

Volume calculator

There was no volume calculator prepared when the spill occurred.



**REMEDATION 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**  
**ULSTR – O – 25 – 24S – 31E 0 FNL 0 FEL Eddy County, NM**  
**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.

#### 8/23/24 Confirmation Soil Sample Results

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						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1-1'	1'	ND	ND	ND	92.6	ND	92.6	36.5
CS2-1'	1'	ND	ND	ND	272	101	373	59.9
CS3-2'	2'	ND	ND	ND	362	161	523	42.1
CS4-2'	2'	ND	ND	ND	184	70.4	254.4	34
CS5-1.5'	1.5'	ND	ND	ND	307	126	433	38.2
CSW1-1'	1'	ND	ND	ND	353	159	512	40.1
CSW2-2'	2'	ND	ND	ND	485	193	678	38.5
CSW3-1.5'	1.5'	ND	ND	ND	312	130	442	41.1

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@devon.com](mailto:dale.woodall@devon.com).

Pima Environmental Services – Tom Bynum at 580-748-1613 or [tom@pimaoil.com](mailto: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

# Cotton Draw Unit 25 CTB

Devon Energy  
Facility ID fAB1914946398  
Eddy County, NM  
nAB1914946859  
Location Map

## Legend


 Cotton Draw Unit 25 CTB



# Cotton Draw Unit 25 CTB

Devon Energy  
Facility ID fAB1914946398  
Eddy County, NM  
nAB1914946859  
Topographic Map

## Legend

 Cotton Draw Unit 25 CTB

25  
Cotton Draw Unit 25 CTB

Drill Hole

Tank

TRAIL

JEEP

Gravel Pit


Gravel Pit

Google Earth



Devon Energy  
Facility ID fAB1914946398  
Eddy County, NM  
nAB1914946859  
Karst Map

 Cotton Draw Unit 25 CTB

 Cotton Draw Unit 25 CTB

128

128

↑  
N

3 mi

# Google Earth

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						
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
S-1	1'	ND	ND	ND	ND	ND	0	63.6
	2'	ND	ND	ND	35.1	ND	35.1	ND
	3'	ND	ND	ND	90.5	65.3	155.8	ND
	4'	ND	ND	ND	132	101	233	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	28.2	ND	28.2	67
	2'	ND	ND	ND	ND	ND	0	ND
	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
S-3	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	58.2	ND	58.2	ND
	4'	ND	ND	ND	116	84.9	200.9	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	1390	729	2119	162
	2'	ND	ND	ND	63.7	55.1	118.8	ND
	3'	ND	ND	ND	73.1	ND	73.1	ND
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
	6'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	1780	818	2598	151
	2'	ND	ND	ND	102	98.1	200.1	ND
	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	0	ND
S-7	1'	ND	ND	ND	2020	935	2955	169
	2'	ND	ND	ND	64.9	63.2	128.1	ND
	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	0	ND
S-8	1'	ND	ND	ND	1950	1020	2970	166
	2'	ND	ND	ND	62.9	50.5	113.4	ND
	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
S-9	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	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	0	ND
S-10	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	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	0	ND
S-11	1'	ND	ND	ND	ND	ND	0	ND
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	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	0	ND
S-12	1'	ND	ND	ND	ND	ND	0	ND
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	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	0	ND
S-13	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	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	0	ND
S-14	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	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	0	ND
S-15	1'	ND	ND	ND	ND	ND	0	ND
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	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND






	5'	ND	ND	ND	ND	ND	0	ND
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	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	0	ND
S-17	1'	ND	ND	ND	ND	ND	0	ND
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	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	0	ND
S-18	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	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	0	ND
S-19	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	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	0	ND
S-20	1'	ND	ND	ND	ND	ND	0	ND
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	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	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	0-6'	ND	ND	ND	ND	ND	0	ND
SW15	0-6'	ND	ND	ND	ND	ND	0	ND

