOOD							



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S18-1'

		E404009-09				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prep	ared Analyz	red Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2414027
Benzene	ND	0.0250	1	04/0	2/24 04/06/2	24
Ethylbenzene	ND	0.0250	1	04/0	2/24 04/06/2	24
Toluene	ND	0.0250	1	04/0	2/24 04/06/2	24
o-Xylene	ND	0.0250	1	04/0	2/24 04/06/2	24
p,m-Xylene	ND	0.0500	1	04/0	2/24 04/06/2	24
Total Xylenes	ND	0.0250	1	04/0	2/24 04/06/2	24
Surrogate: Bromofluorobenzene		106 %	70-130	04/0	2/24 04/06/2	24
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/0	2/24 04/06/2	24
Surrogate: Toluene-d8		103 %	70-130	04/0	2/24 04/06/2	24
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/0	2/24 04/06/2	24
Surrogate: Bromofluorobenzene		106 %	70-130	04/0	2/24 04/06/2	24
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/0	2/24 04/06/2	24
Surrogate: Toluene-d8		103 %	70-130	04/0	2/24 04/06/2	24
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0	1	04/0	4/24 04/06/2	24
Oil Range Organics (C28-C36)	ND	50.0	1	04/0	4/24 04/06/2	24
Surrogate: n-Nonane		115 %	50-200	04/0	4/24 04/06/2	24
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/0	3/24 04/04/2	24



Pima Environmental Services-CarlsbadProject Name:Cotton Draw 25 CTBPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez4/9/2024 9:07:10AM

S18-2'

		E404009-10				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2414027
Benzene	ND	0.0250	1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/06/24	
Toluene	ND	0.0250	1	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		103 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/06/24	
Surrogate: n-Nonane		113 %	50-200	04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S18-3' E404009-11

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2414027
Benzene	ND	0.0250	1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/06/24	
Toluene	ND	0.0250	1	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		103 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		106 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		103 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/06/24	
Surrogate: n-Nonane		116 %	50-200	04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2414044
· · · · · · · · · · · · · · · · · · ·				04/03/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S18-4'

E404009-12)
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		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2414027
Benzene	ND	0.0250	1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/06/24	
Toluene	ND	0.0250	1	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		102 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		102 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/06/24	
Surrogate: n-Nonane		112 %	50-200	04/04/24	04/06/24	
	mg/kg	mg/kg	A	Analyst: WF		Batch: 2414044
Anions by EPA 300.0/9056A	mg/Kg	mg ng		,		Battern 2 11 10 11



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S19-1'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RI	ζS		Batch: 2414027
Benzene	ND	0.0250	1		04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1		04/02/24	04/06/24	
Toluene	ND	0.0250	1		04/02/24	04/06/24	
o-Xylene	ND	0.0250	1		04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1		04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		107 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RI	ΚS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		107 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: Kl	M		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0	1		04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1		04/04/24	04/06/24	
Surrogate: n-Nonane		114 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: W	F		Batch: 2414044
Allons by ETA 500.0/3030A							



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S19-2'

		E404009-14					
Reporting							
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2414027
Benzene	ND	0.0250		1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24	
Toluene	ND	0.0250		1	04/02/24	04/06/24	
o-Xylene	ND	0.0250		1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		107 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		105 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		107 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		105 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		115 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2414044
Chloride	ND	20.0		1	04/03/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S19-3'

le Organic Compounds by EPA 8260B ne enzene e	Result mg/kg ND	Reporting Limit mg/kg	Dilution	Prepared	Analyzed	Notes
le Organic Compounds by EPA 8260B	mg/kg			1	Analyzed	Notes
ne enzene		mg/kg	Analy	DIVO		
enzene	ND			st: RKS		Batch: 2414027
		0.0250	1	04/02/24	04/06/24	
e	ND	0.0250	1	04/02/24	04/06/24	
	ND	0.0250	1	04/02/24	04/06/24	
ne	ND	0.0250	1	04/02/24	04/06/24	
ylene	ND	0.0500	1	04/02/24	04/06/24	
Kylenes	ND	0.0250	1	04/02/24	04/06/24	
ate: Bromofluorobenzene		102 %	70-130	04/02/24	04/06/24	
tte: 1,2-Dichloroethane-d4		104 %	70-130	04/02/24	04/06/24	
tte: Toluene-d8		103 %	70-130	04/02/24	04/06/24	
alogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2414027
ne Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/06/24	
ate: Bromofluorobenzene		102 %	70-130	04/02/24	04/06/24	
tte: 1,2-Dichloroethane-d4		104 %	70-130	04/02/24	04/06/24	
tte: Toluene-d8		103 %	70-130	04/02/24	04/06/24	
alogenated Organics by EPA 8015D - DRO/ORO	o mg/kg	mg/kg	Analy	yst: KM		Batch: 2414053
Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/06/24	
nge Organics (C28-C36)	ND	50.0	1	04/04/24	04/06/24	
tte: n-Nonane		114 %	50-200	04/04/24	04/06/24	
	mg/kg	mg/kg	Analy	vst: WF		Batch: 2414044
s by EPA 300.0/9056A	·					
Range Organics (C10-C28) nge Organics (C28-C36)	ND ND	25.0 50.0	1 1 50-200	04/04/24 04/04/24 04/04/24	04/06/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S19-4'

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		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414027
Benzene	ND	0.0250		1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24	
Toluene	ND	0.0250		1	04/02/24	04/06/24	
o-Xylene	ND	0.0250		1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	Ī	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		117 %	50-200		04/04/24	04/06/24	
	/1	mg/kg		Analyst:	WF		Batch: 2414044
Anions by EPA 300.0/9056A	mg/kg	mg/kg		r tilai y st.	1112		Batch. 2414044



Surrogate: Toluene-d8

Surrogate: n-Nonane

Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S20-1' E404009-17

Reporting Analyte Limit Dilution Analyzed Notes Result Prepared Analyst: RKS Batch: 2414027 mg/kg mg/kg **Volatile Organic Compounds by EPA 8260B** 04/02/24 04/06/24 ND 0.0250 Benzene 1 04/02/24 04/06/24 Ethylbenzene ND 0.0250ND 0.0250 04/02/24 04/06/24 Toluene 04/06/24 1 04/02/24 o-Xylene ND 0.025004/02/24 04/06/24 ND 0.0500 p,m-Xylene 04/02/24 04/06/24 1 Total Xylenes ND 0.0250 04/02/24 04/06/24 Surrogate: Bromofluorobenzene 103 % 70-130 04/06/24 Surrogate: 1,2-Dichloroethane-d4 99.4 % 70-130 04/02/24 70-130 Surrogate: Toluene-d8 103 % 04/02/24 04/06/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RKS Batch: 2414027 ND 1 04/02/24 04/06/24 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 103 % 04/02/24 04/06/24 70-130 99.4 % 04/02/24 04/06/24 Surrogate: 1,2-Dichloroethane-d4 70-130 04/02/24 04/06/24

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	

118 %

103 %

mg/kg

25.0

50.0

mg/kg

ND

ND

70-130

50-200

Analyst: KM

1

1

04/04/24

04/04/24

04/04/24

04/06/24

04/06/24

04/06/24

Batch: 2414053

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S20-2'

E404009-18	
Reporting	

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414027
Benzene	ND	0.0250		1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24	
Toluene	ND	0.0250		1	04/02/24	04/06/24	
o-Xylene	ND	0.0250		1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		117 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2414044

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S20-3' E404009-19

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414027
Benzene	ND	0.0250		1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24	
Toluene	ND	0.0250		1	04/02/24	04/06/24	
o-Xylene	ND	0.0250		1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	į	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		119 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2414044
		20.0			04/03/24	04/04/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

S20-4'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: Rk	KS .		Batch: 2414027
Benzene	ND	0.0250	1		04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1		04/02/24	04/06/24	
Toluene	ND	0.0250	1		04/02/24	04/06/24	
o-Xylene	ND	0.0250	1		04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1		04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: Rk	KS .		Batch: 2414027
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KN	М		Batch: 2414053
Diesel Range Organics (C10-C28)	ND	25.0	1		04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1		04/04/24	04/06/24	
Surrogate: n-Nonane		115 %	50-200		04/04/24	04/06/24	
A: b EDA 200 0/005/ A	mg/kg	mg/kg	A	Analyst: W	F		Batch: 2414044
Anions by EPA 300.0/9056A	2 2	<u> </u>					



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW1 E404009-21

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2414028
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: Bromofluorobenzene		85.3 %	70-130	04/02/24	04/05/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/02/24	04/05/24	
Surrogate: Toluene-d8		96.7 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: Bromofluorobenzene		85.3 %	70-130	04/02/24	04/05/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04/02/24	04/05/24	
Surrogate: Toluene-d8		96.7 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/06/24	
Surrogate: n-Nonane		116 %	50-200	04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2414045



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW2 E404009-22

		2:0:00> 22				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2414028
Benzene	ND	0.0250	1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/05/24	
Toluene	ND	0.0250	1	04/02/24	04/05/24	
o-Xylene	ND	0.0250	1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/05/24	
Surrogate: Bromofluorobenzene		89.6 %	70-130	04/02/24	04/05/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	04/02/24	04/05/24	
Surrogate: Toluene-d8		92.5 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
Surrogate: Bromofluorobenzene		89.6 %	70-130	04/02/24	04/05/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	04/02/24	04/05/24	
Surrogate: Toluene-d8		92.5 %	70-130	04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/06/24	
Surrogate: n-Nonane		122 %	50-200	04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW3

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414028
Benzene	ND	0.0250		1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/05/24	
Toluene	ND	0.0250		1	04/02/24	04/05/24	
o-Xylene	ND	0.0250		1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250		1	04/02/24	04/05/24	
Surrogate: Bromofluorobenzene		83.7 %	70-130		04/02/24	04/05/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		04/02/24	04/05/24	
Surrogate: Toluene-d8		97.4 %	70-130		04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/05/24	
Surrogate: Bromofluorobenzene		83.7 %	70-130		04/02/24	04/05/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		04/02/24	04/05/24	
Surrogate: Toluene-d8		97.4 %	70-130		04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		118 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2414045
Chloride	ND	20.0		1	04/03/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW4

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2414028
Benzene	ND	0.0250	1		04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1		04/02/24	04/06/24	
Toluene	ND	0.0250	1		04/02/24	04/06/24	
o-Xylene	ND	0.0250	1		04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	Į.	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		87.3 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		100 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		87.3 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		100 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1		04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	ļ.	04/04/24	04/06/24	
Surrogate: n-Nonane		123 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: .	JM		Batch: 2414045
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 25 CTB	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW5

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Benzene	ND	0.0250	1	1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	1	04/02/24	04/06/24	
Toluene	ND	0.0250	1	1	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		88.0 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		95.5 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		88.0 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		95.5 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/04/24	04/06/24	
Surrogate: n-Nonane		120 %	50-200		04/04/24	04/06/24	
	mg/kg	mg/kg		Analyst:	JM		Batch: 2414045
Anions by EPA 300.0/9056A		0 0					



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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SW6

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		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414028
Benzene	ND	0.0250		1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24	
Toluene	ND	0.0250		1	04/02/24	04/06/24	
o-Xylene	ND	0.0250		1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		87.6 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		94.0 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		87.6 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		94.0 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		120 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2414045
Chloride	ND	20.0		1	04/03/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW7

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2414028
Benzene	ND	0.0250	1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	04/02/24	04/06/24	
Toluene	ND	0.0250	1	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		86.6 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		95.8 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		86.6 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		95.8 %	70-130	04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/04/24	04/06/24	
Surrogate: n-Nonane		114 %	50-200	04/04/24	04/06/24	
	mg/kg	mg/kg	A	Analyst: JM		Batch: 2414045
Anions by EPA 300.0/9056A	mg ng	88		,		



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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW8

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2414028
Benzene	ND	0.0250	1	l	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	l	04/02/24	04/06/24	
Toluene	ND	0.0250	1	l	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	l	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	l	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	<u> </u>	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		86.7 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		98.1 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		86.7 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		98.1 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	[04/04/24	04/06/24	
Surrogate: n-Nonane		121 %	50-200		04/04/24	04/06/24	
A: L EDA 200 0/005/ A	mg/kg	mg/kg		Analyst: .	JM		Batch: 2414045
Anions by EPA 300.0/9056A							



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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW9

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Benzene	ND	0.0250	1	1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	1	04/02/24	04/06/24	
Toluene	ND	0.0250	1	1	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		88.6 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		97.9 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		88.6 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		97.9 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/04/24	04/06/24	
Surrogate: n-Nonane		115 %	50-200		04/04/24	04/06/24	
	mg/kg	mg/kg		Analyst:	JM		Batch: 2414045
Anions by EPA 300.0/9056A		gg					



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW10

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414028
Benzene	ND	0.0250		1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24	
Toluene	ND	0.0250		1	04/02/24	04/06/24	
o-Xylene	ND	0.0250		1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		86.8 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		97.7 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		86.8 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		97.7 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		119 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2414045
Chloride	57.1	20.0		1	04/03/24	04/03/24	_



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW11

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414028
Benzene	ND	0.0250		1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24	
Toluene	ND	0.0250		1	04/02/24	04/06/24	
o-Xylene	ND	0.0250		1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		86.6 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		93.8 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		86.6 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		93.8 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		116 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2414045
Chloride	ND	20.0		1	04/03/24	04/03/24	_



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
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Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW12

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Benzene	ND	0.0250		1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24	
Toluene	ND	0.0250		1	04/02/24	04/06/24	
o-Xylene	ND	0.0250		1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		87.7 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		96.8 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		87.7 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		96.8 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		115 %	50-200		04/04/24	04/06/24	
A	mg/kg	mg/kg		Analyst:	JM		Batch: 2414045
Anions by EPA 300.0/9056A	8 8	2 2					



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW13

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Benzene	ND	0.0250		1	04/02/24	04/05/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/05/24	
Toluene	ND	0.0250		1	04/02/24	04/05/24	
o-Xylene	ND	0.0250		1	04/02/24	04/05/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/05/24	
Total Xylenes	ND	0.0250		1	04/02/24	04/05/24	
Surrogate: Bromofluorobenzene		88.9 %	70-130		04/02/24	04/05/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/02/24	04/05/24	
Surrogate: Toluene-d8		95.2 %	70-130		04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/05/24	
Surrogate: Bromofluorobenzene		88.9 %	70-130		04/02/24	04/05/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/02/24	04/05/24	
Surrogate: Toluene-d8		95.2 %	70-130		04/02/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		115 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	JM		Batch: 2414045
Chloride	36.7	20.0		1	04/03/24	04/03/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW14

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Benzene	ND	0.0250	1	1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	1	04/02/24	04/06/24	
Toluene	ND	0.0250	1	1	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		87.0 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		98.4 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		87.0 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		98.4 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/04/24	04/06/24	
Surrogate: n-Nonane		120 %	50-200		04/04/24	04/06/24	
	mg/kg	mg/kg		Analyst:	JM		Batch: 2414045
Anions by EPA 300.0/9056A	8 8	2 2					



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW15

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2414028
Benzene	ND	0.0250	1	l	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	l	04/02/24	04/06/24	
Toluene	ND	0.0250	1	l	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	l	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	l	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		87.2 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		98.5 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	<u> </u>	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		87.2 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		98.5 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	[04/04/24	04/06/24	
Surrogate: n-Nonane		117 %	50-200		04/04/24	04/06/24	
A	mg/kg	mg/kg		Analyst: .	JM		Batch: 2414045
Anions by EPA 300.0/9056A	8 8	2 2					



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW16

		E404009-36					
		Reporting					
Analyte	Result	Limit	Dilu	tion Pro	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2414028
Benzene	ND	0.0250	1	04	/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	04.	/02/24	04/06/24	
Toluene	ND	0.0250	1	04.	/02/24	04/06/24	
o-Xylene	ND	0.0250	1	04.	/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	04.	/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	04.	/02/24	04/06/24	
Surrogate: Bromofluorobenzene		86.8 %	70-130	04.	/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04.	/02/24	04/06/24	
Surrogate: Toluene-d8		94.0 %	70-130	04.	/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	04.	/02/24	04/06/24	
Surrogate: Bromofluorobenzene		86.8 %	70-130	04.	/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	04.	/02/24	04/06/24	
Surrogate: Toluene-d8		94.0 %	70-130	04.	/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM			Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1	04.	/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04.	/04/24	04/06/24	
Surrogate: n-Nonane		119 %	50-200	04.	/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM			Batch: 2414045

20.0

24.8

04/03/24

04/03/24



Chloride

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW17

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Benzene	ND	0.0250	1	1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1	1	04/02/24	04/06/24	
Toluene	ND	0.0250	1	1	04/02/24	04/06/24	
o-Xylene	ND	0.0250	1	1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1	1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene	·	84.5 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		94.0 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		84.5 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		94.0 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/04/24	04/06/24	
Surrogate: n-Nonane		119 %	50-200		04/04/24	04/06/24	
1 - I - EDA 200 0/005/1	mg/kg	mg/kg		Analyst:	JM		Batch: 2414045
Anions by EPA 300.0/9056A	8 8	υ υ					



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW18

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R	RKS		Batch: 2414028
Benzene	ND	0.0250	1		04/02/24	04/06/24	
Ethylbenzene	ND	0.0250	1		04/02/24	04/06/24	
Toluene	ND	0.0250	1		04/02/24	04/06/24	
o-Xylene	ND	0.0250	1		04/02/24	04/06/24	
p,m-Xylene	ND	0.0500	1		04/02/24	04/06/24	
Total Xylenes	ND	0.0250	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		85.4 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		96.6 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: R	RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		85.4 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		96.6 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0	1		04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1		04/04/24	04/06/24	
Surrogate: n-Nonane		121 %	50-200		04/04/24	04/06/24	
1 I TID 1 200 0/00 T ()	mg/kg	mg/kg	1	Analyst: J	M		Batch: 2414045
Anions by EPA 300.0/9056A	88	8 8					



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

SW19

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414028
Benzene	ND	0.0250		1	04/02/24	04/06/24	
Ethylbenzene	ND	0.0250		1	04/02/24	04/06/24	
Toluene	ND	0.0250		1	04/02/24	04/06/24	
o-Xylene	ND	0.0250		1	04/02/24	04/06/24	
p,m-Xylene	ND	0.0500		1	04/02/24	04/06/24	
Total Xylenes	ND	0.0250		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		85.7 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		95.4 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2414028
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/02/24	04/06/24	
Surrogate: Bromofluorobenzene		85.7 %	70-130		04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8		95.4 %	70-130		04/02/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2414054
Diesel Range Organics (C10-C28)	ND	25.0		1	04/04/24	04/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/04/24	04/06/24	
Surrogate: n-Nonane		122 %	50-200		04/04/24	04/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2414045
Chloride	ND	20.0		1	04/03/24	04/03/24	



Cotton Draw 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Gio Gomez 4/9/2024 9:07:10AM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % Notes Blank (2414027-BLK1) Prepared: 04/02/24 Analyzed: 04/06/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.533 0.500 107 70-130 Surrogate: 1,2-Dichloroethane-d4 0.501 0.500 100 70-130 0.500 104 70-130 Surrogate: Toluene-d8 0.518 LCS (2414027-BS1) Prepared: 04/02/24 Analyzed: 04/06/24 2.22 0.0250 2.50 89.0 70-130 Benzene 70-130 2.18 2.50 87.4 0.0250 Ethylbenzene 2.11 0.0250 2.50 84.5 70-130 2.12 2.50 84.7 70-130 0.0250 o-Xylene 84.7 4.24 5.00 70-130 p,m-Xylene 0.0500 6.35 0.0250 7.50 84.7 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.504 0.500 101 70-130 0.509 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 0.500 70-130 0.504 Matrix Spike (2414027 MS1) Prepared: 04/02/24 Analyzed: 04/06/24

Matrix Spike (2414027-MS1)				Source:	E404009-	13	Prepared: 04/02/24 Analyzed: 04/06/24
Benzene	2.51	0.0250	2.50	ND	100	48-131	
Ethylbenzene	2.48	0.0250	2.50	ND	99.3	45-135	
Toluene	2.41	0.0250	2.50	ND	96.5	48-130	
o-Xylene	2.46	0.0250	2.50	ND	98.4	43-135	
p,m-Xylene	4.90	0.0500	5.00	ND	98.0	43-135	
Total Xylenes	7.36	0.0250	7.50	ND	98.1	43-135	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130	
Surrogate: Toluene-d8	0.506		0.500		101	70-130	
Matrix Spike Dup (2414027-MSD1)				Source:	E404009-	13	Prepared: 04/02/24 Analyzed: 04/08/24

Matrix Spike Dup (2414027-MSD1)				Source:	: E404009-	13	Prepared: 04	1/02/24 Analyzed: 04/08/24	
Benzene	2.63	0.0250	2.50	ND	105	48-131	4.48	23	
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135	1.44	27	
Toluene	2.42	0.0250	2.50	ND	97.0	48-130	0.517	24	
o-Xylene	2.35	0.0250	2.50	ND	94.0	43-135	4.49	27	
p,m-Xylene	4.72	0.0500	5.00	ND	94.4	43-135	3.66	27	
Total Xylenes	7.07	0.0250	7.50	ND	94.3	43-135	3.94	27	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8

QC Summary Data

Cotton Draw 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Gio Gomez 4/9/2024 9:07:10AM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % Notes Blank (2414028-BLK1) Prepared: 04/02/24 Analyzed: 04/05/24 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 0.437 0.500 87.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.499 0.500 99.8 70-130 0.500 96.1 70-130 Surrogate: Toluene-d8 0.481 LCS (2414028-BS1) Prepared: 04/02/24 Analyzed: 04/05/24 2.39 0.0250 2.50 95.8 70-130 Benzene 70-130 2.26 2.50 90.3 0.0250 Ethylbenzene Toluene 2.41 0.0250 2.50 96.4 70-130 2.31 2.50 92.3 70-130 0.0250 o-Xylene p,m-Xylene 4.69 5.00 93.9 70-130 0.0500 7.00 0.0250 7.50 93.4 70-130 Total Xylenes

Matrix Spike (2414028-MS1)				Source:	E404009-	33	Prepared: 04/02/24 Analyzed: 04/05/24
Benzene	2.33	0.0250	2.50	ND	93.2	48-131	
Ethylbenzene	2.29	0.0250	2.50	ND	91.6	45-135	
Toluene	2.43	0.0250	2.50	ND	97.2	48-130	
o-Xylene	2.24	0.0250	2.50	ND	89.4	43-135	
p,m-Xylene	4.54	0.0500	5.00	ND	90.7	43-135	
Total Xylenes	6.77	0.0250	7.50	ND	90.3	43-135	
Surrogate: Bromofluorobenzene	0.440		0.500		88.0	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.528		0.500		106	70-130	
Surrogate: Toluene-d8	0.472		0.500		94.3	70-130	

0.500

0.500

0.500

90.8

108

70-130

70-130

70-130

0.454

0.539

0.477

Matrix Spike Dup (2414028-MSD1)					E404009-	33	Prepared: 04/02/24 Analyzed: 04/05/24		
Benzene	2.21	0.0250	2.50	ND	88.3	48-131	5.42	23	
Ethylbenzene	2.25	0.0250	2.50	ND	90.0	45-135	1.72	27	
Toluene	2.47	0.0250	2.50	ND	98.8	48-130	1.57	24	
o-Xylene	2.31	0.0250	2.50	ND	92.5	43-135	3.41	27	
p,m-Xylene	4.50	0.0500	5.00	ND	89.9	43-135	0.841	27	
Total Xylenes	6.81	0.0250	7.50	ND	90.8	43-135	0.582	27	
Surrogate: Bromofluorobenzene	0.444		0.500		88.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			



Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Cotton Draw 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported:

PO Box 247		Project Number:	01	058-0007					
Plains TX, 79355-0247		Project Manager	: Gi	o Gomez					4/9/2024 9:07:10A
	Non	halogenated (Organics l	by EPA 80	15D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414027-BLK1)							Prepared: 0	4/02/24 A	nalyzed: 04/06/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
LCS (2414027-BS2)							Prepared: 0	4/02/24 A	nalyzed: 04/06/24
Gasoline Range Organics (C6-C10)	41.3	20.0	50.0		82.7	70-130			
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			
Matrix Spike (2414027-MS2)				Source:	E404009-1	13	Prepared: 0	4/02/24 A	nalyzed: 04/06/24
Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	ND	97.4	70-130			
Surrogate: Bromofluorobenzene	0.536		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			
Matrix Spike Dup (2414027-MSD2)				Source:	E404009-1	13	Prepared: 0	4/02/24 A	nalyzed: 04/06/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130	11.5	20	
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			

0.500

0.500

0.505

0.513

101

103

70-130

70-130



Cotton Draw 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Gio Gomez 4/9/2024 9:07:10AM

	Non	halogenated	Organics l	by EPA 80	15D - G	RO		I	Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414028-BLK1)]	Prepared: 0	4/02/24 Anal	yzed: 04/05/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.437		0.500		87.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			

Surrogate: Toluene-d8	0.481		0.500	96.1	70-130
LCS (2414028-BS2)					Prepared: 04/02/24 Analyzed: 04/05/24
Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	105	70-130
Surrogate: Bromofluorobenzene	0.428		0.500	85.6	70-130
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500	104	70-130
Surrogate: Toluene-d8	0.497		0.500	99.3	70-130

Matrix Spike (2414028-MS2)				Source:	E404009-3	33	Prepared: 04/02/24 Analyzed: 04/05/24
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130	
Surrogate: Bromofluorobenzene	0.449		0.500		89.8	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130	
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130	

Matrix Spike Dup (2414028-MSD2)				Source:	E404009-3	33	Prepared: 04	/02/24 Analyzed: 04/05/24
Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	70-130	0.847	20
Surrogate: Bromofluorobenzene	0.441		0.500		88.2	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.536		0.500		107	70-130		
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130		

Pima Environmental Services-CarlsbadProject Name:Cotton Draw 25 CTBReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez4/9/2024 9:07:10AM

Plains 1A, 79333-0247		Project Manager	r: Gi	o Gomez					4/9/2024 9.07.10AN
	Nonha	logenated Or	ganics by l	EPA 8015I) - 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 (2414053-BLK1)							Prepared: 0	4/04/24 An	alyzed: 04/05/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	56.8		50.0		114	50-200			
LCS (2414053-BS1)							Prepared: 0	4/04/24 An	alyzed: 04/05/24
Diesel Range Organics (C10-C28)	318	25.0	250		127	38-132			
urrogate: n-Nonane	62.2		50.0		124	50-200			
Matrix Spike (2414053-MS1)				Source:	E404009-0	03	Prepared: 0	4/04/24 An	alyzed: 04/05/24
Diesel Range Organics (C10-C28)	309	25.0	250	ND	124	38-132			
urrogate: n-Nonane	61.1		50.0		122	50-200			
Matrix Spike Dup (2414053-MSD1)				Source:	E404009-0	03	Prepared: 0	4/04/24 An	alyzed: 04/05/24
Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	38-132	4.05	20	
'urrogate: n-Nonane	58.1		50.0		116	50-200			

Pima Environmental Services-CarlsbadProject Name:Cotton Draw 25 CTBReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez4/9/20249:07:10AM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				4	1/9/2024 9:07:10AN
	Nonha	logenated Or	ganics by l	EPA 8015I) - 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 (2414054-BLK1)							Prepared: 0	4/04/24 Ana	alyzed: 04/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	60.2		50.0		120	50-200			
LCS (2414054-BS1)							Prepared: 0	4/04/24 Ana	alyzed: 04/06/24
Diesel Range Organics (C10-C28)	329	25.0	250		131	38-132			
urrogate: n-Nonane	63.5		50.0		127	50-200			
Matrix Spike (2414054-MS1)				Source:	E404009-	24	Prepared: 0	4/04/24 Ana	alyzed: 04/06/24
Diesel Range Organics (C10-C28)	330	25.0	250	ND	132	38-132			
urrogate: n-Nonane	62.0		50.0		124	50-200			
Matrix Spike Dup (2414054-MSD1)				Source:	E404009-	24	Prepared: 0	4/04/24 Ana	alyzed: 04/06/24
Diesel Range Organics (C10-C28)	328	25.0	250	ND	131	38-132	0.578	20	
'urrogate: n-Nonane	61.8		50.0		124	50-200			



Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw 25 CTB 01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/9/2024 9:07:10AM

			I EDA 2	00.0/0056					
		Anions	by EPA 3	00.0/9056	A				Analyst: WF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
	mg/kg	g kg	mg/kg	mg kg	70	70	70	70	Notes
Blank (2414044-BLK1)							Prepared: 0	4/03/24 Ana	lyzed: 04/04/24
Chloride	ND	20.0							
LCS (2414044-BS1)							Prepared: 0	4/03/24 Ana	lyzed: 04/04/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414044-MS1)				Source:	E404009-	05	Prepared: 0	4/03/24 Ana	lyzed: 04/04/24
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2414044-MSD1)				Source:	E404009-	05	Prepared: 0	4/03/24 Ana	lyzed: 04/04/24
Chloride	255	20.0	250	ND	102	80-120	0.286	20	



Pima Environmental Services-Carlsbac PO Box 247	i	Project Name: Project Number:		Cotton Draw 25 1058-0007	5 CTB				Reported:
Plains TX, 79355-0247		Project Manager		io Gomez					4/9/2024 9:07:10AM
		Anions	by EPA	300.0/9056	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414045-BLK1)							Prepared: 0-	4/03/24 A	nalyzed: 04/03/24
Chloride	ND	20.0							
LCS (2414045-BS1)							Prepared: 0	4/03/24 A	analyzed: 04/03/24
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2414045-MS1)				Source:	E404009-	29	Prepared: 0	4/03/24 A	nalyzed: 04/03/24
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414045-MSD1)				Source:	E404009-	29	Prepared: 0	4/03/24 A	nalyzed: 04/03/24
Chloride	253	20.0	250	ND	101	80-120	0.408	20	

QC Summary Report Comment:

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/09/24 09:07

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.



Project Information

Chain of Custody

	9		12
Page		of	<u> </u>

Client: Pima Environmental Services Bill To											. I	b U	and a	1	a dina in	11 g			TAT		EPA P	rogram
Project:	<u>Cotton</u>	Draw?	<u> 25 CT B</u>			ntion: Devon	······································										D 2	D :	3D 9	Standard	CWA	SDWA
Project N	Aanager:	GIO GOI	nez		Addr	ess: State, Zip			L	04	<u></u>				<u> </u>					X		
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	806-782-				Ema				12	51								-		7.0	State	
	gio@plm	aoil.com	1		Dim	a Project # ZL	19 21		8	y 8015	12	Ω		0.0		1	١,		1	NM CO		TX
Report d					Pilli	a Project # Z	1/-2	F	Ş	380	y 80	828	109	њ 30				¥	ľ	X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BSDC	S S S S S S S			Remarks	
5:20	3/29	5	1	516-1				1								\						-
5:24				516-2				2														
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5:36				516-4			4									Ц						
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1				ticity of this sample. may be grounds for	legal action.	at tampering with or in Sampled b	by:			on,			Sample packed	is requi In Ice :	ring therm at an avg te	np ab	rvation we 0 b	must ut less 1	be receive than 6 °C	ed on ice the day t on subsequent da	hey are sample ys.	d or received
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Sample Ma	trix: S - Soil, S	d - Solid, Sg -	Sludge, A -	Aqueous, O · Other	d unless other	r arrangements are n	made Hazardous	Container	ho ret	: 8 - 6	to eli	p - pe	oly/pl	astic,	ag - am	ber g	lass,	v - V	OA	- 6 - 1		
samples is	ipies are uisi applicable (only to thos	se samples	received by the la	boratory witl	n this COC. The liabilit	ty of the laboratory	is limited to	the a	moun	t paid	for o	uispo n the r	eport	i al line C	uent (:xpen	se. I	ine repo	urt for the ana	ysis of the	ebove



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Project Information

Chain of Custody

Page <u>10</u> of <u>12</u>

Client: P	ima Env	ronment	al Servi	ces		Attention: De VOA		1. T. L. 1. T. 1. T. 1.	2.84	. L				7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			TA	\T	EPA P	rogram
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	e. Zip H					Phone:		_					7313 a1	id Metric	<u> </u>	т—	T T			RCRA
	306-782					Email:		801.5	ឡ						1	l		20633.3490	State	L
	gio@pim	aoil.com	<u> </u>			Pima Project # 749-2		2 8	Py 80	12	g	۱.	0.0	. [5	l		NM CO		TXT
Report d			<u> </u>		<u> </u>	1 ma 1 10,600 # 7 99 - Z	Francisco Co	Į	8	y 80	88	8	8 S		₹	¥	1	2		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO	GRO/DRO	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		ВСБОС	BGDOC			Remarks	
6:10	3/29	S	1	518-3) `		11								Y					
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8:03 Addition	al Instru	tions:	<u> </u>	1200-4		D.11:04 2, 21				· ·										
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date or time	of collection	is considere		may be grounds for			ling the sample	locatio	in,			Sample packed	s requiri in ice at	ng thermal p an avg temp	reservat above 0	lon mus but les	st be rece is than 6 '	elved on ice the day the Con subsequent day	ey are sample s.	d or received
Relinquished by: (Signature) Opte 1.1.24 1330 Received by: (Signature) Date To the state of										37	$\sqrt{}$	Rece	ived	on ice:		b Us V N	e Onl	У	•	
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Sample Mar	rix: S - Sail S	الكي لأستان		Aqueous, O · Other	<u>, (),</u>	No Company	Container	Type	<u> </u>	<u>)</u>			Tem		\					
Note: Sam	ples are dis	arded 30 d	lays after re	sults are reported	d unle	ss other arrangements are made. Hazardous	Container samples will I	e reti	urned	to cije	nt or	dispos	ed of	g - ambe	r glas	S, V - 1	VOA	nort for the re-	-160	
samples is	applicable	only to thos	e samples i	received by the la	borate	ory with this COC. The liability of the laborator	v is limited to	the ar	mount	naid i	for on	the r	onort	uie uiel	ir exhe	:: 1 3C.	me re	port for the analy	sis of the a	pove



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of 393

Project In	formatie	on .					Chain c	of Custody	,												1	Page]	/_of_12
Client: P	ma En	ironmer Dysk	tal Serv	ices		Bill T	· O		4					No.					TA	T	— Т	EPA P	rogram
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		obbs. N	M. 8824	0	<u>Phor</u>																		
Phone: (306-782 3io@nir	-1151 naoil.cor	n		<u>Ema</u>										al col	State	I TV I						
Report d		10011.001			Pim	a Project # 24	9-2		9	0 5	8021	8260	8	300.			ΣŽ	¥		V		UT AZ	 '^ -
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			ВСБОС	30098				Remarks	
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• • •	•-		•	nticity of this sampl I may be grounds fo	e. I am aware th	at tampering with or intenti Sampled by:	ionally mislabellia	ng the sample	locati	on,			Sample packed	s requir In ice at	ing ther t an avg	mai pre temp a	servati bove 0	ion mus but les	st be rece s than 6	elved on los C on subse	the day the	ey are samp! L	ed or received
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Retifiquish	ew !	H BS		1-1-24/2	[630]	Received by: (Signature)	A	Date 4.2.	24	Time O	J.·C	a	AVG	Tem	p °C_	Ĺ	+		-				
Sample Mat	rix: S - Soil,	d - Solid, Sg	- Sludge, A ·	Aqueous, O - Othe		-		Container	т Тур	:: g - (glass,	p - po	ly/pl	astic,	ag - a	mber	glas	s, v - ¹	VOA				
Note: Sam samples is	pies are di applicable	carded 30 only to the	gays after i se samples	resutts are report received by the	eo uniess other aboratory with	arrangements are made this COC. The liability of	e. Hazardous s the laboratory	amples will is limited to	be ref the a	turned Imoun	I to clic It paid	ent or for on	dispo:	sed of	at the	client	expe	ense.	The re	port for	the analy	sis of the	above



Project Inform	ation							Cha	in of Custo	ody														Page <u></u>	2 of _/	Received b
Client: Pima Project: CO-H Project Manag Address: 561	zer: (4 N. I	Gio Gor Lovingt	nez on Hwy.		Add City	ntion:] ress: State, Z	ryc	Bill To			ЬW)# #	Là SOC	ነ		Num S-S	ber - <u>cco</u>] }	D	2D	TA 3D	T Stan	dard	EPA F	SDWA RCRA	l by OCD: 9/4/2024 2:33:24 PM
City, State, Zip Phone: 806-7 Email: gio@ Report due by	782-1 pima	151			Pho Ema	ail;	ect#Z	49-2	lab	080/080 by 8015	CTOS AN ONO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	de 300.0			C NM	¥			M CO	State UT AZ		/2024 2:33:2
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7:48				SW13					33	,														· · · · · · · · · · · · · · · · · · ·		
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(field sampler), atteate or time of colle	test to t	he validity considered	and authenti d fraud and m	city of this sample. I am a	wareJth	at tamperin	g with or in	itentionally mislab	elling the sam	ole loca	tion,				Sample packed	s requir	ing therma t an avg ter	l prese	rvatio	n must ut less	be recel	ved on lo	the day the	ey are sampl	ed or received	•
elinquished by: (Signature) Can Me Hane elinquished by: (Signature) Date 1 124 Time Received by: (Signature) Date Can Me Hane Property of the Canal								Date U./.	.24	Tir	13 me	30 15	>		•	on ice:	-		Use	Only	•					
eiinguistied by: (Ancrew Imple Matrix: S - S	Ŷ	lego	Date U	124 Tirke	0	Received b			Date 4.7	2.21	TIE C	те 1 : ($\mathcal{O}\mathcal{C}$		AVG			4				<u> 13</u>				
ote: Samples are	discar	ded 30 da	ys after res	sults are reported unles	s other	arrangem	ients are n	nade. Hazardou	Contain s samples w	er Typ II be re	eturn	ed to	ss, p clier	- po	iy/pla dispos	ed of	ag - am at the cl	ent e	iass, xpen	v - V se. 1	OA he rep	ort for	the analy	sis of the	bove	Pa



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.

We receive	no response concerning these items within 24 hours of	ine date of this noti	cc, an the st	impies will be ana	nyzeu as requesteu.	
Client:	Pima Environmental Services-Carlsbad	Date Received:	04/02/24 0	9:00	Work Order ID:	E404009
Phone:	(575) 631-6977	Date Logged In:	04/01/24 1	6:34	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	04/08/24 1	7:00 (4 day TAT)		
1. Does th 2. Does th 3. Were sa	Custody (COC) e sample ID match the COC? e number of samples per sampling site location ma umples dropped off by client or carrier? e COC complete, i.e., signatures, dates/times, reques		Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>	
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes		<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Cotton Draw 25 CTB ha	as been separated
Sample C	<u>ooler</u>				into multiple workorder	s due to high
7. Was a s	ample cooler received?		Yes		sample volume. WO are	e as follows:
8. If yes, v	was cooler received in good condition?		Yes		E404007, E404008 and	
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		L-10-1007, L-10-1000 and	L+0+00).
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 ar minutes of sampling risible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C		<u>. </u>	<u>~</u>			
	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						
	— field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
	ate/Time Collected?		Yes	Į		
	ollectors name?		No			
	<u>reservation</u> he COC or field labels indicate the samples were p	recerved?	No			
	mple(s) correctly preserved?	reserved:	NA			
	filteration required and/or requested for dissolved n	netals?	No			
			110			
	<u>se Sample Matrix</u> he sample have more than one phase, i.e., multipha	ra?	Ma			
	does the COC specify which phase(s) is to be analy		No			
•		yzcu:	NA			
	act Laboratory		3.7			
	mples required to get sent to a subcontract laborato	•	No		27.6	
29. was a	subcontract laboratory specified by the client and is	i so wno?	NA	Subcontract Lab	: NA	
Client In	<u>struction</u>					
						0

Date



June 03, 2024

GIO GOMEZ
PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS, NM 88240

RE: COTTON DRAW UNIT 25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 05/31/24 13:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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/ga/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.

Wite Sough

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

PIMA ENVIROMENTAL GIO GOMEZ 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 05/31/2024 Reported: 06/03/2024

COTTON DRAW UNIT 25 CTB

Project Name: COTTON DR. Project Number: I - 249 - 2

Project Location: NONE GIVEN

Sampling Date: 05/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS 1 (H243050-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2024	ND	1.97	98.7	2.00	8.18	
Toluene*	<0.050	0.050	06/02/2024	ND	2.08	104	2.00	7.57	
Ethylbenzene*	<0.050	0.050	06/02/2024	ND	2.05	102	2.00	6.31	
Total Xylenes*	<0.150	0.150	06/02/2024	ND	6.35	106	6.00	6.13	
Total BTEX	<0.300	0.300	06/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/03/2024	ND	400	100	400	11.3	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	188	93.9	200	3.85	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	177	88.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.9	% 49.1-14	8						

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Analytical Results For:

PIMA ENVIROMENTAL **GIO GOMEZ** 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 05/31/2024 Reported: 06/03/2024

COTTON DRAW UNIT 25 CTB

Project Number: I - 249 - 2 Project Location: NONE GIVEN Sampling Date: 05/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CS 2 (H243050-02)

Project Name:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2024	ND	1.97	98.7	2.00	8.18	
Toluene*	<0.050	0.050	06/02/2024	ND	2.08	104	2.00	7.57	
Ethylbenzene*	<0.050	0.050	06/02/2024	ND	2.05	102	2.00	6.31	
Total Xylenes*	<0.150	0.150	06/02/2024	ND	6.35	106	6.00	6.13	
Total BTEX	<0.300	0.300	06/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/03/2024	ND	400	100	400	11.3	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	188	93.9	200	3.85	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	177	88.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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Analytical Results For:

PIMA ENVIROMENTAL **GIO GOMEZ** 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 05/31/2024 Reported: 06/03/2024

Project Name: **COTTON DRAW UNIT 25 CTB**

Project Number: I - 249 - 2

Project Location: NONE GIVEN Sampling Date: 05/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Sample ID: CS 3 (H243050-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2024	ND	1.97	98.7	2.00	8.18	
Toluene*	<0.050	0.050	06/02/2024	ND	2.08	104	2.00	7.57	
Ethylbenzene*	<0.050	0.050	06/02/2024	ND	2.05	102	2.00	6.31	
Total Xylenes*	<0.150	0.150	06/02/2024	ND	6.35	106	6.00	6.13	
Total BTEX	<0.300	0.300	06/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/03/2024	ND	400	100	400	11.3	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	188	93.9	200	3.85	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	177	88.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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Analytical Results For:

PIMA ENVIROMENTAL **GIO GOMEZ** 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 05/31/2024 Sampling Date: 05/23/2024

Reported: 06/03/2024 Sampling Type: Soil

Project Name: **COTTON DRAW UNIT 25 CTB** Sampling Condition: Cool & Intact Project Number: Sample Received By: I - 249 - 2 Alyssa Parras

Project Location: NONE GIVEN

Sample ID: CSW 1 (H243050-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2024	ND	1.97	98.7	2.00	8.18	
Toluene*	<0.050	0.050	06/02/2024	ND	2.08	104	2.00	7.57	
Ethylbenzene*	<0.050	0.050	06/02/2024	ND	2.05	102	2.00	6.31	
Total Xylenes*	<0.150	0.150	06/02/2024	ND	6.35	106	6.00	6.13	
Total BTEX	<0.300	0.300	06/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/03/2024	ND	400	100	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	188	93.9	200	3.85	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	177	88.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

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Analytical Results For:

PIMA ENVIROMENTAL GIO GOMEZ 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 05/31/2024 Reported: 06/03/2024

Project Name: COTTON DRAW UNIT 25 CTB

mg/kg

Project Number: I - 249 - 2 Project Location: NONE GIVEN Sampling Date: 05/23/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CSW 2 (H243050-05)

BTEX 8021B

DILX GOZID	ıııg,	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2024	ND	1.97	98.7	2.00	8.18	
Toluene*	<0.050	0.050	06/02/2024	ND	2.08	104	2.00	7.57	
Ethylbenzene*	<0.050	0.050	06/02/2024	ND	2.05	102	2.00	6.31	
Total Xylenes*	<0.150	0.150	06/02/2024	ND	6.35	106	6.00	6.13	
Total BTEX	<0.300	0.300	06/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/03/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	188	93.9	200	3.85	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	177	88.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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05/23/2024

Analytical Results For:

PIMA ENVIROMENTAL GIO GOMEZ 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To:

Received: 05/31/2024 Sampling Date:

mg/kg

Reported: 06/03/2024 Sampling Type: Soil

Project Name:COTTON DRAW UNIT 25 CTBSampling Condition:Cool & IntactProject Number:I - 249 - 2Sample Received By:Alyssa Parras

Project Location: NONE GIVEN

Sample ID: CSW 3 (H243050-06)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2024	ND	1.97	98.7	2.00	8.18	
Toluene*	<0.050	0.050	06/02/2024	ND	2.08	104	2.00	7.57	
Ethylbenzene*	<0.050	0.050	06/02/2024	ND	2.05	102	2.00	6.31	
Total Xylenes*	<0.150	0.150	06/02/2024	ND	6.35	106	6.00	6.13	
Total BTEX	<0.300	0.300	06/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/03/2024	ND	464	116	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	188	93.9	200	3.85	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	177	88.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

Analyzed By: JH

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.