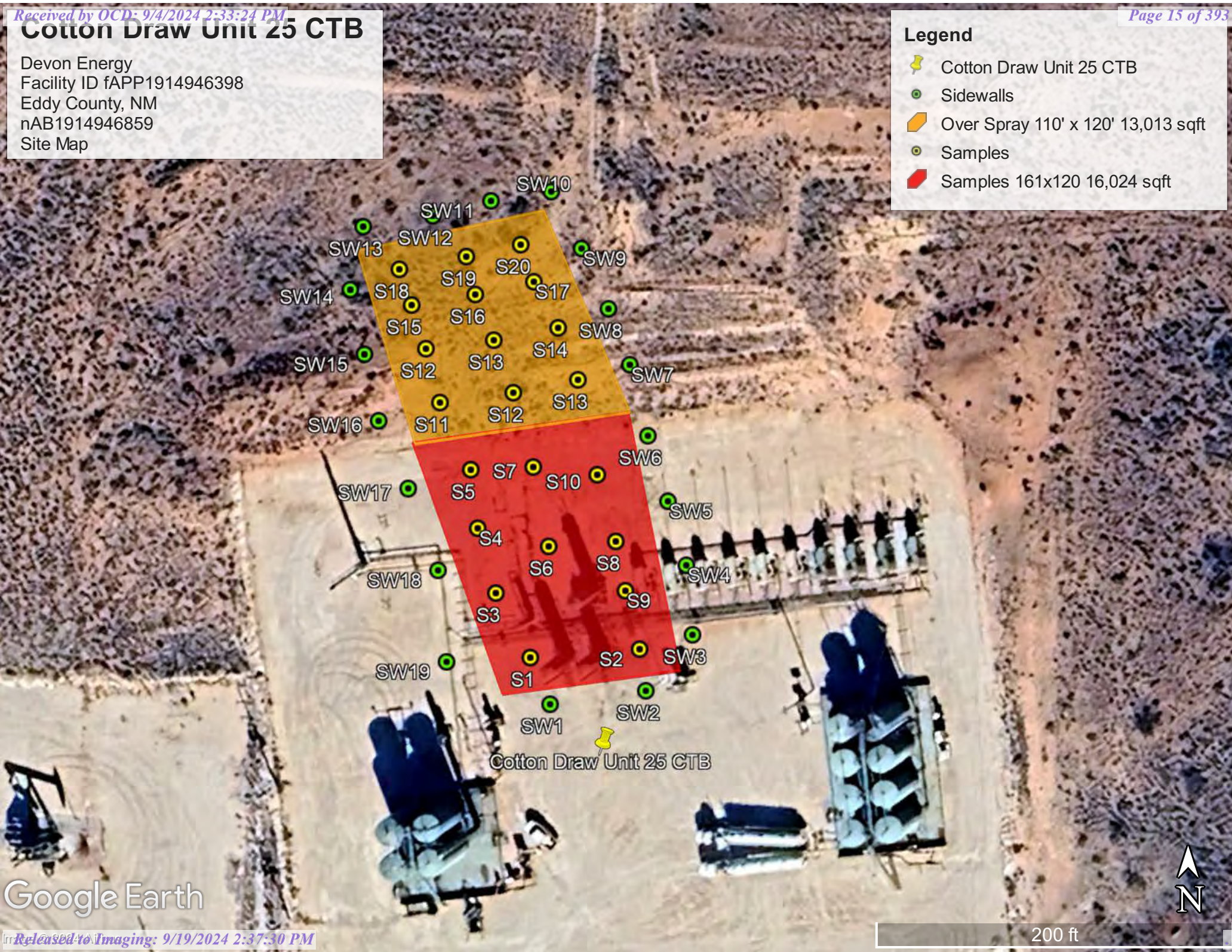
SW16	0-6'	ND	ND	ND	ND	ND	0	24.8
SW17	0-6'	ND	ND	ND	ND	ND	0	38.6
SW18	0-6'	ND	ND	ND	ND	ND	0	ND
SW19	0-6'	ND	ND	ND	ND	ND	0	ND

# Cotton Draw Unit 25 CTB

Devon Energy  
Facility ID fAPP1914946398  
Eddy County, NM  
nAB1914946859  
Site Map

## Legend

-  Cotton Draw Unit 25 CTB
-  Sidewalls
-  Over Spray 110' x 120' 13,013 sqft
-  Samples
-  Samples 161x120 16,024 sqft



Google Earth

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
COMPANY NAME - Cotton Draw 25 CTB - nAB1914946859								
Date: 5/23/24		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
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