Me Sough



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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Received by OCD: 9/4/2024 2:33:24 PM

Page 9 of



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

	(575) 393-2326 FAX (575) 393-24		_				T		BII	LL TO					ANAL	YSIS F	REQUES	ST		
	Pima Environmental Serv	/ICES	0				P). #:												
	: Gio Gomez						^					1			1 1				1 1	
Address: 561	4 N. Lovington Hwy						Company: Je Van								1 1				1 1	
city: Hobbs	State: NN	Zip	: 8	8240)		Att	n:				1			- 1 1					
hone #: 575-	964-7740 Fax #:						Ad	dress	5:			1			1 1					
Project #. 1 - 7	Project Own	er:					Cit	y:				1								
roject #. 4	otton Draw Unit 25	CT	B				Sta	ate:		Zip:		1							1 1	
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	Andrew Franco	_			MAT	RIX	li u	PRES	SERV.	SAMPL	NG	1						1 1	1 1	
FOR LAB USE ONLY		₫.	П											121	- 1 - 1					
Lab I.D.	Sample I.D.	(G)RAB OR (C)O	# CONTAINERS	GROUNDWATER	₹ soll	OIL	SLUDGE OTHER:	ACID/BASE:	OTHER:	DATE 5/23/24	TIME 9:00	H&L X	X 8 Tex	× Chloric						
2	CS2	i	+		(1	9:07	1	1	1						
23456	CS3	1)	+			т	T				9:13	11								
3	cswl	- 11	1								9:21							\perp		
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	and Damages, Cardinal's liability and client's exclusive remedy				-	lie ee	tenni eri	ori stori	No Smite	d to the amount of	aid by the client	for the								

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Relinquished By:	Date:	Received By:	aport any or the desire	Phone Result: □ Yes □ No Add'l Phone #: Fax Result: □ Yes □ No Add'l Fax #:
Carine Hame	Time: 30	apaus		REMARKS: RUSHII 24 hrs-
Relinquished By:	Date:	Received By:	1	10
	Time:			Toma Pimoroil.com
Delivered By: (Circle One)	-8.2	Sample Condition Cool Intact	CHECKED BY: (Initials)	1011
Sampler - UPS - Bus - Other:	W	Yes Yes	PA	

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 Unit 25 CTB

Work Order: E407181

Job Number: 21064-0001

Received: 7/24/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/30/24

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: 7/30/24

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Cotton Draw Unit 25 CTB

Workorder: E407181

Date Received: 7/24/2024 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2024 5:00:00AM, under the Project Name: Cotton Draw Unit 25 CTB.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 25 CTB 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 25 CTB	Donoutoda
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/30/24 15:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
A1-Surface	E407181-01A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A1-1'	E407181-02A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A1-2'	E407181-03A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A1-3'	E407181-04A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A1-4'	E407181-05A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A2-Surface	E407181-06A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A2-1'	E407181-07A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A2-2'	E407181-08A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A2-3'	E407181-09A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A2-4'	E407181-10A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A3-Surface	E407181-11A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A3-1'	E407181-12A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A3-2'	E407181-13A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A3-3'	E407181-14A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A3-4'	E407181-15A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A4-Surface	E407181-16A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A4-1'	E407181-17A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A4-2'	E407181-18A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A4-3'	E407181-19A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A4-4'	E407181-20A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A1-Surface E407181-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2430061	
Benzene	ND	0.0250		1	07/24/24	07/24/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/24/24	
Toluene	ND	0.0250		1	07/24/24	07/24/24	
o-Xylene	ND	0.0250		1	07/24/24	07/24/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/24/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Analyst: KM				Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/24/24	
Surrogate: n-Nonane		97.6 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A		mg/kg		Analyst	: WF		Batch: 2430074
Chloride	ND	20.0		1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A1-1' E407181-02

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
Benzene	ND	0.0250		1	07/24/24	07/24/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/24/24	
Toluene	ND	0.0250		1	07/24/24	07/24/24	
o-Xylene	ND	0.0250		1	07/24/24	07/24/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/24/24	
Total Xylenes	ND	0.0250	<u> </u>	1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/24/24	
Surrogate: n-Nonane		99.0 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2430074
· · · · · · · · · · · · · · · · · · ·	ND	20.0			07/24/24	07/25/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A1-2' E407181-03

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	IY		Batch: 2430061
Benzene	ND	0.0250	1		07/24/24	07/24/24	
Ethylbenzene	ND	0.0250	1		07/24/24	07/24/24	
Toluene	ND	0.0250	1		07/24/24	07/24/24	
o-Xylene	ND	0.0250	1		07/24/24	07/24/24	
p,m-Xylene	ND	0.0500	1		07/24/24	07/24/24	
Total Xylenes	ND	0.0250	1		07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst:	IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst:	KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1		07/24/24	07/24/24	
Surrogate: n-Nonane		94.8 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	WF		Batch: 2430074
Chloride	ND	20.0	1		07/24/24	07/25/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A1-3' E407181-04

	_	Reporting	_				
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: Г	Y		Batch: 2430061
Benzene	ND	0.0250	1		07/24/24	07/24/24	
Ethylbenzene	ND	0.0250	1	l	07/24/24	07/24/24	
Toluene	ND	0.0250	1	l	07/24/24	07/24/24	
o-Xylene	ND	0.0250	1		07/24/24	07/24/24	
p,m-Xylene	ND	0.0500	1		07/24/24	07/24/24	
Total Xylenes	ND	0.0250	1		07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		96.7 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		96.7 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1		07/24/24	07/24/24	
Surrogate: n-Nonane		93.5 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: V	WF		Batch: 2430074

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A1-4' E407181-05

	Reporting						
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2430107
Benzene	ND	0.0250	1		07/25/24	07/26/24	
Ethylbenzene	ND	0.0250	1		07/25/24	07/26/24	
Toluene	ND	0.0250	1		07/25/24	07/26/24	
o-Xylene	ND	0.0250	1		07/25/24	07/26/24	
p,m-Xylene	ND	0.0500	1		07/25/24	07/26/24	
Total Xylenes	ND	0.0250	1		07/25/24	07/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130		07/25/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		07/25/24	07/26/24	
Surrogate: Toluene-d8		99.0 %	70-130		07/25/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2430107
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	07/25/24	07/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130		07/25/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		07/25/24	07/26/24	
Surrogate: Toluene-d8		99.0 %	70-130		07/25/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	NV		Batch: 2430105
Diesel Range Organics (C10-C28)	369	50.0	2	2	07/25/24	07/27/24	
Oil Range Organics (C28-C36)	488	100	2	2	07/25/24	07/27/24	
Surrogate: n-Nonane		89.4 %	50-200		07/25/24	07/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	WF		Batch: 2430113
	ND	20.0			07/25/24	07/25/24	



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:23:01PM

A2-Surface E407181-06

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2430061
Benzene	ND	0.0250	1	07/24/24	07/24/24	
Ethylbenzene	ND	0.0250	1	07/24/24	07/24/24	
Toluene	ND	0.0250	1	07/24/24	07/24/24	
o-Xylene	ND	0.0250	1	07/24/24	07/24/24	
p,m-Xylene	ND	0.0500	1	07/24/24	07/24/24	
Total Xylenes	ND	0.0250	1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		96.2 %	70-130	07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/24/24	07/24/24	
Surrogate: Toluene-d8		105 %	70-130	07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		96.2 %	70-130	07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/24/24	07/24/24	
Surrogate: Toluene-d8		105 %	70-130	07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/24/24	07/24/24	
Surrogate: n-Nonane		94.1 %	50-200	07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	P	Analyst: WF		Batch: 2430074
Chloride	ND	20.0	1	07/24/24	07/25/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A2-1' E407181-07

D. I	Reporting	D.,	1	D 1		N.
Kesult	Limit	D11	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
ND	0.0250		1	07/24/24	07/24/24	
ND	0.0250		1	07/24/24	07/24/24	
ND	0.0250		1	07/24/24	07/24/24	
ND	0.0250		1	07/24/24	07/24/24	
ND	0.0500		1	07/24/24	07/24/24	
ND	0.0250		1	07/24/24	07/24/24	
	96.4 %	70-130		07/24/24	07/24/24	
	98.7 %	70-130		07/24/24	07/24/24	
	106 %	70-130		07/24/24	07/24/24	
mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
ND	20.0		1	07/24/24	07/24/24	
	96.4 %	70-130		07/24/24	07/24/24	
	98.7 %	70-130		07/24/24	07/24/24	
	106 %	70-130		07/24/24	07/24/24	
mg/kg	mg/kg		Analyst:	KM		Batch: 2430071
ND	25.0		1	07/24/24	07/24/24	
ND	50.0		1	07/24/24	07/24/24	
	96.0 %	50-200		07/24/24	07/24/24	
mg/kg	mg/kg		Analyst:	WF		Batch: 2430074
ND	20.0		1	07/24/24	07/25/24	·
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 98.7 % 106 % 106 % mg/kg mg/kg ND 20.0 96.4 % 98.7 % 106 % 106 % mg/kg mg/kg ND 25.0 ND 50.0 96.0 % mg/kg mg/kg mg/kg	Result Limit Di mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 96.4 % 70-130 98.7 % 70-130 106 % 70-130 98.7 % 70-130 98.7 % 70-130 106 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 96.0 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 96.4 % 70-130 98.7 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 96.4 % 70-130 1 98.7 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 96.0 % 50-200 mg/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 07/24/24 ND 0.0250 1 07/24/24 ND 0.0250 1 07/24/24 ND 0.0250 1 07/24/24 ND 0.0500 1 07/24/24 ND 0.0250 1 07/24/24 ND 0.0250 1 07/24/24 98.7 % 70-130 07/24/24 98.7 % 70-130 07/24/24 mg/kg mg/kg Analyst: IY ND 20.0 1 07/24/24 98.7 % 70-130 07/24/24 98.7 % 70-130 07/24/24 98.7 % 70-130 07/24/24 106 % 70-130 07/24/24 mg/kg mg/kg Analyst: KM ND 25.0 1 07/24/24 ND 50.0 1 07/24/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 07/24/24 07/24/24 ND 0.0500 1 07/24/24 07/24/24 ND 0.0250 1 07/24/24 07/24/24 ND 0.0250 1 07/24/24 07/24/24 ND 0.0250 1 07/24/24 07/24/24 98.7 % 70-130 07/24/24 07/24/24 98.7 % 70-130 07/24/24 07/24/24 mg/kg mg/kg Analyst: IV 07/24/24 07/24/24 106 % 70-130 07/24/24 07/24/24 106 % 70-130 07/24/24 07/24/24 106 % 70-130 07/24/24 07/24/24 </td



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A2-2' E407181-08

		2107101 00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2430061
Benzene	ND	0.0250		1	07/24/24	07/24/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/24/24	
Toluene	ND	0.0250		1	07/24/24	07/24/24	
o-Xylene	ND	0.0250		1	07/24/24	07/24/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/24/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		97.7 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		97.7 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/24/24	
Surrogate: n-Nonane		95.1 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2430074
Chloride	ND	20.0		1	07/24/24	07/25/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A2-3' E407181-09

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
Benzene	ND	0.0250		1	07/24/24	07/24/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/24/24	
Toluene	ND	0.0250		1	07/24/24	07/24/24	
o-Xylene	ND	0.0250		1	07/24/24	07/24/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/24/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		96.2 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		96.2 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/24/24	
Surrogate: n-Nonane		91.9 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2430074
Chloride	ND	20.0		1	07/24/24	07/25/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A2-4' E407181-10

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
Benzene	ND	0.0250		1	07/24/24	07/24/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/24/24	
Toluene	ND	0.0250		1	07/24/24	07/24/24	
o-Xylene	ND	0.0250		1	07/24/24	07/24/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/24/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/24/24	
Surrogate: n-Nonane	·	98.3 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2430074
Chloride	ND	20.0		1	07/24/24	07/25/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A3-Surface E407181-11

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: Г	Y		Batch: 2430061
Benzene	ND	0.0250	1		07/24/24	07/24/24	
Ethylbenzene	ND	0.0250	1		07/24/24	07/24/24	
Toluene	ND	0.0250	1		07/24/24	07/24/24	
o-Xylene	ND	0.0250	1		07/24/24	07/24/24	
p,m-Xylene	ND	0.0500	1		07/24/24	07/24/24	
Total Xylenes	ND	0.0250	1		07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		99.1 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: Γ	Y		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		99.1 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: K	KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1		07/24/24	07/24/24	
Surrogate: n-Nonane		93.4 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: V	VF		Batch: 2430074
Chloride	ND	20.0	1		07/24/24	07/25/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A3-1' E407181-12

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
Benzene	ND	0.0250	1	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		98.2 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		105 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		98.2 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		105 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2430071
Diesel Range Organics (C10-C28)	66.9	25.0	1	1	07/24/24	07/24/24	
Oil Range Organics (C28-C36)	77.3	50.0	1	1	07/24/24	07/24/24	
Surrogate: n-Nonane		91.8 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2430074
						07/25/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A3-2' E407181-13

		2107101 10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst		1 IIIII y Zea	Batch: 2430061
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	07/24/24	07/24/24	Batch: 2430001
Benzene	ND ND	0.0250		1	07/24/24	07/24/24	
Ethylbenzene	ND ND	0.0250		1	07/24/24	07/24/24	
Toluene	ND ND	0.0250		1	07/24/24	07/24/24	
o-Xylene	ND ND	0.0230		1	07/24/24	07/24/24	
p,m-Xylene	ND ND	0.0300		1	07/24/24	07/24/24	
Total Xylenes	ND			-			
Surrogate: Bromofluorobenzene		97.1 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/24/24	
Surrogate: n-Nonane		82.0 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2430074
Chloride	161	20.0		1	07/24/24	07/25/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A3-3' E407181-14

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2430061
Benzene	ND	0.0250		1	07/24/24	07/24/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/24/24	
Toluene	ND	0.0250		1	07/24/24	07/24/24	
o-Xylene	ND	0.0250		1	07/24/24	07/24/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/24/24	
Total Xylenes	ND	0.0250	·	1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		95.9 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		95.9 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/24/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/24/24	
Surrogate: n-Nonane		96.2 %	50-200		07/24/24	07/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2430074
Chloride	227	20.0		1	07/24/24	07/25/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A3-4' E407181-15

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst	•	7 Hary Zea	Batch: 2430061
Volatile Organic Compounds by EPA 8260B				1	07/24/24	07/24/24	Batch. 2430001
Benzene	ND	0.0250		1	07/24/24	07/24/24	
Ethylbenzene	ND	0.0250		1			
Toluene	ND	0.0250		1	07/24/24	07/24/24	
o-Xylene	ND	0.0250		1	07/24/24	07/24/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/24/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		95.8 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		105 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		95.8 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		105 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/25/24	
Surrogate: n-Nonane		92.0 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2430074
Chloride	242	20.0		1	07/24/24	07/25/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A4-Surface E407181-16

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: I	Y		Batch: 2430061
Benzene	ND	0.0250	1		07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1		07/24/24	07/25/24	
Toluene	ND	0.0250	1		07/24/24	07/25/24	
o-Xylene	ND	0.0250	1		07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1		07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1		07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: I	Y		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: I	ζM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1		07/24/24	07/25/24	
Surrogate: n-Nonane		94.2 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: V	WF		Batch: 2430074
	ND	20.0	1		07/24/24	07/25/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A4-1' E407181-17

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2430061
Benzene	ND	0.0250	1	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	[07/24/24	07/25/24	
Toluene	ND	0.0250	1	l	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	l	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	l	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	l 	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		97.5 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		106 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KN	М		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0	1	l	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	07/24/24	07/25/24	
Surrogate: n-Nonane		92.9 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: Wl	F		Batch: 2430074
						07/25/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A4-2' E407181-18

		2.0.101 10				
Agalya	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	inotes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2430061
Benzene	ND	0.0250	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene	·	98.2 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		106 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		98.2 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		106 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/24/24	07/25/24	
Surrogate: n-Nonane		86.8 %	50-200	07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2430074



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A4-3' E407181-19

		2107101 17					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		, #	Batch: 2430061
Benzene	ND	0.0250		1	07/24/24	07/25/24	3.00.001
Ethylbenzene	ND	0.0250		1	07/24/24	07/25/24	
Toluene	ND	0.0250		1	07/24/24	07/25/24	
o-Xylene	ND	0.0250		1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		98.3 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		105 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		98.3 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		105 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/25/24	
Surrogate: n-Nonane		94.9 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	WF		Batch: 2430074
Chloride	ND	20.0		1	07/24/24	07/25/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

A4-4' E407181-20

		Reporting					
Analyte	Result	Limit	Dilut	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2430061
Benzene	ND	0.0250	1	07/2	24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	07/2	24/24	07/25/24	
Toluene	ND	0.0250	1	07/2	24/24	07/25/24	
o-Xylene	ND	0.0250	1	07/2	24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	07/2	24/24	07/25/24	
Total Xylenes	ND	0.0250	1	07/2	24/24	07/25/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130	07/2	24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	07/2	24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/2	24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2430061
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/2	24/24	07/25/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130	07/2	24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	07/2	24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/2	24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2430071
Diesel Range Organics (C10-C28)	ND	25.0	1	07/2	24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/2	24/24	07/25/24	
Surrogate: n-Nonane		98.0 %	50-200	07/2	24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF			Batch: 2430074



Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 7/30/2024 3:23:01PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Prepared: 07/24/24 Analyzed: 07/25/24 Blank (2430061-BLK1) ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.494 0.500 98.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.507 0.500 101 70-130 0.500 105 70-130 Surrogate: Toluene-d8 0.526 LCS (2430061-BS1) Prepared: 07/24/24 Analyzed: 07/25/24 2.28 0.0250 2.50 91.1 70-130 Benzene 2.50 93.7 70-130 2.34 Ethylbenzene 0.0250 2.32 0.0250 2.50 92.8 70-130 70-130 2.27 0.0250 2.50 90.8 o-Xylene 91.3 4.56 5.00 70-130 p,m-Xylene 0.0500 6.84 0.0250 7.50 91.1 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.487 0.500 97.3 70-130 0.500 101 70-130 Surrogate: 1,2-Dichloroethane-d4 0.503 70-130 Surrogate: Toluene-d8 0.517 0.500 Matrix Spike (2430061-MS1) Source: E407181-12 Prepared: 07/24/24 Analyzed: 07/25/24 48-131 2.34 0.0250 2.50 ND 45-135 Ethylbenzene 2.48 0.0250 2.50 ND 99.1 98.9 48-130 Toluene 2.47 0.0250 2.50 ND 2.40 0.0250 2.50 ND 96.0 43-135 o-Xylene ND 97.3 43-135 p,m-Xylene 4.86 0.0500 5.00 Total Xylenes 7.26 0.0250 7.50 ND 96.9 43-135 97.6 Surrogate: Bromofluorobenzene 0.488 0.500 70-130 0.498 0.500 99.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.528 Surrogate: Toluene-d8 Matrix Spike Dup (2430061-MSD1) Source: E407181-12 Prepared: 07/24/24 Analyzed: 07/25/24 2.32 0.0250 2.50 ND 92.7 48-131 1.20 23 2.37 0.0250 2.50 ND 94.7 45-135 4.46 27 Ethylbenzene 3.71 ND 95.3 48-130 24 2.38 2.50 Toluene 0.0250 o-Xylene 2.39 0.0250 2.50 ND 95.5 43-135 0.522 27 5.00 ND 43-135 27 4.81 96.1 1.19 p,m-Xylene 0.0500



27

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

7.19

0.498

0.512

0.521

0.0250

7.50

0.500

0.500

0.500

ND

95.9

99 5

102

104

43-135

70-130

70-130

70-130

0.968

Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 7/30/2024 3:23:01PM Volatile Organic Compounds by EPA 8260B Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2430107-BLK1) Prepared: 07/25/24 Analyzed: 07/26/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.513 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.484 0.500 96.8 70-130 0.500 98.3 70-130 Surrogate: Toluene-d8 0.492 LCS (2430107-BS1) Prepared: 07/25/24 Analyzed: 07/26/24 2.35 0.0250 2.50 94.1 70-130 Benzene 2.48 2.50 99.1 70-130 Ethylbenzene 0.0250 2.32 0.0250 2.50 92.7 70-130 70-130 2.46 0.0250 2.50 98.6 o-Xylene 4.91 5.00 98.1 70-130 p,m-Xylene 0.0500 7.37 0.0250 7.50 98.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.506 0.500 101 70-130 0.500 98.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.493 70-130 Surrogate: Toluene-d8 0.495 0.500 Matrix Spike (2430107-MS1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24 48-131 2.38 0.0250 2.50 ND 95.0 45-135 Ethylbenzene 2.47 0.0250 2.50 ND 98.9 92.2 48-130 Toluene 2.31 0.0250 2.50 ND 2.47 0.0250 2.50 ND 98.8 43-135 o-Xylene 4.91 5.00 ND 98.1 43-135 p,m-Xylene 0.0500 Total Xylenes 7.38 0.0250 7.50 ND 98.3 43-135 Surrogate: Bromofluorobenzene 0.518 0.500 104 70-130 0.493 0.500 98.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.492 98.3 Surrogate: Toluene-d8 Matrix Spike Dup (2430107-MSD1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24 2.42 0.0250 2.50 ND 96.9 48-131 2.02 23 2.55 0.0250 2.50 ND 45-135 3.01 27 Ethylbenzene ND 94.5 48-130 2.42 24 2.36 2.50 Toluene 0.0250 o-Xylene 2.58 0.0250 2.50 ND 103 43-135 4.26 27 5.09 5.00 ND 102 43-135 3.59 27 0.0500 p,m-Xylene 27 7.66 0.0250 7.50 ND 102 43-135 3.82 Total Xylenes Surrogate: Bromofluorobenzene 0.512 0.500 102 70-130 0.500 98.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.494