# Cotton Draw Unit 25 CTB

Devon Energy  
Facility ID fAPP1914946398  
Eddy County, NM  
nAB1914946859  
Confirmation Sample Map

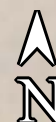
## Legend

- Composite confirmation samples
- S6 area - 200 sqft X 1' bgs
- S7 area - 200 sqft X 1' bgs
- S8 area - 200 sqft X 1' bgs



32.187661, -103.732198

Cotton Draw Unit 25 CTB



2000 ft

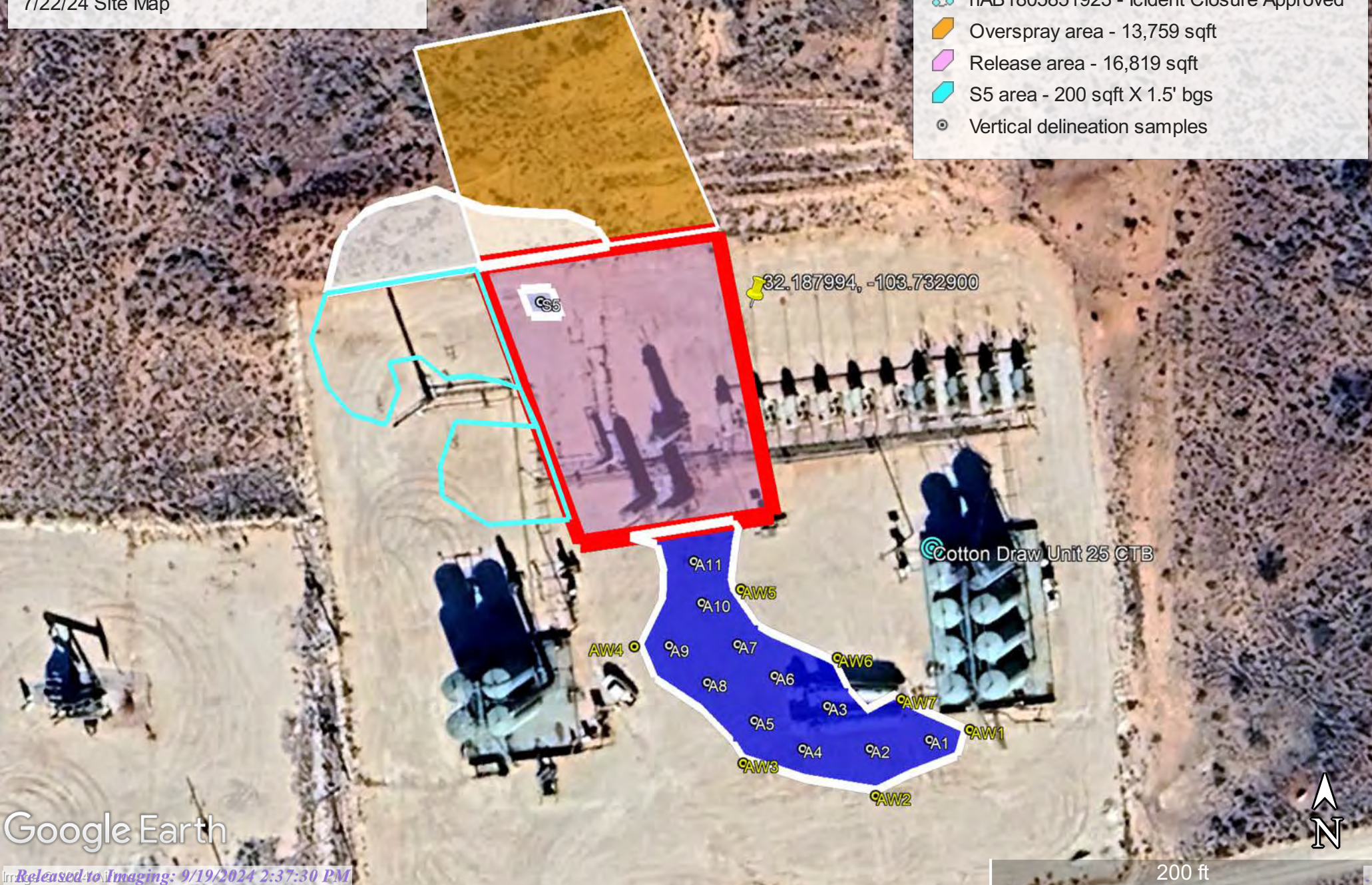
Google Earth

# Cotton Draw Unit 25 CTB

Devon Energy  
Facility ID fAB1914946398  
Eddy County, NM  
nAB1914946859  
7/22/24 Site Map