0.500

98.3

70-130

0.492

Surrogate: Toluene-d8

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:23:01PM

Non		Analyst: IY						
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430061-BLK1)							Prepared: 0	7/24/24 Analy	yzed: 07/25/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			
LCS (2430061-BS2)							Prepared: 0	7/24/24 Analy	yzed: 07/25/24
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			
Matrix Spike (2430061-MS2)				Source:	E407181-	12	Prepared: 0	7/24/24 Analy	yzed: 07/25/24
Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			
Matrix Spike Dup (2430061-MSD2)				Source:	E407181-	12	Prepared: 0	7/24/24 Analy	yzed: 07/25/24
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	3.38	20	
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported:

PO Box 247		Project Number:		.064-0001					7/30/2024 3:23:01PM
Plains TX, 79355-0247		Project Manager:	10	om Bynum					//30/2024 5:25:01PF
	Nor	halogenated O	rganics	by EPA 80	15D - GF	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430107-BLK1)							Prepared: 0	7/25/24 A	nalyzed: 07/26/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			
LCS (2430107-BS2)							Prepared: 0	7/25/24 A	nalyzed: 07/26/24
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
Matrix Spike (2430107-MS2)				Source:	E407202-0	1	Prepared: 0	7/25/24 A	nalyzed: 07/26/24
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.8	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
Matrix Spike Dup (2430107-MSD2)				Source:	E407202-0	1	Prepared: 0	7/25/24 A	nalyzed: 07/26/24
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130	3.26	20	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			

0.500

0.500

0.493

98.5

99.7

70-130

70-130



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	Reported:
PO Box 247	Project Number:	21064-0001	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				7/3	30/2024 3:23:01PM
	Nonhal	logenated Or	ganics by	EPA 80151	D - 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 (2430071-BLK1)							Prepared: 0	7/24/24 Anal	yzed: 07/24/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.1		50.0		102	50-200			
LCS (2430071-BS1)							Prepared: 0	7/24/24 Anal	yzed: 07/24/24
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	38-132			
Surrogate: n-Nonane	51.8		50.0		104	50-200			
Matrix Spike (2430071-MS1)				Source:	E407181-	08	Prepared: 0	7/24/24 Anal	yzed: 07/24/24
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.6	38-132			
Surrogate: n-Nonane	53.3		50.0		107	50-200			
Matrix Spike Dup (2430071-MSD1)				Source:	E407181-	08	Prepared: 0	7/24/24 Anal	yzed: 07/24/24
Diesel Range Organics (C10-C28)	232	25.0	250	ND	92.8	38-132	3.06	20	
Surrogate: n-Nonane	52.9		50.0		106	50-200			



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	Reported:
PO Box 247	Project Number:	21064-0001	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				7	7/30/2024 3:23:01PM
	Nonhal	logenated Or	ganics by	EPA 80151	D - 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 (2430105-BLK1)							Prepared: 0	7/25/24 An	alyzed: 07/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.2		50.0		88.5	50-200			
LCS (2430105-BS1)							Prepared: 0	7/25/24 An	alyzed: 07/27/24
Diesel Range Organics (C10-C28)	240	25.0	250		96.0	38-132			
Surrogate: n-Nonane	46.7		50.0		93.5	50-200			
Matrix Spike (2430105-MS1)				Source:	E407198-	06	Prepared: 0	7/25/24 An	alyzed: 07/27/24
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.7	38-132			
Surrogate: n-Nonane	92.3		50.0		185	50-200			
Matrix Spike Dup (2430105-MSD1)				Source:	E407198-	06	Prepared: 0	7/25/24 An	alyzed: 07/27/24
Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.0	38-132	3.03	20	
Surrogate: n-Nonane	46.3		50.0		92.6	50-200			



Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw Unit 25 CTB 21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:23:01PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					7/30/2024 3:23:01PM
		Anions	by EPA 3	00.0/9056	4				Analyst: WF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2430074-BLK1)							Prepared: 0	07/24/24 <i>A</i>	Analyzed: 07/24/24
Chloride	ND	20.0							
LCS (2430074-BS1)							Prepared: 0	7/24/24 A	Analyzed: 07/24/24
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2430074-MS1)				Source:	E407181-	04	Prepared: 0	7/24/24 A	Analyzed: 07/24/24
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2430074-MSD1)				Source:	E407181-	04	Prepared: 0	7/24/24 A	Analyzed: 07/24/24

250

106

80-120

3.70

20

264

20.0



Chloride

QC Summary Data

Pima Environmental Services-Carlsba PO Box 247 Plains TX, 79355-0247	d	Project Name: Project Number: Project Manager	: 2	Cotton Draw U 21064-0001 Fom Bynum	nit 25 CTE	;			Reported: 7/30/2024 3:23:01PM
<u> </u>		Anions	by EPA	300.0/9056	4				Analyst: WF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2430113-BLK1)							Prepared: 0	7/25/24 A	nalyzed: 07/25/24
Chloride	ND	20.0							-
LCS (2430113-BS1)							Prepared: 0	7/25/24 A	nalyzed: 07/25/24
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2430113-MS1)				Source:	E407196-	03	Prepared: 0	7/25/24 A	nalyzed: 07/25/24
Chloride	490	20.0	250	268	88.6	80-120			
Matrix Spike Dup (2430113-MSD1)				Source:	E407196-	03	Prepared: 0	7/25/24 A	nalvzed: 07/25/24

250

20.0

80-120

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 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/30/24 15:23

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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Client: Pima Environn	nental Serv	rices	Bill To			Trans.	La	ab Us	e On	lv			_	TA	AT		EPA P	rogram
Project: Cotton Drav			Attention: Devon Energy		Lab	WO#	1		Job I	Num	ber	1D	2D	3D	Stan	dard	CWA	SDW
Project Manager: Tom	Bynum		Address:		E	107	118	1	010	223	fcoo.				X	(
Address: 5614 N. Lov			City, State, Zip				-		Analy	sis ar	nd Metho	d						RCR
City, State, Zip Hobbs		0	Phone:															
Phone: 806-782-115			Email:		015	015									1	11 00	State	1 - 1
Email: tom@pimaoil Report due by:	.com		Pima Project # 1-249-2 (nAB191	14946859)	by 8	by 8	021	560	10	300.0		Z	×		X		UT AZ	TX
Time Date Mat	rix No. of	Sample ID		Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 3		BGDOC	BGDOC 1				Remarks	1_1
Sampled Sampled	Containers			Number	ä	5	B.	>	Σ	5		- B	BG					
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Additional Instructions	: Wor	k Order/Billing:	21210307		-	J	1				LL							
, (field sampler), attest to the va			am aware that tampering with or intentionally mislab	elling the sampl	e locati	on,			200,000							are a house of the	hey are sampl	led or rec
late or time of collection is cons						_			packed	in ice a	at an avg ten					sequent day	/s.	
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mail: t Report du	om@pin	naoil.coi	n		P	Pima Project # 1-249-2 (nAB19	14946859)	by 8	by 8	3021	260	010	300.0			Z Z	×			M CO	UT AZ	. IX
Time	Date		No. of				Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride				200		<u> </u>	<u>, </u>	D	لسل
Sampled	Sampled	Matrix	Containers	Sample ID			Number	DRO	GRO	BTE	VOC	Met	Chlo		9	BGDOC	верос				Remarks	5
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7.						e that tampering with or intentionally mislal	pelling the samp	e locat	ion,											ice the day t	hey are samp	oled or re
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Printed: 7/24/2024 10:04:53AM

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.

					2,250 45 7044055045
Client:	Pima Environmental Services-Carlsbad	Date Received:	07/24/24 0	5:00	Work Order ID: E407181
Phone:	(575) 631-6977	Date Logged In:	07/23/24 1	5:27	Logged In By: Noe Soto
Email:	tom@pimaoil.com	Due Date:	07/30/24	7:00 (4 day TAT)	
1. Does th 2. Does th	Custody (COC) ne sample ID match the COC? ne number of samples per sampling site location match	h the COC	Yes Yes		
	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courrier</u>
	e COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes		
	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 disucssion.		Yes	ĺ	Comments/Resolution
	Urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Cotton Draw Unit 25 CTB has been
Sample C	· •		103		separated into multiple WO due to high
	cample cooler received?		Yes		
	was cooler received in good condition?		Yes		sample volume. WO are
• •	e sample(s) received intact, i.e., not broken?				E407181-E407183. Name of sampler is
			Yes		missing in COC by client. Jar for sample
	custody/security seals present?		No		#5 was empty. Emailed client and will send
II. If yes,	were custody/security seals intact?		NA		more sample.
12. Was th	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		Yes		more sample.
13. If no v	visible ice, record the temperature. Actual sample t	emperature: 4°C	<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?		Yes		
19. Is the a	appropriate volume/weight or number of sample contained	ers collected?	Yes		
Field Lat 20. Were	oel field sample labels filled out with the minimum infor	mation:			
	ample ID?		Yes		
	ate/Time Collected?		Yes		
	ollectors name?		No		
	reservation the COC or field lebels indicate the semales years are	agamia d9	NT-		
	the COC or field labels indicate the samples were pre	eserveu?	No		
	ample(s) correctly preserved?	-4-1-0	NA		
	filteration required and/or requested for dissolved me	etais?	No		
	se Sample Matrix				
	the sample have more than one phase, i.e., multiphase		No		
27. If yes,	does the COC specify which phase(s) is to be analyze	zed?	NA		
Subcontr	act Laboratory				
	umples required to get sent to a subcontract laboratory subcontract laboratory specified by the client and if		No NA	Subcontract Lab	v NA
	• • •			Subcontract Luc	7, 142
Client Ir	<u>struction</u>				
Signat	ure of client authorizing changes to the COC or sample disp	osition.			Date envirotech I

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 Unit 25 CTB

Work Order: E407182

Job Number: 21064-0001

Received: 7/24/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/30/24

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: 7/30/24

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Cotton Draw Unit 25 CTB

Workorder: E407182

Date Received: 7/24/2024 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2024 5:00:00AM, under the Project Name: Cotton Draw Unit 25 CTB.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 25 CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	Reported:	
PO Box 247	Project Number:	21064-0001	Reported:	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/30/24 15:26	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
A5-Surface	E407182-01A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A5-1'	E407182-02A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A5-2'	E407182-03A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A5-3'	E407182-04A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A5-4'	E407182-05A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A6-Surface	E407182-06A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A6-1'	E407182-07A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A6-2'	E407182-08A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A6-3'	E407182-09A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A6-4'	E407182-10A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A7-Surface	E407182-11A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A7-1'	E407182-12A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A7-2'	E407182-13A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A7-3'	E407182-14A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A7-4'	E407182-15A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A8-Surface	E407182-16A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A8-1'	E407182-17A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A8-2'	E407182-18A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A8-3'	E407182-19A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A8-4'	E407182-20A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A5-Surface E407182-01

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430062
Benzene	ND	0.0250		1	07/24/24	07/24/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/24/24	
Toluene	ND	0.0250		1	07/24/24	07/24/24	
o-Xylene	ND	0.0250		1	07/24/24	07/24/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/24/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		97.1 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		97.1 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/25/24	
Surrogate: n-Nonane		120 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2430075



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A5-1'

E407182-02

	Reporting						
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430062
Benzene	ND	0.0250		1	07/24/24	07/24/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/24/24	
Toluene	ND	0.0250		1	07/24/24	07/24/24	
o-Xylene	ND	0.0250		1	07/24/24	07/24/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/24/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		98.2 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/24/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8		98.2 %	70-130		07/24/24	07/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/25/24	
Surrogate: n-Nonane		118 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2430075
Chloride	118	20.0		1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A5-2' E407182-03

I It	Reporting					
	Limit	D:1	ution	Prepared	Analyzed	Notes
	Limit	Dil	ution	Prepared	Anaiyzed	Notes
g	mg/kg		Analyst:	IY		Batch: 2430062
	0.0250		1	07/24/24	07/24/24	
	0.0250		1	07/24/24	07/24/24	
	0.0250		1	07/24/24	07/24/24	
	0.0250		1	07/24/24	07/24/24	
	0.0500		1	07/24/24	07/24/24	
	0.0250		1	07/24/24	07/24/24	
102 %	ó	70-130		07/24/24	07/24/24	
97.9 %	ó	70-130		07/24/24	07/24/24	
99.0 %	ó	70-130		07/24/24	07/24/24	
g	mg/kg		Analyst:	IY		Batch: 2430062
	20.0		1	07/24/24	07/24/24	
102 %	ó	70-130		07/24/24	07/24/24	
97.9 %	ó	70-130		07/24/24	07/24/24	
99.0 %	ó	70-130		07/24/24	07/24/24	
g	mg/kg		Analyst:	KM		Batch: 2430072
	25.0		1	07/24/24	07/25/24	
	50.0		1	07/24/24	07/25/24	
117 %	ó	50-200		07/24/24	07/25/24	
g	mg/kg		Analyst:	WF		Batch: 2430075
	20.0		1	07/24/24	07/24/24	
	102 % 97.9 % 99.0 % g 102 % 97.9 % 99.0 % g 117 %	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 102 % 97.9 % 99.0 % g mg/kg 20.0 102 % 97.9 % 99.0 % g mg/kg 25.0 50.0 117 % g mg/kg	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 102 % 70-130 97.9 % 70-130 99.0 % 70-130 99.0 % 70-130 97.9 % 70-130 99.0 % 70-130 99.0 % 70-130 99.0 % 70-130 102 % 70-130 99.0 % 70-130 99.0 % 50-200 117 % 50-200 g mg/kg	0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 0.0250 1 0.070130 97.9 % 70-130 99.0 % 70-130 99.0 % 70-130 99.0 % 70-130 97.9 % 70-130 99.0 % 70-130 97.9 % 70-130 97.9 % 70-130 97.9 % 70-130 97.9 % 70-130 97.9 % 70-130 1102 % 70-130 97.9 % 70-130	0.0250	0.0250 1 07/24/24 07/24/24 07/24/24 0.0250 1 07/24/24 07/24/24 0.0250 1 07/24/24 07/24/24 0.0250 1 07/24/24 07/24/24 0.0250 1 07/24/24 07/24/24 0.0500 1 07/24/24 07/24/24 0.0250 1 07/24/24 0.0250 1 07/24/24 07/24/24 0.0250 1 07/24/24 07/24/24 0.0250 1 07/24/24 07/24/24 0.0250 1 07/24/24 07/24/24 0.0250 1 07/24/24 07/24/24 0.0250 1 07/25/24 1.0250 1 07/24/24 0.0250 1 07/24/24 0.0250 1 07/25/24 1.0250 1 07/24/24 0.0250 1 07/24/24 0.0250 1 07/25/24 1.0250 1 07/24/24 0.0250 1 07/25/24 1.0250 1 07/24/24 0.0250 1 07/25/24 1.0250 1 07/25/24 1.0250 1 07/24/24 0.0250 1 07/25/24 1.0250 1 07/25/24 1.0250 1 07/24/24 0.0250 1 07/25/24 1.0250 1 07/25/24 1.0250 1 07/24/24 0.0250 1 07/25/24 1.0250 1 07/24/24 0.0250 1 07/25/24 1.0250 1 07/25/24 1.0250 1 07/24/24 0.0250 1 07/25/24 1.0250 1 07/25/24 1.0250 1 07/24/24 0.0250 1 07/25/24 1.0250 1 07/



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A5-3' E407182-04

		E40/102-04				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
· ·	mg/kg	mg/kg		Analyst: IY		Batch: 2430062
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	07/24/24	07/25/24	Batch: 2430002
Benzene	ND ND	0.0250	1	07/24/24	07/25/24	
Ethylbenzene	ND ND	0.0250	1	07/24/24	07/25/24	
Toluene	ND ND	0.0250	1	07/24/24	07/25/24	
o-Xylene	ND ND	0.0230	1	07/24/24	07/25/24	
p,m-Xylene	ND ND	0.0300	1	07/24/24	07/25/24	
Total Xylenes Surrogate: Bromofluorobenzene	ND	98.6 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		95.9 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		95.9 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/24/24	07/25/24	
Surrogate: n-Nonane		124 %	50-200	07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2430075
Chloride	363	20.0	1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A5-4'

E407182-05

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430062
Benzene	ND	0.0250	1	l	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	l	07/24/24	07/25/24	
Toluene	ND	0.0250	1	l	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	l	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		99.0 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		99.0 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	07/24/24	07/25/24	
Surrogate: n-Nonane		119 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2430075



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:26:17PM

A6-Surface E407182-06

		12407102-00				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Analyte	Resuit	Limit	ווווו	non rrepared	Anaryzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2430107
Benzene	ND	0.0250	1	07/25/24	07/26/24	
Ethylbenzene	ND	0.0250	1	07/25/24	07/26/24	
Toluene	ND	0.0250	1	07/25/24	07/26/24	
o-Xylene	ND	0.0250	1	07/25/24	07/26/24	
p,m-Xylene	ND	0.0500	1	07/25/24	07/26/24	
Total Xylenes	ND	0.0250	1	07/25/24	07/26/24	
Surrogate: Bromofluorobenzene		100 %	70-130	07/25/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	07/25/24	07/26/24	
Surrogate: Toluene-d8		97.8 %	70-130	07/25/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2430107
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/24	07/26/24	
Surrogate: Bromofluorobenzene		100 %	70-130	07/25/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	07/25/24	07/26/24	
Surrogate: Toluene-d8		97.8 %	70-130	07/25/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2430105
Diesel Range Organics (C10-C28)	318	50.0	2	07/25/24	07/27/24	
Oil Range Organics (C28-C36)	442	100	2	07/25/24	07/27/24	
Surrogate: n-Nonane		88.5 %	50-200	07/25/24	07/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: WF		Batch: 2430113
Chloride	ND	20.0	1	07/25/24	07/25/24	
Cilionac	110	20.0	•	07720721		



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A6-1' E407182-07

		E40/102-0/				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
,	mg/kg	mg/kg		Analyst: IY	111111,200	Batch: 2430062
Volatile Organic Compounds by EPA 8260B			1	07/24/24	07/25/24	Batch: 2430002
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		97.8 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		97.8 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/24/24	07/25/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	07/24/24	07/25/24	
Surrogate: n-Nonane		119 %	50-200	07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: WF		Batch: 2430075
Chloride	45.6	20.0	1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A6-2'

E407182-08

		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2430062
Benzene	ND	0.0250		1	07/24/24	07/26/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/26/24	
Toluene	ND	0.0250		1	07/24/24	07/26/24	
o-Xylene	ND	0.0250		1	07/24/24	07/26/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/26/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		96.6 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		96.6 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/25/24	
Surrogate: n-Nonane		118 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2430075
Chloride	46.2	20.0		1	07/24/24	07/24/24	·

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A6-3' E407182-09

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430062
Benzene	ND	0.0250	1	l	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	l	07/24/24	07/25/24	
Toluene	ND	0.0250	1	l	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	l	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	l	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	[07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		97.7 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		97.7 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	07/24/24	07/25/24	
Surrogate: n-Nonane		117 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2430075
Chloride	24.1	20.0	1	[07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A6-4' E407182-10

		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2430062
Benzene	ND	0.0250	1	. 0	7/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	0	7/24/24	07/25/24	
Toluene	ND	0.0250	1	0	7/24/24	07/25/24	
o-Xylene	ND	0.0250	1	0	7/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	. 0	7/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	. 0	7/24/24	07/25/24	
Surrogate: Bromofluorobenzene		100 %	70-130	0	7/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	0	7/24/24	07/25/24	
Surrogate: Toluene-d8		98.7 %	70-130	0	7/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 0	7/24/24	07/25/24	
Surrogate: Bromofluorobenzene		100 %	70-130	0	7/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	0	7/24/24	07/25/24	
Surrogate: Toluene-d8		98.7 %	70-130	0	7/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM			Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0	1	0	7/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	0	7/24/24	07/25/24	
Surrogate: n-Nonane		119 %	50-200	0	7/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF			Batch: 2430075
Chloride	ND	20.0	1		7/24/24	07/24/24	·



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:26:17PM

A7-Surface **E407182-11**

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2430062
Benzene	ND	0.0250	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		98.6 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		101 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		98.6 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2430072
Diesel Range Organics (C10-C28)	2280	25.0	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	1160	50.0	1	07/24/24	07/25/24	
Surrogate: n-Nonane		122 %	50-200	07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2430075
Chloride	70.1	20.0	1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A7-1' E407182-12

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2430062
Benzene	ND	0.0250		1	07/24/24	07/25/24	Batem 2 150002
Ethylbenzene	ND	0.0250		1	07/24/24	07/25/24	
Toluene	ND	0.0250		1	07/24/24	07/25/24	
o-Xylene	ND	0.0250		1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		97.5 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		103 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		97.5 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2430072
Diesel Range Organics (C10-C28)	916	50.0		2	07/24/24	07/29/24	
Oil Range Organics (C28-C36)	611	100		2	07/24/24	07/29/24	
Surrogate: n-Nonane		113 %	50-200		07/24/24	07/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2430075
Chloride	40.8	20.0	_	1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A7-2' E407182-13

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2430062
Benzene	ND	0.0250		1	07/24/24	07/26/24	Batem 2 120002
Ethylbenzene	ND	0.0250		1	07/24/24	07/26/24	
Toluene	ND	0.0250		1	07/24/24	07/26/24	
o-Xylene	ND	0.0250		1	07/24/24	07/26/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/26/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		98.0 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		98.0 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/25/24	
Surrogate: n-Nonane		122 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2430075
Chloride	37.6	20.0		1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A7-3' E407182-14

Analyte	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
Allaryte	Kesuit	Lillit	Dilu	tion	Frepareu	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst:	IY		Batch: 2430062
Benzene	ND	0.0250	1		07/24/24	07/26/24	
Ethylbenzene	ND	0.0250	1		07/24/24	07/26/24	
Toluene	ND	0.0250	1		07/24/24	07/26/24	
-Xylene	ND	0.0250	1		07/24/24	07/26/24	
p,m-Xylene	ND	0.0500	1		07/24/24	07/26/24	
Total Xylenes	ND	0.0250	1		07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		98.1 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst:	IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		98.1 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst:	KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1		07/24/24	07/25/24	
Surrogate: n-Nonane		117 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst:	WF		Batch: 2430075
Chloride	37.3	20.0	1		07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A7-4' E407182-15

		2.07102 10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2430062
Renzene	ND	0.0250		1	07/24/24	07/26/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/26/24	
Toluene	ND	0.0250		1	07/24/24	07/26/24	
o-Xylene	ND	0.0250		1	07/24/24	07/26/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/26/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		98.8 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		98.8 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/25/24	
Surrogate: n-Nonane		127 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2430075
Chloride	48.4	20.0		1	07/24/24	07/24/24	



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:26:17PM

A8-Surface E407182-16

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2430062
Benzene	ND	0.0250	1	07/24/24	07/26/24	
Ethylbenzene	ND	0.0250	1	07/24/24	07/26/24	
Toluene	ND	0.0250	1	07/24/24	07/26/24	
o-Xylene	ND	0.0250	1	07/24/24	07/26/24	
p,m-Xylene	ND	0.0500	1	07/24/24	07/26/24	
Total Xylenes	ND	0.0250	1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/24/24	07/26/24	
Surrogate: Toluene-d8		99.5 %	70-130	07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/24/24	07/26/24	
Surrogate: Toluene-d8		99.5 %	70-130	07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: KM		Batch: 2430072
Diesel Range Organics (C10-C28)	990	25.0	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	677	50.0	1	07/24/24	07/25/24	
Surrogate: n-Nonane		129 %	50-200	07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: WF		Batch: 2430075
Chloride	ND	20.0	1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A8-1'

		E407182-17					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2430062
Benzene	ND	0.0250	1	ļ	07/24/24	07/26/24	
Ethylbenzene	ND	0.0250	1	Į.	07/24/24	07/26/24	
Toluene	ND	0.0250	1	Į.	07/24/24	07/26/24	
o-Xylene	ND	0.0250	1	Į.	07/24/24	07/26/24	
p,m-Xylene	ND	0.0500	1	l	07/24/24	07/26/24	
Total Xylenes	ND	0.0250	1	l	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		105 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		98.7 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		105 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		98.7 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: Kl	M		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1		07/24/24	07/25/24	
Surrogate: n-Nonane		122 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: W	F		Batch: 2430075
Chloride	86.8	20.0	1		07/24/24	07/24/24	·



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A8-2' E407182-18

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2430062
Benzene	ND	0.0250	1		07/24/24	07/26/24	
Ethylbenzene	ND	0.0250	1		07/24/24	07/26/24	
Toluene	ND	0.0250	1		07/24/24	07/26/24	
o-Xylene	ND	0.0250	1		07/24/24	07/26/24	
p,m-Xylene	ND	0.0500	1		07/24/24	07/26/24	
Total Xylenes	ND	0.0250	1		07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		97.1 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		97.1 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: KN	Л		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1		07/24/24	07/26/24	
Surrogate: n-Nonane		140 %	50-200		07/24/24	07/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: WI	F		Batch: 2430075
Chloride	83.9	20.0	1		07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A8-3' E407182-19

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430062
Benzene	ND	0.0250		1	07/24/24	07/26/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/26/24	
Toluene	ND	0.0250		1	07/24/24	07/26/24	
o-Xylene	ND	0.0250		1	07/24/24	07/26/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/26/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		100 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430062
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		101 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		100 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2430072
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/26/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/26/24	
Surrogate: n-Nonane		119 %	50-200		07/24/24	07/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2430075
Chloride	35.6	20.0		1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

A8-4'

E407182-20 Reporting Analyte Limit Dilution Result Prepared Analyzed Notes Analyst: IY Batch: 2430062 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 07/24/24 07/26/24 ND 0.0250 Benzene 07/24/24 07/26/24 Ethylbenzene ND 0.02501 ND 0.0250 07/24/24 07/26/24 Toluene 1 07/24/24 07/26/24 o-Xylene ND 0.025007/24/24 07/26/24 ND 0.0500 1 p,m-Xylene 07/26/24 1 07/24/24 Total Xylenes ND 0.0250 07/24/24 07/26/24 Surrogate: Bromofluorobenzene 98.8 % 70-130 07/26/24 Surrogate: 1,2-Dichloroethane-d4 99.4 % 70-130 07/24/24 Surrogate: Toluene-d8 99.7 % 70-130 07/24/24 07/26/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2430062 ND 1 07/24/24 07/26/24 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 98.8 % 07/24/24 07/26/24 70-130 07/24/24 07/26/24 Surrogate: 1,2-Dichloroethane-d4 99.4 % 70-130 Surrogate: Toluene-d8 07/24/24 07/26/24 99.7 % 70-130 mg/kg Analyst: KM Batch: 2430072 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 07/26/24 ND 25.0 1 07/24/24 Diesel Range Organics (C10-C28) ND 50.0 1 07/24/24 07/26/24 Oil Range Organics (C28-C36) 124 % 50-200 07/24/24 07/26/24 Surrogate: n-Nonane

mg/kg

20.0

mg/kg

65.1

Analyst: WF

07/24/24

07/24/24



Batch: 2430075

Anions by EPA 300.0/9056A

Chloride

QC Summary Data

Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 7/30/2024 3:26:17PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Prepared: 07/24/24 Analyzed: 07/25/24 Blank (2430062-BLK1) ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.511 0.500 102 70-130 Surrogate: 1,2-Dichloroethane-d4 0.482 0.500 96.4 70-130 0.500 98.4 70-130 Surrogate: Toluene-d8 0.492 LCS (2430062-BS1) Prepared: 07/24/24 Analyzed: 07/25/24 2.65 0.0250 2.50 106 70-130 Benzene 2.70 2.50 108 70-130 Ethylbenzene 0.0250 2.54 0.0250 2.50 102 70-130 70-130 2.75 0.0250 2.50 110 o-Xylene 5.46 5.00 109 70-130 p,m-Xylene 0.0500 8.22 0.0250 7.50 110 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.518 0.500 104 70-130 0.500 94.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.474 70-130 Surrogate: Toluene-d8 0.496 0.500 Matrix Spike (2430062-MS1) Source: E407182-08 Prepared: 07/24/24 Analyzed: 07/26/24 2.47 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.54 0.0250 2.50 ND 102 48-130 Toluene 2.39 0.0250 2.50 ND 95.5 2.62 0.0250 2.50 ND 105 43-135 o-Xylene ND 104 43-135 p,m-Xylene 5.18 0.0500 5.00 Total Xylenes 7.80 0.0250 7.50 ND 104 43-135 Surrogate: Bromofluorobenzene 0.518 0.500 104 70-130 0.481 0.500 96.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.499 Surrogate: Toluene-d8 Matrix Spike Dup (2430062-MSD1) Source: E407182-08 Prepared: 07/24/24 Analyzed: 07/26/24 2.59 0.0250 2.50 ND 104 48-131 4.90 23 2.62 0.0250 2.50 ND 105 45-135 3.18 27 Ethylbenzene ND 97.9 48-130 2.50 24 2.45 2.50 Toluene 0.0250 o-Xylene 2.68 0.0250 2.50 ND 107 43-135 2.23 27 5.33 5.00 ND 107 43-135 27 0.0500 2.87 p,m-Xylene 27 8.01 0.0250 7.50 ND 107 43-135 2.66 Total Xylenes Surrogate: Bromofluorobenzene 0.510 0.500 102 70-130



0.500

0.500

0.470

0.488

94.0

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 7/30/2024 3:26:17PM Volatile Organic Compounds by EPA 8260B Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2430107-BLK1) Prepared: 07/25/24 Analyzed: 07/26/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.513 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.484 0.500 96.8 70-130 0.500 98.3 70-130 Surrogate: Toluene-d8 0.492 LCS (2430107-BS1) Prepared: 07/25/24 Analyzed: 07/26/24 2.35 0.0250 2.50 94.1 70-130 Benzene 2.48 2.50 99.1 70-130 Ethylbenzene 0.0250 2.32 0.0250 2.50 92.7 70-130 70-130 2.46 0.0250 2.50 98.6 o-Xylene 4.91 5.00 98.1 70-130 p,m-Xylene 0.0500 7.37 0.0250 7.50 98.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.506 0.500 101 70-130 0.500 98.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.493 70-130 Surrogate: Toluene-d8 0.495 0.500 Matrix Spike (2430107-MS1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24 48-131 2.38 0.0250 2.50 ND 95.0 45-135 Ethylbenzene 2.47 0.0250 2.50 ND 98.9 92.2 48-130 Toluene 2.31 0.0250 2.50 ND 2.47 0.0250 2.50 ND 98.8 43-135 o-Xylene 4.91 5.00 ND 98.1 43-135 p,m-Xylene 0.0500 Total Xylenes 7.38 0.0250 7.50 ND 98.3 43-135 Surrogate: Bromofluorobenzene 0.518 0.500 104 70-130 0.493 0.500 98.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.492 98.3 Surrogate: Toluene-d8 Matrix Spike Dup (2430107-MSD1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24 2.42 0.0250 2.50 ND 96.9 48-131 2.02 23 2.55 0.0250 2.50 ND 45-135 3.01 27 Ethylbenzene ND 94.5 48-130 2.42 24 2.36 2.50 Toluene 0.0250 o-Xylene 2.58 0.0250 2.50 ND 103 43-135 4.26 27 5.09 5.00 ND 102 43-135 3.59 27 0.0500 p,m-Xylene 27 7.66 0.0250 7.50 ND 102 43-135 3.82 Total Xylenes Surrogate: Bromofluorobenzene 0.512 0.500 102 70-130 0.500 98.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.494



0.500

98.3

70-130

0.492

Surrogate: Toluene-d8

QC Summary Data

Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 7/30/2024 3:26:17PM

Nonhalogenated	Organics l	by EPA	8015D -	GRO

Analyst: IY

Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
					70		70	Tioles

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430062-BLK1)							Prepared: 0'	7/24/24 A	nalyzed: 07/25/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			
LCS (2430062-BS2)							Prepared: 0'	7/24/24 A	nalyzed: 07/26/24
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		90.9	70-130			·
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
Matrix Spike (2430062-MS2)				Source:	E407182-	08	Prepared: 0'	7/24/24 A	nalyzed: 07/26/24
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130			
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			
Matrix Spike Dup (2430062-MSD2)				Source:	E407182-	08	Prepared: 0'	7/24/24 A	nalyzed: 07/26/24
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.4	70-130	1.23	20	
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			



QC Summary Data

Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 21064-0001 Project Manager: Plains TX, 79355-0247 Tom Bynum 7/30/2024 3:26:17PM

Nonhalogenated Organics by EPA 8015D - GRO								Analyst: IY	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430107-BLK1)							Prepared: 0	7/25/24	Analyzed: 07/26/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			
LCS (2430107-BS2)							Prepared: 0'	7/25/24	Analyzed: 07/26/24
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
Matrix Spike (2430107-MS2)				Source:	E407202-	01	Prepared: 0'	7/25/24	Analyzed: 07/26/24
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.8	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			
Matrix Spike Dup (2430107-MSD2)				Source:	E407202-	01	Prepared: 0'	7/25/24	Analyzed: 07/26/24
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130	3.26	20	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

Plains TX, 79355-0247		Project Manager	r: Io	m Bynum					7/30/2024 3:26:17PN
	Nonha	logenated Or	ganics by	EPA 8015I) - 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 (2430072-BLK1)							Prepared: 0	7/24/24 A	nalyzed: 07/25/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.7		50.0		115	50-200			
LCS (2430072-BS1)							Prepared: 0	7/24/24 A	nalyzed: 07/25/24
Diesel Range Organics (C10-C28)	303	25.0	250		121	38-132			
urrogate: n-Nonane	59.2		50.0		118	50-200			
Matrix Spike (2430072-MS1)				Source:	E407182-0	04	Prepared: 0	7/24/24 A	nalyzed: 07/25/24
Diesel Range Organics (C10-C28)	301	25.0	250	ND	121	38-132			
urrogate: n-Nonane	45.8		50.0		91.5	50-200			
Matrix Spike Dup (2430072-MSD1)				Source:	E407182-0	04	Prepared: 0	7/24/24 A	nalyzed: 07/25/24
Diesel Range Organics (C10-C28)	312	25.0	250	ND	125	38-132	3.53	20	
'urrogate: n-Nonane	49.9		50.0		99.9	50-200			



QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:26:17PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					7/30/2024 3:26:17PN
	Nonha	logenated Or	ganics by	EPA 8015I	D - 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 (2430105-BLK1)							Prepared: 0	7/25/24 A	nalyzed: 07/27/24
biesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.2		50.0		88.5	50-200			
CS (2430105-BS1)							Prepared: 0	7/25/24 A	nalyzed: 07/27/24
riesel Range Organics (C10-C28)	240	25.0	250		96.0	38-132			
urrogate: n-Nonane	46.7		50.0		93.5	50-200			
Matrix Spike (2430105-MS1)				Source:	E407198-	06	Prepared: 0	7/25/24 A	nalyzed: 07/27/24
riesel Range Organics (C10-C28)	224	25.0	250	ND	89.7	38-132			
urrogate: n-Nonane	92.3		50.0		185	50-200			
Matrix Spike Dup (2430105-MSD1)				Source:	E407198-	06	Prepared: 0	7/25/24 A	nalyzed: 07/27/24
tiesel Range Organics (C10-C28)	218	25.0	250	ND	87.0	38-132	3.03	20	
urrogate: n-Nonane	46.3		50.0		92.6	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw Unit 25 CTB 21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:26:17PM

	110jeet Manage		2 J					
	Anions	by EPA 3	00.0/9056	\				Analyst: WF
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	7/24/24 Anal	yzed: 07/24/24
ND	20.0							
						Prepared: 0	7/24/24 Anal	yzed: 07/24/24
250	20.0	250		100	90-110			
			Source:	E407182-	02	Prepared: 0	7/24/24 Anal	yzed: 07/24/24
366	20.0	250	118	99.2	80-120			
			Source:	E407182-	02	Prepared: 0	7/24/24 Anal	yzed: 07/24/24
363	20.0	250	118	97.9	80-120	0.900	20	
	ND 250 366	Result Limit mg/kg	Result	Result	Result Rec Source Result Rec mg/kg mg/kg mg/kg mg/kg mg/kg %	Anions by EPA 300.0/9056A Result Result Limit Level Result Rec Limits mg/kg mg/kg mg/kg mg/kg % % ND 20.0 250 20.0 250 100 90-110 Source: E407182-02 366 20.0 250 118 99.2 80-120 Source: E407182-02	Result Reporting Spike Limit Level Result Rec Limits RPD	Result Result Rec Limit Level Result Rec Limits RPD Limit Limit RPD RPD Limit RPD RPD Limit RPD RP



Matrix Spike Dup (2430113-MSD1)

Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager	:	Cotton Draw Ui 21064-0001 Tom Bynum	nit 25 CTB				Reported: 7/30/2024 3:26:17PM
		Anions	by EPA	300.0/9056	4				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430113-BLK1)							Prepared: 0	7/25/24 A	nalyzed: 07/25/24
Chloride	ND	20.0							
LCS (2430113-BS1)							Prepared: 0	7/25/24 A	nalyzed: 07/25/24
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2430113-MS1)				Source:	E407196-0)3	Prepared: 0	7/25/24 A	nalyzed: 07/25/24
Chloride	490	20.0	250	268	88.6	80-120			

250

20.0

Source: E407196-03

101

80-120

5.90

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.



Prepared: 07/25/24 Analyzed: 07/25/24

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Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/30/24 15:26

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

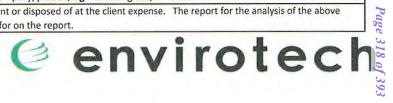
DNR Did not react with the addition of acid or base.

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

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

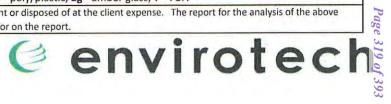


Client: Pi	ma Envi	ronment	al Servi	ces	Bill To				La	b Us	e Onl	V				TAT	Г	EPA P	rogram
Client: Pima Environmental Services Project: Cotton Draw Unit 25 CTB					Attention: Devon Energy			Lab WO#			Job Number			1D	2D	3D	Standard	CWA	SDWA
Project M					Address:			E407182			£000-8-2010						X		
Address:					City, State, Zip						Analys	sis and M	ethod		_	_			RCR
City, State Phone: 8			И, 88240)	Phone:												-	State	
Email: to			n		Email:		8015	801				0					NM CO		TXT
Report du		idoii.ooi	•		Pima Project # 1-249-2 (nAB191	4946859)	o by	yd O.	8021	8260	0100	300		Z	×		X		
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		верос	верос			Remarks	
	1/2-	-				Nulliber	0	0	В	>	2	O			8				
10:18	1100	S	1	A5-Surface		1								X					
0:20	1			A5-1'		2													
0:27				A5-2'		3													
10:36				A5-3'		4													
						5								T					
0:39	-	-		A5-4'					_				1	+					
0:43				A6-Surface		6													
10:91				A6-1'		7												***************************************	
10:59				A6-2'		8													
11:07				A6-3'		9													
11:10				A6-4'		10													
Additiona	l Instruc	tions:	10/		04040007		1								_	L			
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				icity of this sample. I a nay be grounds for lega	m aware that tampering with or intentionally mislab of action. Sampled by:	elling the sampl	e locatio	on,			100						eived on ice the day t °C on subsequent da		ed of Te
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	elle G		Date	23-24 160 Time	Received by: (Signature)	7.23 Date	·Ly	Time	71	>	<u>T1</u>			<u>T2</u>			<u>T3</u>		
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of7	Received
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SDWA	00
RCRA	D: 9/4,
TX	/4/2024
	2:33:2

Client: Pima Environmental Services				ces	Bill To				La	b Us	se Only			T	I TAT				EPA Program		
Project: Cotton Draw Unit 25 CTB													1D	2D	3D	Star	ndard	CWA	SDW		
	lanager:				Address:		E407182		10028.0007						X						
	5614 N.				City, State, Zip						Analy	sis an	d Metho	od						RCR	
	e, Zip Ho		M. 88240).	Phone:																
	306-782-				Email:		8015	3015									-	INAL CO	State UT AZ	TTVT	
Report di	om@pin	1aoii.cor	<u>n</u>		Pima Project # 1-249-2 (nAB19	14946859)	b	by 8	3021	260	010	300.0		Σ	¥		_	x CO	UT AZ	IX	
Time	Date Dy.		No. of	CI- ID		Lab	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос				^	Remarks		
Sampled	Sampled	Matrix	Containers	Sample ID		Number	DRC	GRC	вте	NOC	Met	G. Ch		BGE	BGDOC				Remarks		
11:17	7/22	S	1	A7-Surface		11								X							
11:23				A7-1'		12															
11:33				A7-2'		13															
1:37				A7-3'		14															
11:43				A7-4'		15															
11:56				A8-Surface		16															
12:00				A8-1'		17															
12:11				A8-2'		18															
12:20				A8-3'		19								П							
12:27				A8-4'		20								Ħ							
	al Instruc	tions:	Work	Order/Billing:	21210307		<u></u>									1	<u></u>	in the state of th			
, (field samp	ler), attest to	the validity			m aware that tampering with or intentionally mislat	elling the sampl	e locatio	n,			1							ice the day to	they are samp	led or re	
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llew	d by: (Signa	Hon	re 7	123/24 Time:	Cb Michelle Gonzale		24	77777	324	2	Rece	eived	on ice:		Y)/ N	se On	ily				
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rA.L	1.			13.14 V5	150 Might of Har	7-24-			50						-	1/01					



Printed: 7/24/2024 10:14:23AM

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:	07/24/24 05	:00	Work Order ID:	E407182
Phone:	(575) 631-6977	Date Logged In:	07/23/24 15	:47	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	07/30/24 17	7:00 (4 day TAT)		
Cl. C	G + 1 (COC)					
	Custody (COC)		***			
	ne sample ID match the COC? The number of samples per sampling site location mat	oh the COC	Yes			
	amples dropped off by client or carrier?	cii ule COC	Yes	a : a		
	e COC complete, i.e., signatures, dates/times, reques	eted analyses?	Yes Yes	Carrier: <u>C</u>	<u>courrier</u>	
	Il samples received within holding time?	sted unary ses:	Yes			
3. Were us	Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion.		103	г	Comment	s/Resolution
	urn Around Time (TAT)		***		Cotton Draw Unit 25 C	TR has been
	COC indicate standard TAT, or Expedited TAT?		Yes		separated into multiple	
Sample C	ample cooler received?		Yes		-	-
	was cooler received in good condition?		Yes		sample volume. WO are	
	e sample(s) received intact, i.e., not broken?				E407181-E407183. Nar	me of sampler is
			Yes		missing in COC by clie	nt. Jar for sample
	custody/security seals present?		No		#6 was empty. Emailed	client and will send
•	were custody/security seals intact?		NA		more sample.	
	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 /isible ice, record the temperature. Actual sample	e received w/i 15	Yes		more sumpre.	
Sample C		temperature. 1	<u>~</u>			
_	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						
	— field sample labels filled out with the minimum info	rmation:				
	ample ID?		Yes			
_	ate/Time Collected?		Yes	L		
	ollectors name?		No			
	reservation the COC or field labels in directs the semales were me	anamiad0	NI-			
	the COC or field labels indicate the samples were pr	eservea?	No			
	ample(s) correctly preserved? filteration required and/or requested for dissolved m	natole?	NA No			
	•	ictais:	NO			
	se Sample Matrix	9	3.7			
	the sample have more than one phase, i.e., multipha		No			
	does the COC specify which phase(s) is to be analy	/zeu?	NA			
	act Laboratory	_				
	amples required to get sent to a subcontract laborator	•	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA S	Subcontract Lab	o: NA	
Client In	<u>istruction</u>					
						0