## Legend

- 2019 Excavation
- Horizontal delineation samples
- L1 - L3 area - 9,970 sqft
- nAB1805851923 - Incident Closure Approved
- Overspray area - 13,759 sqft
- Release area - 16,819 sqft
- S5 area - 200 sqft X 1.5' bgs
- Vertical delineation samples








Google Earth

## Cotton Draw Unit 25 CTB

Devon Energy  
Facility ID fAB1914946398  
Eddy County, NM  
nAB1914946859  
Confirmation Sample Map-2

### Legend

-  A7 area - 400 sqft - 1' excavation
-  A9 area - 400 sqft - 2' excavation
-  Confirmation base samples
-  Confirmation wall samples
-  S5 area - 200 sqft - 1.5' excavation



Google Earth

100 ft



## **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 Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec 25	Tws 24S	Rng 31E	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C 04636 POD1</a>		CUB	ED	3	4	3	25	24S	31E	619200	3561279	656			
<a href="#">C 04643 POD1</a>		C	ED	4	2	2	05	23S	27E	619200	3561279	656	305	135	170
<a href="#">C 04654 POD1</a>		CUB	ED	3	3	4	25	24S	31E	619764	3561226	692	55		
<a href="#">C 04665</a>		CUB	LE	1	1	2	30	24S	32E	621350	3562798	2075	120		
<a href="#">C 04633 POD1</a>		CUB	ED	2	1	1	35	24S	31E	617394	3561170	2213			
<a href="#">C 02572</a>		CUB	ED	4	2	2	02	25S	31E	618695	3559294*	2693	852		
<a href="#">C 04722 POD2</a>		CUB	LE	2	1	1	06	25S	32E	620808	3559499	2705	55		
<a href="#">C 02574</a>		CUB	ED	1	1	2	02	25S	31E	618092	3559494*	2755			
<a href="#">C 02571</a>		CUB	ED	4	1	2	02	25S	31E	618292	3559294*	2839	860		
<a href="#">C 04388 POD1</a>		C	ED	3	2	1	23	24S	31E	617546	3564006	2895	910	868	42
<a href="#">C 02573</a>		CUB	ED	1	4	2	02	25S	31E	618499	3559091*	2947			
<a href="#">C 02568</a>		CUB	ED	4	3	1	01	25S	31E	619103	3558892*	2999	1025		
<a href="#">C 04576 POD1</a>		CUB	ED	1	2	1	23	24S	31E	617700	3564324	3045	910	850	60
<a href="#">C 02569</a>		CUB	ED	4	4	2	02	25S	31E	618699	3558891*	3079	1016		
<a href="#">C 04593 POD1</a>		CUB	ED	3	4	4	34	24S	31E	616903	3559674	3394	55		
<a href="#">C 02570</a>		CUB	ED	4	2	4	02	25S	31E	618704	3558489*	3467	895		
<a href="#">C 03830 POD1</a>		CUB	ED	4	2	4	02	25S	31E	618632	3558432	3539	450		
<a href="#">C 04635 POD1</a>		CUB	ED	4	3	4	01	25S	31E	619958	3558078	3815	55		
<a href="#">C 04508 POD1</a>		CUB	ED	4	4	3	15	24S	31E	616298	3564493	4138	110		
<a href="#">C 04620 POD1</a>		CUB	LE	4	3	4	06	25S	32E	621445	3558018	4312	55		
<a href="#">C 03530 POD1</a>		C	LE	3	4	3	07	24S	32E	620886	3566156	4511	550		
<a href="#">C 04687 POD1</a>		CUB	ED	4	2	3	12	24S	31E	619481	3566450	4584	110		
<a href="#">C 04632 POD1</a>		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.