Date

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

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 Unit 25 CTB

Work Order: E407183

Job Number: 21064-0001

Received: 7/24/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/30/24

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: 7/30/24

Tom Bynum PO Box 247

Plains, TX 79355-0247

Project Name: Cotton Draw Unit 25 CTB

Workorder: E407183

Date Received: 7/24/2024 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2024 5:00:00AM, under the Project Name: Cotton Draw Unit 25 CTB.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 25 CTB 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 25 CTB	Donoutoda
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/30/24 15:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
A9-Surface	E407183-01A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A-9-1'	E407183-02A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A9-2'	E407183-03A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A9-3'	E407183-04A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A9-4'	E407183-05A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A10-Surface	E407183-06A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A10-1'	E407183-07A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A10-2'	E407183-08A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A10-3'	E407183-09A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A10-4'	E407183-10A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A11-Surface	E407183-11A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A11-1'	E407183-12A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A11-2'	E407183-13A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A11-3'	E407183-14A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
A11-4'	E407183-15A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
AW1-Comp	E407183-16A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
AW2-Comp	E407183-17A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
AW3-Comp	E407183-18A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
AW4-Comp	E407183-19A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
AW5-Comp	E407183-20A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
AW6-Comp	E407183-21A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.
AW7-Comp	E407183-22A	Soil	07/22/24	07/24/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A9-Surface E407183-01

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Benzene	ND	0.0250		1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/25/24	
Toluene	ND	0.0250		1	07/24/24	07/25/24	
o-Xylene	ND	0.0250		1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		114 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		114 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2430083
Diesel Range Organics (C10-C28)	1960	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	893	50.0		1	07/24/24	07/25/24	
Surrogate: n-Nonane		116 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2430080
Chloride	32.4	20.0		1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A-9-1' E407183-02

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Benzene	ND	0.0250	1	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	l	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		118 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		118 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2430083
Diesel Range Organics (C10-C28)	2350	125	5	5	07/24/24	07/27/24	
Oil Range Organics (C28-C36)	784	250	5	5	07/24/24	07/27/24	
Surrogate: n-Nonane		103 %	50-200		07/24/24	07/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2430080
Chloride	35.6	20.0	1		07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A9-2' E407183-03

		2107100 00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2430063
Benzene	ND	0.0250		1	07/24/24	07/25/24	Batem 2 150005
Ethylbenzene	ND	0.0250		1	07/24/24	07/25/24	
Toluene	ND	0.0250		1	07/24/24	07/25/24	
o-Xylene	ND	0.0250		1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		91.7%	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		91.7 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/27/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/27/24	
Surrogate: n-Nonane		96.7 %	50-200		07/24/24	07/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2430080
Chloride	69.4	20.0		1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A9-3'

E407183-04							
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2430063
Benzene	ND	0.0250		1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/25/24	
Toluene	ND	0.0250		1	07/24/24	07/25/24	
o-Xylene	ND	0.0250		1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		115 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		115 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/25/24	
Surrogate: n-Nonane		105 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2430080
Chloride	62.6	20.0		1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A9-4'

E407183-05								
		Reporting						
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2430063	
Benzene	ND	0.0250		1	07/24/24	07/25/24		
Ethylbenzene	ND	0.0250		1	07/24/24	07/25/24		
Toluene	ND	0.0250		1	07/24/24	07/25/24		
o-Xylene	ND	0.0250		1	07/24/24	07/25/24		
p,m-Xylene	ND	0.0500		1	07/24/24	07/25/24		
Total Xylenes	ND	0.0250		1	07/24/24	07/25/24		
Surrogate: Bromofluorobenzene		114 %	70-130		07/24/24	07/25/24		
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		07/24/24	07/25/24		
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/25/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430063	
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/25/24		
Surrogate: Bromofluorobenzene		114 %	70-130		07/24/24	07/25/24		
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		07/24/24	07/25/24		
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/25/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2430083	
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24		
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/25/24		
Surrogate: n-Nonane		105 %	50-200		07/24/24	07/25/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2430080	
Chloride	ND	20.0		1	07/24/24	07/24/24		



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

A10-Surface E407183-06

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2430063
Benzene	ND	0.0250	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		114 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		114 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/24/24	07/25/24	
Surrogate: n-Nonane		108 %	50-200	07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: JM		Batch: 2430080
Chloride	ND	20.0	1	07/24/24	07/24/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A10-1' E407183-07

Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
		1	rmaryzou	
mg/kg	An			Batch: 2430063
0.0250	1	07/24/24	07/25/24	
0.0250	1	07/24/24	07/25/24	
0.0250	1	07/24/24	07/25/24	
0.0250	1	07/24/24	07/25/24	
0.0500	1	07/24/24	07/25/24	
0.0250	1	07/24/24	07/25/24	
117 %	70-130	07/24/24	07/25/24	
91.7 %	70-130	07/24/24	07/25/24	
108 %	70-130	07/24/24	07/25/24	
mg/kg	An	alyst: IY		Batch: 2430063
20.0	1	07/24/24	07/25/24	
117 %	70-130	07/24/24	07/25/24	
91.7 %	70-130	07/24/24	07/25/24	
108 %	70-130	07/24/24	07/25/24	
mg/kg	An	alyst: NV		Batch: 2430083
25.0	1	07/24/24	07/25/24	
50.0	1	07/24/24	07/25/24	
109 %	50-200	07/24/24	07/25/24	
mg/kg	An	alyst: JM		Batch: 2430080
	Limit mg/kg 0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 117 % 108 % mg/kg 20.0 117 % 108 % mg/kg 25.0 50.0 109 %	Limit Dilution	Limit Dilution Prepared mg/kg Analyst: IY 0.0250 1 07/24/24 0.0250 1 07/24/24 0.0250 1 07/24/24 0.0250 1 07/24/24 0.0500 1 07/24/24 0.0250 1 07/24/24 91.7 % 70-130 07/24/24 91.7 % 70-130 07/24/24 108 % 70-130 07/24/24 117 % 70-130 07/24/24 91.7 % 70-130 07/24/24 91.7 % 70-130 07/24/24 108 % 70-130 07/24/24 108 % 70-130 07/24/24 108 % 70-130 07/24/24 108 % 70-130 07/24/24 108 % 70-130 07/24/24 108 % 70-130 07/24/24 108 % 70-130 07/24/24 109 % 50-200 07/24/24	Limit Dilution Prepared Analyzed mg/kg Analyst: IY 0.0250 1 07/24/24 07/25/24 0.0250 1 07/24/24 07/25/24 0.0250 1 07/24/24 07/25/24 0.0250 1 07/24/24 07/25/24 0.0500 1 07/24/24 07/25/24 0.0250 1 07/24/24 07/25/24 91.7 % 70-130 07/24/24 07/25/24 91.7 % 70-130 07/24/24 07/25/24 108 % 70-130 07/24/24 07/25/24 117 % 70-130 07/24/24 07/25/24 91.7 % 70-130 07/24/24 07/25/24 91.7 % 70-130 07/24/24 07/25/24 108 % 70-130 07/24/24 07/25/24 108 % 70-130 07/24/24 07/25/24 108 % 70-130 07/24/24 07/25/24 108 % 70-130 07/24/24 07/25/24<



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A10-2'

E407183-08

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Benzene	ND	0.0250	1		07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1		07/24/24	07/25/24	
Toluene	ND	0.0250	1		07/24/24	07/25/24	
o-Xylene	ND	0.0250	1		07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1		07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1		07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		110 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1		07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		110 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1		07/24/24	07/25/24	
Surrogate: n-Nonane		109 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2430080
THIONS BY EITHEOUTOFF VEGUT							



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A10-3' E407183-09

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2430063
Benzene	ND	0.0250	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		115 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		115 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/24/24	07/25/24	
Surrogate: n-Nonane		108 %	50-200	07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2430080
Chloride	ND	20.0	1	07/24/24	07/24/24	

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

A10-4'

E407183-10

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2430063
Benzene	ND	0.0250	1	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/24/24	07/25/24	
Surrogate: n-Nonane		113 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2430080



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A11-Surface E407183-11

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2430063
Benzene	ND	0.0250	1	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		114 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		114 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/24/24	07/25/24	
Surrogate: n-Nonane		111 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2430080
	ND	20.0	1		07/24/24	07/24/24	-

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A11-1' E407183-12

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
				Analyst:	•	7 mary zea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg				0.5/0.5/0.4	Batch: 2430063
Benzene	ND	0.0250		1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/25/24	
Toluene	ND	0.0250		1	07/24/24	07/25/24	
o-Xylene	ND	0.0250		1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		116 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		116 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	:	1	07/24/24	07/25/24	
Surrogate: n-Nonane		113 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2430080
Chloride	ND	20.0		1	07/24/24	07/24/24	

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

A11-2' E407183-13

	Reporting						
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Benzene	ND	0.0250	1	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/24/24	07/25/24	
Surrogate: n-Nonane		113 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2430080
	ND	20.0			07/24/24	07/24/24	

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

A11-3' E407183-14

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Benzene	ND	0.0250	1	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		115 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		115 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0	1	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	07/24/24	07/25/24	
Surrogate: n-Nonane		117 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2430080
	ND	20.0	1		07/24/24	07/24/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

A11-4' E407183-15

		2107100 10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2430063
Benzene	ND	0.0250		1	07/24/24	07/25/24	Batch: 2 130003
Ethylbenzene	ND	0.0250		1	07/24/24	07/25/24	
Toluene	ND	0.0250		1	07/24/24	07/25/24	
o-Xylene	ND	0.0250		1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		88.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		88.8 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0		1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/24/24	07/25/24	
Surrogate: n-Nonane		114 %	50-200		07/24/24	07/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2430080
Chloride	ND	20.0		1	07/24/24	07/24/24	



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

AW1-Comp E407183-16

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Marye				1	7 mary zeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2430063
Benzene	ND	0.0250	1	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	07/24/24	07/25/24	
Toluene	ND	0.0250	1	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		113 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130	07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	analyst: NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0	1	07/24/24	07/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/24/24	07/26/24	
Surrogate: n-Nonane		117 %	50-200	07/24/24	07/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: JM		Batch: 2430080
Chloride	ND	20.0	1	07/24/24	07/24/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

AW2-Comp E407183-17

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY	-		Batch: 2430063
Benzene	ND	0.0250	1		07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	Į.	07/24/24	07/25/24	
Toluene	ND	0.0250	1	ļ.	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	ļ.	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	Į.	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1		07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		112 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY	-		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		112 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: N	V		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	07/24/24	07/26/24	
Surrogate: n-Nonane	·	117 %	50-200		07/24/24	07/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: JM	1		Batch: 2430080
Chloride	ND	20.0	1		07/24/24	07/24/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

AW3-Comp E407183-18

		2107100 10					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			DII			Amaryzea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			Batch: 2430107
Benzene	ND	0.0250		1	07/25/24	07/26/24	
Ethylbenzene	ND	0.0250		1	07/25/24	07/26/24	
Toluene	ND	0.0250		1	07/25/24	07/26/24	
o-Xylene	ND	0.0250		1	07/25/24	07/26/24	
p,m-Xylene	ND	0.0500		1	07/25/24	07/26/24	
Total Xylenes	ND	0.0250		1	07/25/24	07/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130		07/25/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		07/25/24	07/26/24	
Surrogate: Toluene-d8		99.3 %	70-130		07/25/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2430107
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/25/24	07/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130		07/25/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		07/25/24	07/26/24	
Surrogate: Toluene-d8		99.3 %	70-130		07/25/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2430105
Diesel Range Organics (C10-C28)	ND	25.0		1	07/25/24	07/27/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/25/24	07/27/24	
Surrogate: n-Nonane		91.6 %	50-200		07/25/24	07/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2430113
Chloride	ND	20.0		1	07/25/24	07/25/24	



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

AW4-Comp E407183-19

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Benzene	ND	0.0250	1	l	07/24/24	07/25/24	
Ethylbenzene	ND	0.0250	1	l	07/24/24	07/25/24	
Toluene	ND	0.0250	1	l	07/24/24	07/25/24	
o-Xylene	ND	0.0250	1	l	07/24/24	07/25/24	
p,m-Xylene	ND	0.0500	1	l	07/24/24	07/25/24	
Total Xylenes	ND	0.0250	1	[07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		114 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2430063
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	07/24/24	07/25/24	
Surrogate: Bromofluorobenzene		114 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		90.7 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130		07/24/24	07/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	_	Analyst:	NV		Batch: 2430083
Diesel Range Organics (C10-C28)	ND	25.0	1		07/24/24	07/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	07/24/24	07/26/24	
Surrogate: n-Nonane		113 %	50-200		07/24/24	07/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2430080
Chloride	ND	20.0	1	1	07/24/24	07/24/24	



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

AW5-Comp E407183-20

		2.0.100 20				
Analyta	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	inotes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2430107
Benzene	ND	0.0250	1	07/25/24	07/26/24	
Ethylbenzene	ND	0.0250	1	07/25/24	07/26/24	
Toluene	ND	0.0250	1	07/25/24	07/26/24	
o-Xylene	ND	0.0250	1	07/25/24	07/26/24	
p,m-Xylene	ND	0.0500	1	07/25/24	07/26/24	
Total Xylenes	ND	0.0250	1	07/25/24	07/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/25/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	07/25/24	07/26/24	
Surrogate: Toluene-d8		96.9 %	70-130	07/25/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2430107
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/24	07/26/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/25/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	07/25/24	07/26/24	
Surrogate: Toluene-d8		96.9 %	70-130	07/25/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2430105
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/24	07/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/24	07/27/24	
Surrogate: n-Nonane		88.6 %	50-200	07/25/24	07/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2430113



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

AW6-Comp E407183-21

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2430079
Benzene	ND	0.0250		1	07/24/24	07/26/24	
Ethylbenzene	ND	0.0250		1	07/24/24	07/26/24	
Toluene	ND	0.0250		1	07/24/24	07/26/24	
o-Xylene	ND	0.0250		1	07/24/24	07/26/24	
p,m-Xylene	ND	0.0500		1	07/24/24	07/26/24	
Total Xylenes	ND	0.0250		1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		105 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: RKS			Batch: 2430079	
Gasoline Range Organics (C6-C10)	ND	20.0		1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		100 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8		105 %	70-130		07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2430104
Diesel Range Organics (C10-C28)	ND	25.0		1	07/25/24	07/26/24	
Oil Range Organics (C28-C36)	ND	50.0		1	07/25/24	07/26/24	
Surrogate: n-Nonane		96.3 %	50-200		07/25/24	07/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2430053
Chloride	ND	20.0		1	07/24/24	07/24/24	



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBPO Box 247Project Number:21064-0001Reported:Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

AW7-Comp E407183-22

		2.0.100 22				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Allaiyu		Lillit		1	Analyzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS	Batch: 2430079	
Benzene	ND	0.0250	1	07/24/24	07/26/24	
Ethylbenzene	ND	0.0250	1	07/24/24	07/26/24	
Toluene	ND	0.0250	1	07/24/24	07/26/24	
o-Xylene	ND	0.0250	1	07/24/24	07/26/24	
p,m-Xylene	ND	0.0500	1	07/24/24	07/26/24	
Total Xylenes	ND	0.0250	1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130	07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/24/24	07/26/24	
Surrogate: Toluene-d8		104 %	70-130	07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2430079
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/24/24	07/26/24	
Surrogate: Bromofluorobenzene		99.0 %	70-130	07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/24/24	07/26/24	
Surrogate: Toluene-d8		104 %	70-130	07/24/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2430104
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/24	07/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/24	07/26/24	
Surrogate: n-Nonane		93.3 %	50-200	07/25/24	07/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2430053
Chloride	ND	20.0	1	07/24/24	07/25/24	



Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 7/30/2024 3:27:58PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Prepared: 07/24/24 Analyzed: 07/25/24 Blank (2430063-BLK1) ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.590 0.500 118 70-130 Surrogate: 1,2-Dichloroethane-d4 0.449 0.500 89.8 70-130 0.500 107 70-130 Surrogate: Toluene-d8 0.537 LCS (2430063-BS1) Prepared: 07/24/24 Analyzed: 07/25/24 2.14 0.0250 2.50 85.5 70-130 Benzene 2.35 2.50 94.0 70-130 Ethylbenzene 0.0250 2.35 0.0250 2.50 94.1 70-130 2.52 70-130 0.0250 2.50 101 o-Xylene 5.02 5.00 100 70-130 p,m-Xylene 0.0500 7.54 0.0250 7.50 101 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.570 0.500 114 70-130 0.500 93.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.466 70-130 Surrogate: Toluene-d8 0.500 0.534 Matrix Spike (2430063-MS1) Source: E407183-10 Prepared: 07/24/24 Analyzed: 07/25/24 48-131 2.25 0.0250 2.50 ND 45-135 Ethylbenzene 2.45 0.0250 2.50 ND 98.0 98.3 48-130 Toluene 2.46 0.0250 2.50 ND 2.60 0.0250 2.50 ND 104 43-135 o-Xylene ND 104 43-135 p,m-Xylene 5.20 0.0500 5.00 Total Xylenes 7.79 0.0250 7.50 ND 104 43-135 0.572 0.500 114 70-130 Surrogate: Bromofluorobenzene 0.500 97.0 70-130 Surrogate: 1,2-Dichloroethane-d4 0.485 0.500 70-130 0.537 Surrogate: Toluene-d8 Matrix Spike Dup (2430063-MSD1) Source: E407183-10 Prepared: 07/24/24 Analyzed: 07/25/24 2.21 0.0250 2.50 ND 88.4 48-131 1.90 23 0.0250 2.50 ND 98.5 45-135 0.488 27 Ethylbenzene ND 98.5 48-130 0.183 24 2.46 2.50 Toluene 0.0250 o-Xylene 2.61 0.0250 2.50 ND 105 43-135 0.691 27 5.22 5.00 ND 104 43-135 0.355 27 0.0500 p,m-Xylene 27 7.83 0.0250 7.50 ND 104 43-135 0.467 Total Xylenes



0.500

0.500

0.500

116

92.9

70-130

70-130

70-130

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

0.580

0.465

0.544

Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 7/30/2024 3:27:58PM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Prepared: 07/24/24 Analyzed: 07/26/24 Blank (2430079-BLK1) ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.490 0.500 98.0 70-130 Surrogate: 1,2-Dichloroethane-d4 0.505 0.500 101 70-130 0.500 105 70-130 Surrogate: Toluene-d8 0.524 LCS (2430079-BS1) Prepared: 07/24/24 Analyzed: 07/26/24 2.33 0.0250 2.50 93.3 70-130 Benzene 2.45 2.50 98.0 70-130 Ethylbenzene 0.0250 2.43 0.0250 2.50 97.4 70-130 2.34 93.5 70-130 0.0250 2.50 o-Xylene 94.5 4.73 5.00 70-130 p,m-Xylene 0.0500 7.06 0.0250 7.50 94.2 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.479 0.500 95.7 70-130 0.500 105 70-130 Surrogate: 1,2-Dichloroethane-d4 0.523 70-130 Surrogate: Toluene-d8 0.521 0.500 Matrix Spike (2430079-MS1) Source: E407191-01 Prepared: 07/24/24 Analyzed: 07/26/24 48-131 2.32 0.0250 2.50 ND 92.8 45-135 Ethylbenzene 2.44 0.0250 2.50 ND 97.7 48-130 Toluene 2.44 0.0250 2.50 ND 97.6 2.40 0.0250 2.50 ND 96.0 43-135 o-Xylene 4.83 ND 96.7 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.23 0.0250 7.50 ND 96.4 43-135 98.9 0.495 0.500 70-130 Surrogate: Bromofluorobenzene 0.487 0.500 97.3 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.521 Surrogate: Toluene-d8 Matrix Spike Dup (2430079-MSD1) Source: E407191-01 Prepared: 07/24/24 Analyzed: 07/26/24 2.32 0.0250 2.50 ND 92.8 48-131 0.0216 23 0.0250 2.50 ND 97.8 45-135 0.164 27 Ethylbenzene ND 97.8 48-130 0.266 24 2.45 2.50 Toluene 0.0250 o-Xylene 2.40 0.0250 2.50 ND 95.8 43-135 0.125 27 4.85 5.00 ND 96.9 43-135 0.248 27 p,m-Xylene 0.0500 27 7.24 0.0250 7.50 ND 96.6 43-135 0.124 Total Xylenes Surrogate: Bromofluorobenzene 0.498 0.500 99.6 70-130



0.500

0.500

0.505

0.525

101

105

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: Project Number: PO Box 247 21064-0001 Plains TX, 79355-0247 Project Manager: Tom Bynum 7/30/2024 3:27:58PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2430107-BLK1) Prepared: 07/25/24 Analyzed: 07/26/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.513 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.484 0.500 96.8 70-130 0.500 98.3 70-130 Surrogate: Toluene-d8 0.492 LCS (2430107-BS1) Prepared: 07/25/24 Analyzed: 07/26/24 2.35 0.0250 2.50 94.1 70-130 Benzene 2.48 2.50 99.1 70-130 Ethylbenzene 0.0250 2.32 0.0250 2.50 92.7 70-130 70-130 2.46 0.0250 2.50 98.6 o-Xylene 4.91 5.00 98.1 70-130 p,m-Xylene 0.0500 7.37 0.0250 7.50 98.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.506 0.500 101 70-130 0.500 98.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.493 70-130 Surrogate: Toluene-d8 0.495 0.500 Matrix Spike (2430107-MS1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24 48-131 2.38 0.0250 2.50 ND 95.0 45-135 Ethylbenzene 2.47 0.0250 2.50 ND 98.9 92.2 48-130 Toluene 2.31 0.0250 2.50 ND 2.47 0.0250 2.50 ND 98.8 43-135 o-Xylene 4.91 ND 98.1 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.38 0.0250 7.50 ND 98.3 43-135 0.518 0.500 104 70-130 Surrogate: Bromofluorobenzene 0.493 0.500 98.5 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.492 98.3 Surrogate: Toluene-d8 Matrix Spike Dup (2430107-MSD1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24 2.42 0.0250 2.50 ND 96.9 48-131 2.02 23 2.55 0.0250 2.50 ND 45-135 3.01 27 Ethylbenzene ND 94.5 48-130 2.42 24 2.36 2.50 Toluene 0.0250 o-Xylene 2.58 0.0250 2.50 ND 103 43-135 4.26 27 5.09 5.00 ND 102 43-135 3.59 27 p,m-Xylene 0.0500 27 7.66 0.0250 7.50 ND 102 43-135 3.82 Total Xylenes Surrogate: Bromofluorobenzene 0.512 0.500 102 70-130 0.500 98.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.494