4/25/24 2:06 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# 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)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
21068	C 04643 POD1	4	2	2	05	23S	27E	619200	3561279

x

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

**Driller Name:** JOHN NORRIS

**Drill Start Date:** 06/06/2022 **Drill Finish Date:** 06/20/2022 **Plug Date:**

**Log File Date:** 08/19/2022 **PCW Rev Date:** **Source:** Shallow

**Pump Type:** **Pipe Discharge Size:** **Estimated Yield:** 0 GPM

**Casing Size:** 6.00 **Depth Well:** 305 feet **Depth Water:** 135 feet

x

Water Bearing Stratifications:	Top	Bottom	Description
	110	140	Sandstone/Gravel/Conglomerate
	140	160	Shale/Mudstone/Siltstone
	220	275	Shale/Mudstone/Siltstone

x

Casing Perforations:	Top	Bottom
	225	305

x

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.

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

OSE District Boundary

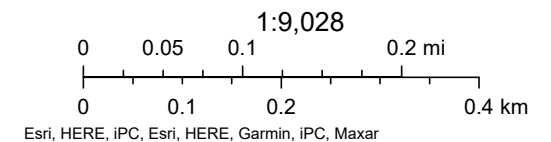
Water Right Regulations

Closure Area

New Mexico State Trust Lands

Both Estates

Artesian Planning Area





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

## National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

### Search Results -- 1 sites found

site\_no list =

- 321005103402301

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

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°10'21.6", Longitude 103°40'18.9" NAD83

Land-surface elevation 3,499.00 feet above NGVD29

The depth of the well is 367 feet below land surface.

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

This well is completed in the Chinle Formation (231CHNL) local aquifer.

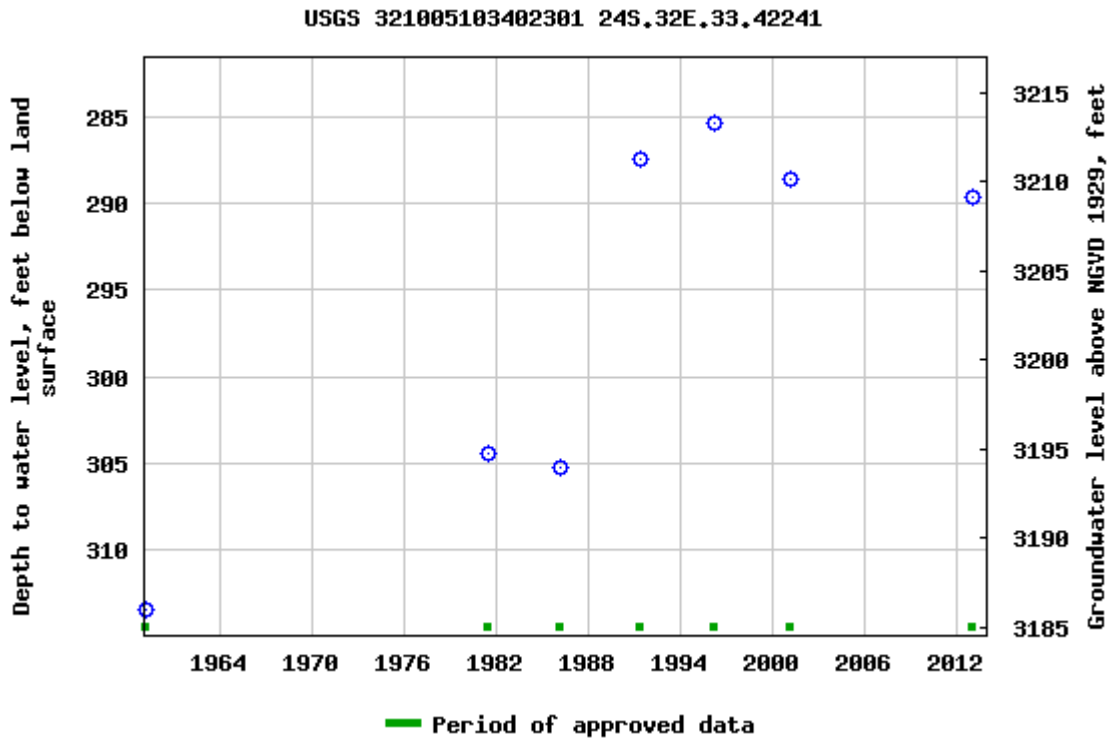
#### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.  
[Download a presentation-quality graph](#)