0.500

98.3

70-130

0.492

Surrogate: Toluene-d8

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

Nonhalogenated	Organics	by EPA	8015D -	GRO
Tionnaiogenatea	Organics	Dy LIII	OULDE	GILO

Analyst:	I
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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	LCVCI	Result	Rec	Lillits	KI D	Lillin	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430063-BLK1)							Prepared: 07	7/24/24	Analyzed: 07/25/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.590		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.449		0.500		89.8	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			
LCS (2430063-BS2)							Prepared: 07	7/24/24	Analyzed: 07/25/24
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130			•
Surrogate: Bromofluorobenzene	0.579		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		93.0	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			
Matrix Spike (2430063-MS2)				Source:	E407183-	10	Prepared: 07	7/24/24	Analyzed: 07/25/24
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.584		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.7	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			
Matrix Spike Dup (2430063-MSD2)				Source:	E407183-	10	Prepared: 07	7/24/24	Analyzed: 07/25/24
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	0.00464	20	
Surrogate: Bromofluorobenzene	0.579		0.500		116	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.579 0.487		0.500 0.500		116 97.3	70-130 70-130			



Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

Nonhalogenated Organics by EPA 8015D - GRO							Analyst: RKS	
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2430079-BLK1)							Prepared: 0	7/24/24 Analy	yzed: 07/26/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130					
Surrogate: Toluene-d8	0.524		0.500		105	70-130					
LCS (2430079-BS2)							Prepared: 0	7/24/24 Analy	yzed: 07/26/24		
Gasoline Range Organics (C6-C10)	55.6	20.0	50.0		111	70-130					
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130					
Surrogate: Toluene-d8	0.536		0.500		107	70-130					
Matrix Spike (2430079-MS2)				Source:	Source: E407191-01			Prepared: 07/24/24 Analyzed: 07/26/24			
Gasoline Range Organics (C6-C10)	58.9	20.0	50.0	ND	118	70-130					
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130					
Surrogate: Toluene-d8	0.533		0.500		107	70-130					
Matrix Spike Dup (2430079-MSD2)				Source:	E407191-	01	Prepared: 0	7/24/24 Analy	yzed: 07/26/24		
Gasoline Range Organics (C6-C10)	57.1	20.0	50.0	ND	114	70-130	3.09	20			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130					
Surrogate: Toluene-d8	0.529		0.500		106	70-130					



 ${\it Surrogate: Bromofluor obenzene}$

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Pima Environmental Services-CarlsbadProject Name:Cotton Draw Unit 25 CTBReported:PO Box 247Project Number:21064-0001Plains TX, 79355-0247Project Manager:Tom Bynum7/30/20243:27:58PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				7/	30/2024 3:27:58PI		
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		Analyst: IY			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2430107-BLK1)							Prepared: 0	7/25/24 Ana	lyzed: 07/26/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130					
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130					
LCS (2430107-BS2)							Prepared: 0	7/25/24 Ana	lyzed: 07/26/24		
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130					
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130					
Surrogate: Toluene-d8	0.504		0.500		101	70-130					
Matrix Spike (2430107-MS2)				Source:	E407202-	01	Prepared: 0	7/25/24 Ana	lyzed: 07/26/24		
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.8	70-130					
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130					
Surrogate: Toluene-d8	0.504		0.500		101	70-130					
Matrix Spike Dup (2430107-MSD2)				Source:	E407202-	01	Prepared: 0	7/25/24 Ana	lyzed: 07/26/24		
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130	3.26	20			

0.500

0.500

0.500

0.523

0.493

0.499

105

98.5

99.7

70-130

70-130

70-130



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	Reported:
PO Box 247	Project Number:	21064-0001	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

Plains TX, 79355-0247		Project Manager	r: 10	m Bynum					//30/2024 3:27:58PN
	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 (2430083-BLK1)							Prepared: 0	7/24/24 Aı	nalyzed: 07/25/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	59.6		50.0		119	50-200			
LCS (2430083-BS1)							Prepared: 0	7/24/24 Aı	nalyzed: 07/25/24
Diesel Range Organics (C10-C28)	233	25.0	250		93.3	38-132			
urrogate: n-Nonane	60.0		50.0		120	50-200			
Matrix Spike (2430083-MS1)				Source:	E407183-	04	Prepared: 0	7/24/24 Aı	nalyzed: 07/25/24
Diesel Range Organics (C10-C28)	242	25.0	250	ND	97.0	38-132			
urrogate: n-Nonane	58.3		50.0		117	50-200			
Matrix Spike Dup (2430083-MSD1)				Source:	E407183-	04	Prepared: 0	7/24/24 Aı	nalyzed: 07/25/24
Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.7	38-132	2.40	20	
Jurrogate: n-Nonane	58.4		50.0		117	50-200			



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	Reported:
PO Box 247	Project Number:	21064-0001	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum				7	7/30/2024 3:27:58PM
	Nonhal	logenated Or	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 (2430104-BLK1)							Prepared: 0	7/25/24 An	alyzed: 07/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.1		50.0		108	50-200			
LCS (2430104-BS1)							Prepared: 0	7/25/24 An	alyzed: 07/26/24
Diesel Range Organics (C10-C28)	237	25.0	250		94.8	38-132			
Surrogate: n-Nonane	52.2		50.0		104	50-200			
Matrix Spike (2430104-MS1)				Source:	E407187-	24	Prepared: 0	7/25/24 An	alyzed: 07/26/24
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.4	38-132			
Surrogate: n-Nonane	49.8		50.0		99.5	50-200			
Matrix Spike Dup (2430104-MSD1)				Source:	E407187-	24	Prepared: 0	7/25/24 An	alyzed: 07/26/24
Diesel Range Organics (C10-C28)	227	25.0	250	ND	90.7	38-132	4.08	20	
Surrogate: n-Nonane	51.7		50.0		103	50-200			



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					7/30/2024 3:27:58PM
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430105-BLK1)							Prepared: 0	7/25/24 A	nalyzed: 07/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.2		50.0		88.5	50-200			
LCS (2430105-BS1)							Prepared: 0	7/25/24 A	nalyzed: 07/27/24
Diesel Range Organics (C10-C28)	240	25.0	250		96.0	38-132			
urrogate: n-Nonane	46.7		50.0		93.5	50-200			
Matrix Spike (2430105-MS1)				Source:	E407198-	06	Prepared: 0	7/25/24 A	nalyzed: 07/27/24
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.7	38-132			
urrogate: n-Nonane	92.3		50.0		185	50-200			
Matrix Spike Dup (2430105-MSD1)				Source:	E407198-	06	Prepared: 0	7/25/24 A	nalyzed: 07/27/24
Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.0	38-132	3.03	20	
'urrogate: n-Nonane	46.3		50.0		92.6	50-200			



Analyst: JM

Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Number:	Cotton Draw Unit 25 CTB 21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

Anions by	EPA 300.0/9056A
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Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430053-BLK1)							Prepared: 07	7/24/24 Ai	nalyzed: 07/24/24
Chloride	ND	20.0							
LCS (2430053-BS1)							Prepared: 07	7/24/24 A	nalyzed: 07/24/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2430053-MS1)				Source:	E407176-0)5	Prepared: 07	7/24/24 A	nalyzed: 07/24/24
Chloride	271	20.0	250	ND	109	80-120			
Matrix Spike Dup (2430053-MSD1)				Source:	E407176-0)5	Prepared: 07	7/24/24 A	nalyzed: 07/24/24
Chloride	273	20.0	250	ND	109	80-120	0.541	20	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	7/30/2024 3:27:58PM

Anions by EPA 300.0/9056A								Analyst: JM		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2430080-BLK1)]	Prepared: 0	7/24/24 Anal	yzed: 07/24/24	
Chloride	ND	20.0								
LCS (2430080-BS1)						1	Prepared: 0	7/24/24 Analy	yzed: 07/24/24	
Chloride	251	20.0	250		100	90-110				

Matrix Spike (2430080-MS1)				Source:	E407183-0	7	Prepared: 07	/24/24 Analyzed: 07/24/24	
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2430080-MSD1)				Source:	E407183-0	7	Prepared: 07	/24/24 Analyzed: 07/24/24	

Chloride

QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Cotton Draw Ui 21064-0001	nit 25 CTB	1			Reported:
Plains TX, 79355-0247		Project Manager	: "	Tom Bynum					7/30/2024 3:27:58PM
		Anions	by EPA	300.0/9056	A				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430113-BLK1)							Prepared: 0	7/25/24 A	analyzed: 07/25/24
Chloride	ND	20.0							
LCS (2430113-BS1)							Prepared: 0	7/25/24 A	analyzed: 07/25/24
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2430113-MS1)				Source:	E407196-	03	Prepared: 0	7/25/24 A	analyzed: 07/25/24
Chloride	490	20.0	250	268	88.6	80-120			
Matrix Spike Dup (2430113-MSD1)				Source:	E407196-	03	Prepared: 0	7/25/24 A	analyzed: 07/25/24

250

20.0

101

80-120

5.90

20

QC Summary Report Comment:

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	07/30/24 15:27

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client: Pima Environme	ental Serv	vices	Bill To				La	b Us	e Onl	ly			TAT		EPA Pi	rogram
Project: Cotton Draw			Attention: Devon Energy		Lab \	WO#				Number 5007	1D	2D	3D	Standard	CWA	SDW
Project Manager: Tom I			Address:		E4	150	83							X		
Address: 5614 N. Lovin			City, State, Zip						Analy	sis and Metho	d					RCR
City, State, Zip Hobbs,	NM. 8824	0	Phone:												Chata	
Phone: 806-782-1151			Email:		8015	8015		/ - /						NM CO	State UT AZ	TTVT
Email: tom@pimaoil.c Report due by:	om		Pima Project # 1-249-2 (nAB191	4946859)	yq C	yq C	3021	8260	010	300.0	Z	×		X	UI AZ	17
Time Date	No. of	S. J. ID		Lab	DRO/ORO by	GRO/DRO by	втех by 8021	VOC by 8	Metals 6010	Chloride 300.0	верос	200		~	Remarks	
Sampled Sampled Matrix	Container	Sample ID		Number	DRC	GRC	вте	NOC	Me	ਤੌਂ	BGE	ВСБОС			Kemarks	
12:33 7/22 S	1	A9-Surface		l							Х					
12:39 (A9-1'		2												
2:45		A9-2'		3												
2:56		A9-3'		4												
2:59		A9-4'		5							П					
1:04		A10-Surface	in the second se	6							П					
210		A10-1'		7												
:17		A10-2'		8												
1:26		A10-3'		9							П					
1-33		A10-4'		10							П					
Additional Instructions:	10/01	rk Order/Billing:	21210207									-1	J			
75.11					-1	-0.			Sample	es requiring thermal	nreserv	ation m	ist he rece	eived on ice the day	they are samn	led or re
(field sampler), attest to the valid late or time of collection is consid			m aware that tampering with or intentionally mislab al action. Sampled by:	elling the sampl	e locatio	on,			Age of the same	I in ice at an avg tem						104 07 10
Relinguished by: (Signature)	, Dat			Date	211	Time	20			*		ab U	se Onl	У		
luvine Ho	te me	123/29 1:0	Received by (Signature) Wichelle Gonzale	8 7.23.	24	1	324	2	Rece	eived on ice:	6	Y) N	1			
Relinquished by: (Signature)	Dat		Received by: (Signature)	Date		Time					444			64		
Michelle Gonz		main-time-time-time-time-time-time-time-time	45 (1.4.	7.23	·M		715	>	<u>T1</u>		<u>T2</u>	-	_	<u>T3</u>		
Relinquished by: (Signature)	Dat		Received by: (Signature)	Date		Time	-			0-1	1					
A.M.	7	.23.24 25	30 Keylyt R Hall	7-24-			500			Temp °C astic, ag - amb						

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Released to Imaging: 9/19/2024 2:37:30 PM

Client: P	ima Envi	ironmen	tal Servi	ces		Bill To				La	ab Us	e On	ly				TA	T	EPA	Program
Project:	Cotton	Draw Ur	nit 25 C7		Atter			Lab	WO#	1		Job I	Num	ber	1D	2D	3D	Standa	rd CWA	SDWA
	lanager:				Addr			E4	FO	183		_	_	60007				X		
	5614 N.					State, Zip						Analy	sis ar	d Metho	d					RCRA
	e, Zip Ho		M. 88240)	Phor			13		1										
	306-782-				Ema	l:		015	8015									11111	State	
Email: 1 Report d	tom@pin ue bv:	naoil.cor	n		Pim	a Project # 1-249-2 (nAB191	1946859)	O by 8	0 by 8	8021	3260	010	300.0		Z	×		X	CO UT A	XZ TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	Верос			Remai	ks
1:39	7/22	S	1	A11-Surface			11								Х					
1:40	1			A11-1'			12													
1:46				A11-2'			13													
1:50				A11-3'			14													II-
1:58				A11-4'			15													
2:06				AW1-Comp			16													
2:11				AW2-Comp			17													
2:21				AW3-Comp			18								Ш					
2:26	1			AW4-Comp			19													The state of the s
2:33	l			AW5-Comp	1 - 1 - 1 - 1		20												wip and the same of the same o	
Addition	al Instruc	tions:	Work	Corder/Billing: 2	212103	07														
	-0.00			icity of this sample. I ar may be grounds for lega		at tampering with or intentionally mislabe Sampled by:	lling the sample	locati	ion,			2 . 3000 . 400						ceived on ice to o°C on subseq	and the same of the same of	mpled or received
Yerr	ed by: (Signa	ton	ne 7	123/24 Time	lle	Received by: (Signature) Wichelle Gonzales	7-27-	14		320	e	Rece	eived	on ice:		ab U	se On	ly		
	ed by: (Signatelle		les Date	23.24 Time	45	Received by: (Signature)	7.23	.24		71	5	T1			<u>T2</u>			<u>T3</u>)	
RelingOshe	ed by: (Signa	ature)	Date	13.24 Time	30	Received by: (Signature)	7-24-	24	Time			AVG	Ten	np °C L	1					

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



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

WA	ogram SDWA
	RCRA
AZ	TX
marks	

Client: Pir	na Envi	ronment	al Service	ces	Bill To				La	b Us	e Onl	٧			TA	T	EPA P	rogram
Project:	Cotton [Draw Un	it 25 CT		Attention: Devon Energy		Lab	WO#			Job N	lumber	1D	2D	3D	Standard	CWA	SDW
Project M					Address:		FL	1071	83			058-0007	4			X		
Address:					City, State, Zip		-				Analy	sis and Metho	d	-				RCR
City, State Phone: 8			1, 88240		Phone:		10	10									State	L
Email: to	om@nim	aoil.com	1		Email:		801	801				0				NMI CO		TX
Report du			-		Pima Project # 1-249-2 (nAB1	914946859)	O by	0 by	8021	3260	010	300	Z	×		X	- T	1
Time	Date	Matrix	No. of	Sample ID		Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	верос	BGDOC			Remarks	
Sampled	Sampled.		Containers	Sumple to		Numbe	DR	GR	ВТ	9	ž	5	BG	BG				
2:36	7/22	S	1	AW6-Comp		21							X					
2:44	1			AW7-Comp		22												
				and the second s														
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			and the same of th															
													+					
	Wastern Street		N. Transport															
Additiona	Instruct	ions:	Work	Order/Billing:	21210307													
(field sample	er) attest to	the validity a			n aware that tampering with or intentionally mis	abelling the same	le locati	ion.			Sample	s requiring thermal	preserv	ation m	ust be rec	ceived on ice the day	they are samp	led or rea
and the control of				nay be grounds for lega	The state of the s						packed	in ice at an avg tem	ip above	0 but le	ess than 6	5 °C on subsequent d	ıys.	
Relinguished	by: (Signa	tyre) _/		h2 h// Time	Received by: (Signature)	Date		Time	3 5 .						se On	ly		
1 Cerry	me 1	Jane	e 11	WK4 1.6	Il Michelle Gonza		-14		324	0	Rece	eived on ice:	(1 /0	1			
Relinquished	by: (Signa	ture)	Date	23-24 Time	Received by: (Signature)	Date	2.1	Time	71	<	T1		тэ			тэ		
Relinguished			Date		Received by: (Signature)	7.1.7 Date	1.64	Time	11	ے	<u>T1</u>		<u>T2</u>			<u>T3</u>		
V	U			23.24 23		7-24	711		Text	2	AVG	Temp °C	4					
	/ (.		Sludge, A - A	17.67	JULY IN IN IT ITUU							astic, ag - amb	-					



Printed: 7/24/2024 10:16:38AM

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:	07/24/24	05:00	Work Order ID:	E407183
Phone:	(575) 631-6977	Date Logged In:	07/23/24	15:48	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	07/30/24	17:00 (4 day TAT)		
Chain of 1. Does th 2. Does th 3. Were si 4. Was the 5. Were a Sample T 6. Did the Sample C 7. Was a s	Custody (COC) ne sample ID match the COC? ne number of samples per sampling site location manapples dropped off by client or carrier? ne COC complete, i.e., signatures, dates/times, requestll 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 disucssiturn Around Time (TAT) ne COC indicate standard TAT, or Expedited TAT?	tch the COC sted analyses?	Yes Yes Yes Yes Yes Yes Yes Yes Yes	17:00 (4 day TAT) Carrier: C	Comments. Cotton Draw Unit 25 CT separated into multiple V sample volume. WO are	B has been VO due to high
	e sample(s) received intact, i.e., not broken?		Yes		E407181-E407183. Nam	-
	custody/security seals present?		No		missing in COC by clien	_
	were custody/security seals intact?				#18 & 20 were empty. E	mailed client and
12. Was th	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	NA Yes <u>C</u>		will send more sample.	
Sample C	Container_					
14. Are a	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers	?	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
Sa D	oel field sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes No			
Sample P	reservation_					
21. Does	the COC or field labels indicate the samples were pr	reserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA			
28. Are sa	act Laboratory amples required to get sent to a subcontract laborato subcontract laboratory specified by the client and it	•	No NA	Subcontract Lab	: NA	
Client Ir	<u>istruction</u>					

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

Date

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 Unit 25 CTB

Work Order: E408220

Job Number: 01058-0007

Received: 8/27/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/27/24

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

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

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

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

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

Date Reported: 8/27/24

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Cotton Draw Unit 25 CTB

Workorder: E408220

Date Received: 8/27/2024 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/27/2024 5:00:00AM, under the Project Name: Cotton Draw Unit 25 CTB.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 25 CTB 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 25 CTB	Donoutoda
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/27/24 15:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-1'	E408220-01A	Soil	08/23/24	08/27/24	Glass Jar, 2 oz.
CS2-1'	E408220-02A	Soil	08/23/24	08/27/24	Glass Jar, 2 oz.
CS3-2'	E408220-03A	Soil	08/23/24	08/27/24	Glass Jar, 2 oz.
CS4-2'	E408220-04A	Soil	08/23/24	08/27/24	Glass Jar, 2 oz.
CS5-1.5'	E408220-05A	Soil	08/23/24	08/27/24	Glass Jar, 2 oz.
CSW1-1'	E408220-06A	Soil	08/23/24	08/27/24	Glass Jar, 2 oz.
CSW2-2'	E408220-07A	Soil	08/23/24	08/27/24	Glass Jar, 2 oz.
CSW3-1.5'	E408220-08A	Soil	08/23/24	08/27/24	Glass Jar, 2 oz.



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/27/2024 3:46:11PM

CS1-1' E408220-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435027
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435027
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2435025
Diesel Range Organics (C10-C28)	92.6	25.0	1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/27/24	
Surrogate: n-Nonane		77.3 %	50-200	08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2435026
Chloride	36.5	20.0	1	08/27/24	08/27/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/27/2024 3:46:11PM

CS2-1'

E408220-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435027
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435027
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		100 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2435025
Diesel Range Organics (C10-C28)	272	25.0	1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	101	50.0	1	08/27/24	08/27/24	
Surrogate: n-Nonane		71.2 %	50-200	08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2435026
	59.9	20.0		08/27/24	08/27/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/27/2024 3:46:11PM

CS3-2'

E408220-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435027
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435027
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.1 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2435025
Diesel Range Organics (C10-C28)	362	25.0	1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	161	50.0	1	08/27/24	08/27/24	
Surrogate: n-Nonane		76.8 %	50-200	08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2435026
<u> </u>	42.1	20.0		08/27/24	08/27/24	

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/27/2024 3:46:11PM

CS4-2'

T- 400	220	Λ.
E408	42U-	·U4

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2435027
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2435027
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2435025
Diesel Range Organics (C10-C28)	184	25.0	1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	70.4	50.0	1	08/27/24	08/27/24	
Surrogate: n-Nonane		89.7 %	50-200	08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2435026
Chloride	34.0	20.0	1	08/27/24	08/27/24	•



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/27/2024 3:46:11PM

CS5-1.5'

		E408220-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2435027
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435027
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2435025
Diesel Range Organics (C10-C28)	307	25.0	1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	126	50.0	1	08/27/24	08/27/24	
Surrogate: n-Nonane		88.0 %	50-200	08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2435026
Chloride	38.2	20.0	1	08/27/24	08/27/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/27/2024 3:46:11PM

CSW1-1' E408220-06

		E400220-00				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
				1	,	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2435027
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2435027
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2435025
Diesel Range Organics (C10-C28)	353	25.0	1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	159	50.0	1	08/27/24	08/27/24	
Surrogate: n-Nonane		90.3 %	50-200	08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2435026
Chloride	40.1	20.0	1	08/27/24	08/27/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/27/2024 3:46:11PM

CSW2-2'

E408220-07						
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2435027
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2435027
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2435025
Diesel Range Organics (C10-C28)	485	25.0	1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	193	50.0	1	08/27/24	08/27/24	
Surrogate: n-Nonane		84.1 %	50-200	08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2435026
Chloride	38.5	20.0	1	08/27/24	08/27/24	



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/27/2024 3:46:11PM

CSW3-1.5'

		E408220-08				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2435027
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2435027
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2435025
Diesel Range Organics (C10-C28)	312	25.0	1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	130	50.0	1	08/27/24	08/27/24	
Surrogate: n-Nonane		84.4 %	50-200	08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2435026
Chloride	41.1	20.0	1	08/27/24	08/27/24	



Cotton Draw Unit 25 CTB Pima Environmental Services-Carlsbad Project Name: Reported: PO Box 247 Project Number: 01058-0007 Plains TX, 79355-0247 Project Manager: Tom Bynum 8/27/2024 3:46:11PM **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 (2435027-BLK1) Prepared: 08/27/24 Analyzed: 08/27/24 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 7.17 8.00 89.6 70-130 LCS (2435027-BS1) Prepared: 08/27/24 Analyzed: 08/27/24 4.88 5.00 97.5 70-130 Benzene 0.0250 Ethylbenzene 4.96 0.0250 5.00 99.1 70-130 4.98 0.0250 5.00 99.5 70-130 Toluene 98.9 o-Xylene 4.95 0.0250 5.00 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 100 70-130 15.0 15.0 Total Xylenes 0.0250 8.00 89.4 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.15 Matrix Spike (2435027-MS1) Source: E408219-01 Prepared: 08/27/24 Analyzed: 08/27/24 4.84 0.0250 5.00 ND 96.9 54-133 Benzene ND 98.2 61-133 Ethylbenzene 4.91 0.0250 5.00 Toluene 4.94 0.0250 5.00 ND 98.7 61-130 4.90 ND 98.0 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.97 0.0500 10.0 ND 99.7 63-131 14.9 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.24 8.00 Matrix Spike Dup (2435027-MSD1) Source: E408219-01 Prepared: 08/27/24 Analyzed: 08/27/24 4.85 0.0250 5.00 ND 54-133 0.0351 20 61-133 0.572 4.94 0.0250 5.00 ND 98.8 20 Ethylbenzene 61-130 Toluene 4 96 0.0250 5.00 ND 99.2 0 449 20 4.92 5.00 ND 98.5 63-131 0.507 20 o-Xylene 0.0250 0.517 10.0 10.0 ND 100 63-131 20 p,m-Xylene 0.0500



15.0

7.27

0.0250

15.0

8.00

ND

99.7

90.8

63-131

70-130

0.514

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	Reported:
PO Box 247	Project Number:	01058-0007	-
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/27/2024 3:46:11PM

Plains TX, 79355-0247		Project Manage	r: To	m Bynum					8/27/2024 3:46:11PM
	Noi	nhalogenated	Organics	by EPA 80	15D - G	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 (2435027-BLK1)							Prepared: 0	8/27/24 <i>E</i>	Analyzed: 08/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			
LCS (2435027-BS2)							Prepared: 0	8/27/24 A	Analyzed: 08/27/24
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			
Matrix Spike (2435027-MS2)				Source:	E408219-	01	Prepared: 0	8/27/24 A	Analyzed: 08/27/24
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			
Matrix Spike Dup (2435027-MSD2)				Source:	E408219-	01	Prepared: 0	8/27/24 A	Analyzed: 08/27/24
Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.6	70-130	0.429	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	Reported:
PO Box 247	Project Number:	01058-0007	•
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/27/2024 3:46:11PM

Plains TX, 79355-0247		Project Manager	r: To	m Bynum					8/27/2024 3:46:11PM
	Nonhal	ogenated Or	ganics by	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 (2435025-BLK1)							Prepared: 0	8/27/24 <i>A</i>	Analyzed: 08/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.6		50.0		85.2	50-200			
LCS (2435025-BS1)							Prepared: 0	8/27/24 A	Analyzed: 08/27/24
Diesel Range Organics (C10-C28)	191	25.0	250		76.6	38-132			
Surrogate: n-Nonane	43.6		50.0		87.1	50-200			
LCS Dup (2435025-BSD1)							Prepared: 0	8/27/24 A	Analyzed: 08/27/24
Diesel Range Organics (C10-C28)	194	25.0	250		77.7	38-132	1.40	20	
Surrogate: n-Nonane	42.2		50.0		84.4	50-200			



Pima Environmental Services-Carlsbac	1	Project Name: Project Number:		Cotton Draw U: 01058-0007	nit 25 CTB				Reported:
Plains TX, 79355-0247	3								
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2435026-BLK1)							Prepared: ()8/27/24 A	.nalyzed: 08/27/24
Chloride	ND	20.0					Trepured.	70/2//24 11	mary 200. 00/2//24
LCS (2435026-BS1)							Prepared: (08/27/24 A	nalyzed: 08/27/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2435026-MS1)				Source:	E408220-0)2	Prepared: (08/27/24 A	nalyzed: 08/27/24
Chloride	309	20.0	250	59.9	99.5	80-120			
Matrix Spike Dup (2435026-MSD1)				Source:	E408220-0)2	Prepared: (08/27/24 A	nalyzed: 08/27/24
Chloride	314	20.0	250	59.9	102	80-120	1.73	20	

QC Summary Report Comment:

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/27/24 15:46

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.



Polonso	Project Information
to I	Client: Pima Envir
	Project: Cotton D
2.	Project Manager: T
9	Address: 5614 N. L
0	City, State, Zip Hol
-	mi 000 700 4

Chain	of	Custody
Citalii	01	custouy

Page 1	of 1
Tuge I	

Trotect Manager: Tom Byrum diverses: 561 Ab. Lovington Hely. Through State Zib Phone: Binal: Imal: Im	Client: Pima E	Environn	nent	al Servi	ces		Bill To		Lab Use Only				TAT			EPA Program					
Liddress: 5614 N. Lovington Hwy. Thomas: B06-782-1151 Pima Project # 1-249-2 (nAB1914946859) Pima Project # 1-249-2 (nAB191					В	Att	ention: Devon Energy		Lab	WO#	‡					1D 2D 3D Standard		CWA	SDWA		
City, State, Zin - Hobbs, NM, 88240 Phone: B067-82-151 Imali: Dable State State												0	olos	58-01	100	X					
Pinner Bio G-782-1151 Finall: Ion (Gibb) moult Commission Pinner Project # 1-249-2 (nAB1914948859) Pinner Project # 1-249-2 (nAB191494859) Pinner Projec	Address: 5614	4 N. Lovi	ingto	on Hwy.		City, State, Zip										d					RCRA
imali: form@pimaali.com Pima Project # 1-249-2 (nAB1914948859) Septembrio due by: Remarks Remarks	City, State, Zip	Hobbs	NN.	1. 88240)	Ph	one:			1											
Pima Project # 1-249-2 (nAB1914946869) Pima P				· · · · · · · · · · · · · · · · · · ·	11111111111111111111111111111111111111	Em	ail:		115	115	1		1 1								
A 30 8/23/24 S 1 CS1-11			.con	n		Di	no Draiget # 1-249-2 (pAB1	01/0/6850)	3 80	34 80	21	0	0	0.0		Σ			NM CO	UT AZ	TX
A 30 8/23/24 S 1 CS1-11	Report due by:	:				PI	na Project # 1-249-2 (NAB1	9 14940009)	80	ROL	V 80	826	601	e 30			¥		X		
CS2-11 CS3-22 CS4-22 V CS5-1.55 CSW1-11 CSW2-22 CSW3-1.55 CSW3-1.55 CSW3-1.55 Samples to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, samples with a continued to consider the sample of the continued to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, samples with a continued to continue the continued and may be growed for legal action. Samples requiring thermal provincial must be received on ice the day they are sampled or receive are of time of all the continued to continued to continue the continued to the continued to continued to continue the continued to the continued to continue the continued to the continued to continued to continue the continued to the continued to continue the continued to the continued to continue the continue that		Mat	ríx		Sample ID				DRO/O	GRO/D	втех ь	VOC by	Metals	Chlorid		верос	верос		Remarks		
CS3-2' CS4-2' US-12 CS5-1.5' Single Sequence of the sample (action) CSW2-2' CSW3-1.5' Single Sequence of the sample (action) CSW3-1.5' Single Sequence of the sample (action) Single Sequence of the sample Sequence of the sample (action) Single Sequence of the sample Sequence of the	9:30 8/23/2	24 S	a 1	1	CS1-1'			1				,				Х					
CS4-2: CS4-2: CS5-1.5' CSW1-1' CSW2-2' CSW3-1.5' CSW3-	9:37				CS2-1'			2													
CSS-1.5' 6:16 CSW1-1' CSW2-2' CSW3-1.5' 8 CSW3-1.5' CSW3-1.	9:43				CS3-2'			3													
Additional Instructions: Work Order/Billing: 21210307 (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, samples requiring thermal preservation must be received on ice the day they are sampled or receive at or time of collection is considered fraud and may be grounds for legal action. Samples day: Samples requiring thermal preservation must be received on ice the day they are sampled or receive at or time of collection is considered fraud and may be grounds for legal action. Samples day: Samples requiring thermal preservation must be received on ice the day they are sampled or receive at or time of collection is considered fraud and may be grounds for legal action. Samples day: Samples requiring thermal preservation must be received on ice the day they are sampled or receive action in the day they are sampled or receive action in the sample for the sample for a receive action in the day they are sampled or receive action in the day they are sampled or receive action in the day they are sampled or receive action in the day they are sampled or receive action in the day they are sampled or receive action in the day they are sampled or receive action in the day they are sampled or receive action. Samples day: Samples requiring thermal preservation must be received in ice the day they are sampled or receive action. Samples requiring thermal preservation must be received in ice the analysis of the above action. Samples requiring thermal preservation must be received in ice the analysis of the above action. Samples requiring thermal preservation must be received in ice the analysis of the above action. Samples requiring thermal preservation must be received in ice the analysis of the above action. Samples requiring thermal preservation must be received in ice the analysis of the above action. Samples requiring thermal preservation must be received in ice the analysis of the above action. Samples req	9:54				CS4-2'			4													
CSW2-2' CSW3-1.5' CSW3-1.5' CSW3-1.5' CSW3-1.5' CSW3-1.5' CSW3-1.5' CSW3-1.5' CSW3-1.5' CSW3-1.5' Samples requiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Samples requiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Samples requiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Samples have been contained by: Samples requiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Samples have been contained by: Samples requiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Samples have been contained by: Samples veguiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Samples have been contained by: Samples veguiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Samples have been contained by: Samples veguiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Samples veguiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Samples veguiring thermal preservation must be received on ice the day they are sampled or received and the ice at an avg temp above 0 but less than 6 °C on subsequent days. Samples veguir	10:12				CS5-1.5'			5													
CSW3-1.5' Work Order/Billing: 21210307 (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, samples requiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6°C on subsequent days. Time Sampled by: T	10:16				CSW1-1'			6													
Additional Instructions: Work Order/Billing: 21210307 (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, attention is considered fraud and may be grounds for legal action. Sampled by: Samples requiring thermal preservation must be received on ice the day they are sampled or receive packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Received by: (Signature) Lab Use Only Received on ice: N Samples requiring thermal preservation must be received on ice the day they are sampled or received and may be grounds for legal action. Sampled by: Samples requiring thermal preservation must be received on ice the day they are sampled or received and may be grounds for legal action. Sampled by: Samples requiring thermal preservation must be received on ice the day they are sampled or received and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received and and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received and and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received and excellent and and the received days. Samples requiring thermal preservation must be received on ice the day they are sampled or received and excellent and and the received days. Samples requiring thermal preservation must be received on ice the day they are sampled or received and excellent and and the received days. Samples requiring thermal preservation must be received on ice the day they are sampled or received and excellent and and the received days. Samples requiring thermal preservation must be received and excellent and they are sampled or received and excellent and and them to the day they are sampled or received and excellent and and the received days. Samples requi	10:23				CSW2-2'			7													
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Received by: (Signature) Lab Use Only Received by: (Signature) Lab Use Only Received on ice: Note: Image: Received by: (Signature) Date Time Date Time Date Time Received by: (Signature) Date Time Received on ice: Y N N Table To a substitute of the analysis of the above	Alternative Control			and authent	icity of this sample. I	am aware	hat tampering with or intentionally misl	labelling the sample	locati	on,											ed or received
Time B-16-14 Time	A COLUMN TO A COLU		uerec	Carried a Section of		sai action.	AL THRUTE CO. L. C.	Date		Time						1	ah H	se Only	V		-
Received by: (Signature) B-26.14 B-27.24 B-27	Karime	Adar		8	26/24 15	,25		0	-24	15	525	5	Rece	ived o	ı ice:		400000		,		
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above			zal	-		35	L.M.	8.26.	24	17	745	S	<u>T1 </u>								
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Relinguished by: (Signature)				345	Received by: (Signature)		24	71100	500	Ò	AVG	Temp	°c	1					
				Sludge, A - A	queous, O - Other			Containe	г Тур	e: g - p	glass,	p - p	oly/pla	stic, ag	- amb						
amples 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															the clie	nt exp	ense.	The re	port for the an	alysis of the	above



Printed: 8/27/2024 10:03:29AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	08/27/24 06	i:00	Work Order	r ID:	E408220
Phone:	(575) 631-6977	Date Logged In:	08/26/24 16	i:41	Logged In 1	By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	08/27/24 17	7:00 (0 day TAT)	60	•	
Chain of	Custody (COC)						
1. Does tl	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>'ourier</u>		
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes				
5. Were a	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 disucssic		Yes		<u>Con</u>	ımen	ts/Resolution
Sample T	Turn Around Time (TAT)						
	e COC indicate standard TAT, or Expedited TAT?		Yes		Sampled by name i	s mi	ssing on COC by
Sample C	<u>Cooler</u>				client.		
7. Was a	sample cooler received?		Yes		Samples are missin	g tir	ne and collectors
8. If yes,	was cooler received in good condition?		Yes		initial.	_	
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	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				
Sample (<u>Container</u>	_					
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers?	•	Yes				
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lal							
	field sample labels filled out with the minimum info	rmation:	Vos				
	ample ID? late/Time Collected?		Yes No	Į.			
	ollectors name?		No				
Sample F	Preservation_						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborator	ry?	No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA S	Subcontract Lab	: NA		
Client Iı	<u>ıstruction</u>						

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

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
		MPANY NAME - Cotton Draw 25 CTB - nAB1914946859						
Date: 7/22/24		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
A1-Surface	0'	ND	ND	ND	ND	ND	0	ND
A1-1'	1'	ND	ND	ND	ND	ND	0	ND
A1-2'	2'	ND	ND	ND	ND	ND	0	ND
A1-3'	3'	ND	ND	ND	ND	ND	0	ND
A1-4'	4'	ND	ND	ND	369	488	857	ND
A2-Surface	0'	ND	ND	ND	ND	ND	0	ND
A2-1'	1'	ND	ND	ND	ND	ND	0	ND
A2-2'	2'	ND	ND	ND	ND	ND	0	ND
A2-3'	3'	ND	ND	ND	ND	ND	0	ND
A2-4'	4'	ND	ND	ND	ND	ND	0	ND
A3-Surface	0'	ND	ND	ND	ND	ND	0	ND
A3-1'	1'	ND	ND	ND	66.9	77.3	144.2	ND
A3-2'	2'	ND	ND	ND	ND	ND	0	161
A3-3'	3'	ND	ND	ND	ND	ND	0	227
A3-4'	4'	ND	ND	ND	ND	ND	0	242
A4-Surface	0'	ND	ND	ND	ND	ND	0	ND
A4-1'	1'	ND	ND	ND	ND	ND	0	ND
A4-2'	2'	ND	ND	ND	ND	ND	0	ND
A4-3'	3'	ND	ND	ND	ND	ND	0	ND
A4-4'	4'	ND	ND	ND	ND	ND	0	ND
A5-Surface	0'	ND	ND	ND	ND	ND	0	ND
A5-1'	1'	ND	ND	ND	ND	ND	0	118
A5-2'	2'	ND	ND	ND	ND	ND	0	362
A5-3'	3'	ND	ND	ND	ND	ND	0	363
A5-4'	4'	ND	ND	ND	ND	ND	0	152
A6-Surface	0'	ND	ND	ND	318	442	760	ND
A6-1'	1'	ND	ND	ND	ND	ND	0	45.6
A6-2'	2'	ND	ND	ND	ND	ND	0	46.2
A6-3'	3'	ND	ND	ND	ND	ND	0	24.1
A6-4'	4'	ND	ND	ND	ND	ND	0	ND
A7-Surface	0'	ND	ND	ND	2280	1160	3440	70.1
A7-1'	1'	ND	ND	ND	916	611	1527	40.8
A7-2'	2'	ND	ND	ND	ND	ND	0	37.6
A7-3'	3'	ND	ND	ND	ND	ND	0	37.3
A7-4'	4'	ND	ND	ND	ND	ND	0	48.4
A8-Surface	0'	ND	ND	ND	990	677	1667	ND
A8-1'	1'	ND	ND	ND	ND	ND	0	86.8
A8-2'	2'	ND	ND	ND	ND	ND	0	83.9
A8-3'	3'	ND	ND	ND	ND	ND	0	35.6
A8-4'	4'	ND	ND	ND	ND	ND	0	65.1

Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
A9-Surface	0'	ND	ND	ND	1960	893	2853	32.4
A9-1'	1'	ND	ND	ND	2350	784	3134	35.6
A9-2'	2'	ND	ND	ND	ND	ND	0	69.4
A9-3'	3'	ND	ND	ND	ND	ND	0	62.6
A9-4'	4'	ND	ND	ND	ND	ND	0	ND
A10-Surface	0'	ND	ND	ND	ND	ND	0	ND
A10-1'	1'	ND	ND	ND	ND	ND	0	ND
A10-2'	2'	ND	ND	ND	ND	ND	0	ND
A10-3'	3'	ND	ND	ND	ND	ND	0	ND
A10-4'	4'	ND	ND	ND	ND	ND	0	ND
A11-Surface	0'	ND	ND	ND	ND	ND	0	ND
A11-1'	1'	ND	ND	ND	ND	ND	0	ND
A11-2'	2'	ND	ND	ND	ND	ND	0	ND
A11-3'	3'	ND	ND	ND	ND	ND	0	ND
A11-4'	4'	ND	ND	ND	ND	ND	0	ND
AW1-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
AW2-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
AW3-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
AW4-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
AW5-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
AW6-Comp	0-4'	ND	ND	ND	ND	ND	0	ND
AW7-Comp	0-4'	ND	ND	ND	ND	ND	0	ND

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

QUESTIONS

Action 380648

QUESTIONS

Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	380648	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites			
Incident ID (n#)	nAB1914946859		
Incident Name	NAB1914946859 COTTON DRAW UNIT 25 CTB @ 0		
Incident Type	Oil Release		
Incident Status	Remediation Closure Report Received		
Incident Facility	[fAB1914946398] COTTON DRAW UNIT 25 CTB		

Location of Release Source				
Please answer all the questions in this group.				
Site Name	COTTON DRAW UNIT 25 CTB			
Date Release Discovered	02/21/2019			
Surface Owner	Federal			

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

lature and Volume of Release	
flaterial(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Water Tank Crude Oil Released: 296 BBL Recovered: 210 BBL Lost: 86 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

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 380648

Phone:(505) 476-3470 Fax:(505) 476-3462		
QUEST	ΠONS (continued)	
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 380648 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
QUESTIONS	, , , , , , , , , , , , , , , , , , , ,	
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	
Initial Response		
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.	
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
	diation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of eted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required eases which may endanger public health or the environment. The acceptance of a C-141 report by a dequately investigate and remediate contamination that pose a threat to groundwater, surface out does not relieve the operator of responsibility for compliance with any other federal, state, or	
<u> </u>	Name: Dale Woodall	

Title: EHS Professional

Date: 09/04/2024

Email: Dale.Woodall@dvn.com

I hereby agree and sign off to the above statement

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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 3

Action 380648

QUESTIONS (continued)

Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	380648	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization				
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.				
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)			
What method was used to determine the depth to ground water	NM OSE iWaters Database Search			
Did this release impact groundwater or surface water	No			
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:			
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)			
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)			
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)			
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)			
Any other fresh water well or spring	Between ½ and 1 (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 provide	led 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 contami	ination 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, i	in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	59.9
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	678
GRO+DRO (EPA SW-846 Method 8015M)	485
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 com which includes the anticipated timelines for beginning and completing the remediation.	pleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	08/21/2024
On what date will (or did) the final sampling or liner inspection occur	08/23/2024
On what date will (or was) the remediation complete(d)	08/29/2024
What is the estimated surface area (in square feet) that will be reclaimed	1000
What is the estimated volume (in cubic yards) that will be reclaimed	55
What is the estimated surface area (in square feet) that will be remediated	1000
What is the estimated volume (in cubic yards) that will be remediated	55
These estimated dates and measurements are recognized to be the best guess or calculation	n 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 adjuste	ed in accordance with the physical realities encountered during remediation. If the responsible party has any need to

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

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QUESTIONS, Page 4

Action 380648

QUESTIONS (continued)

Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	380648	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [fEEM0112340644]	
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.	

er 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.

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

I hereby agree and sign off to the above statement

Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 09/04/2024

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

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

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QUESTIONS, Page 5

Action 380648

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	380648
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

District I

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QUESTIONS, Page 6

Action 380648

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	380648
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	376056
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/23/2024
What was the (estimated) number of samples that were to be gathered	8
What was the sampling surface area in square feet	1000

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1000
What was the total volume (cubic yards) remediated	55
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1000
What was the total volume (in cubic yards) reclaimed	55
Summarize any additional remediation activities not included by answers (above)	see report

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

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

Name: Dale Woodall
Title: EHS Professional
Email: Dale.Woodall@dvn.com
Date: 09/04/2024

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QUESTIONS, Page 7

Action 380648

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	380648
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 380648

CONDITIONS

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CONDITIONS

Created E	By Condition	Condition Date
scwells	None	9/19/2024