- [Questions or Comments](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

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



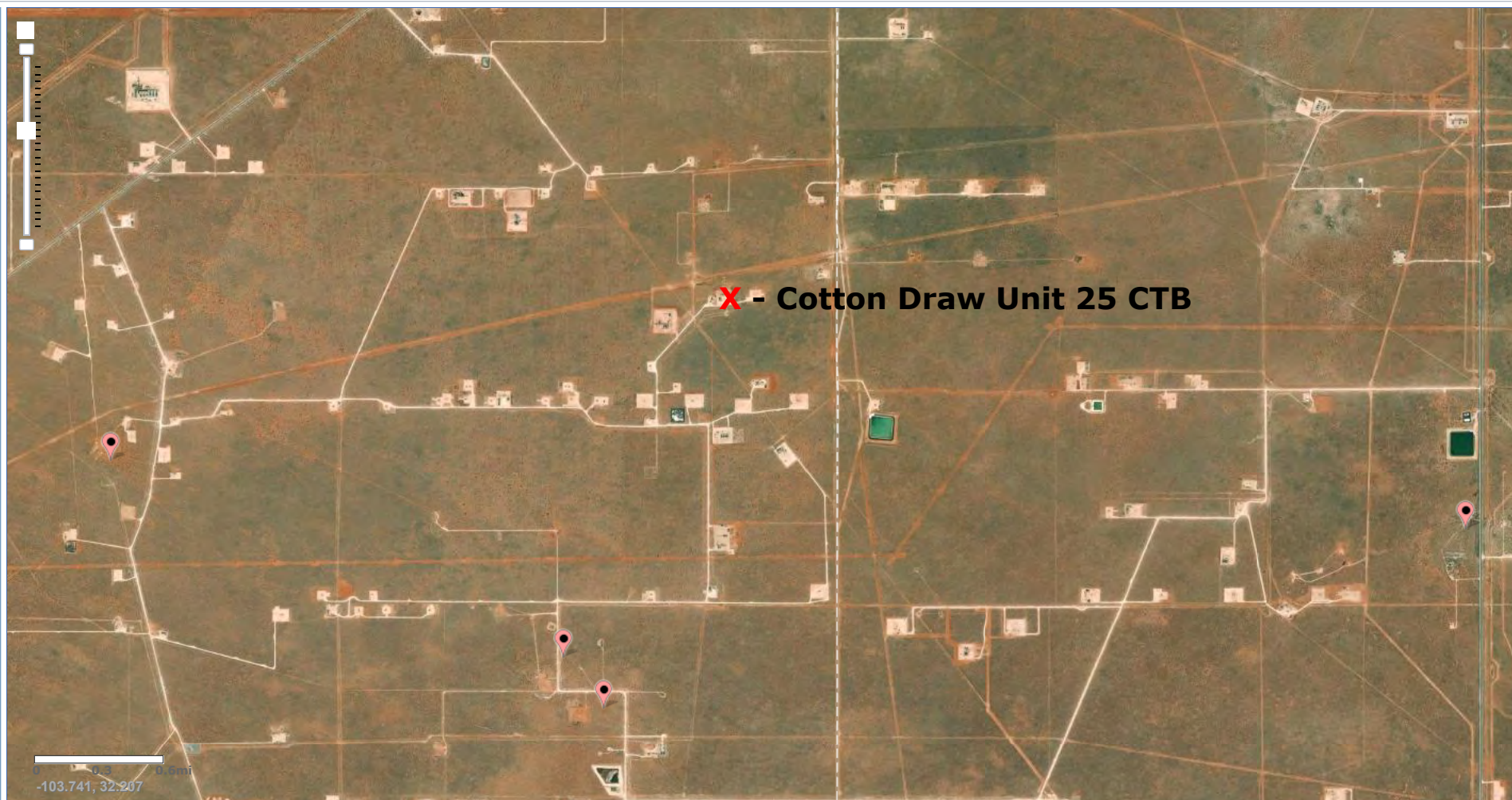
Page Contact Information: [USGS Water Data Support Team](#)

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

0.62 0.49 nadww02



National Water Information System: Mapper





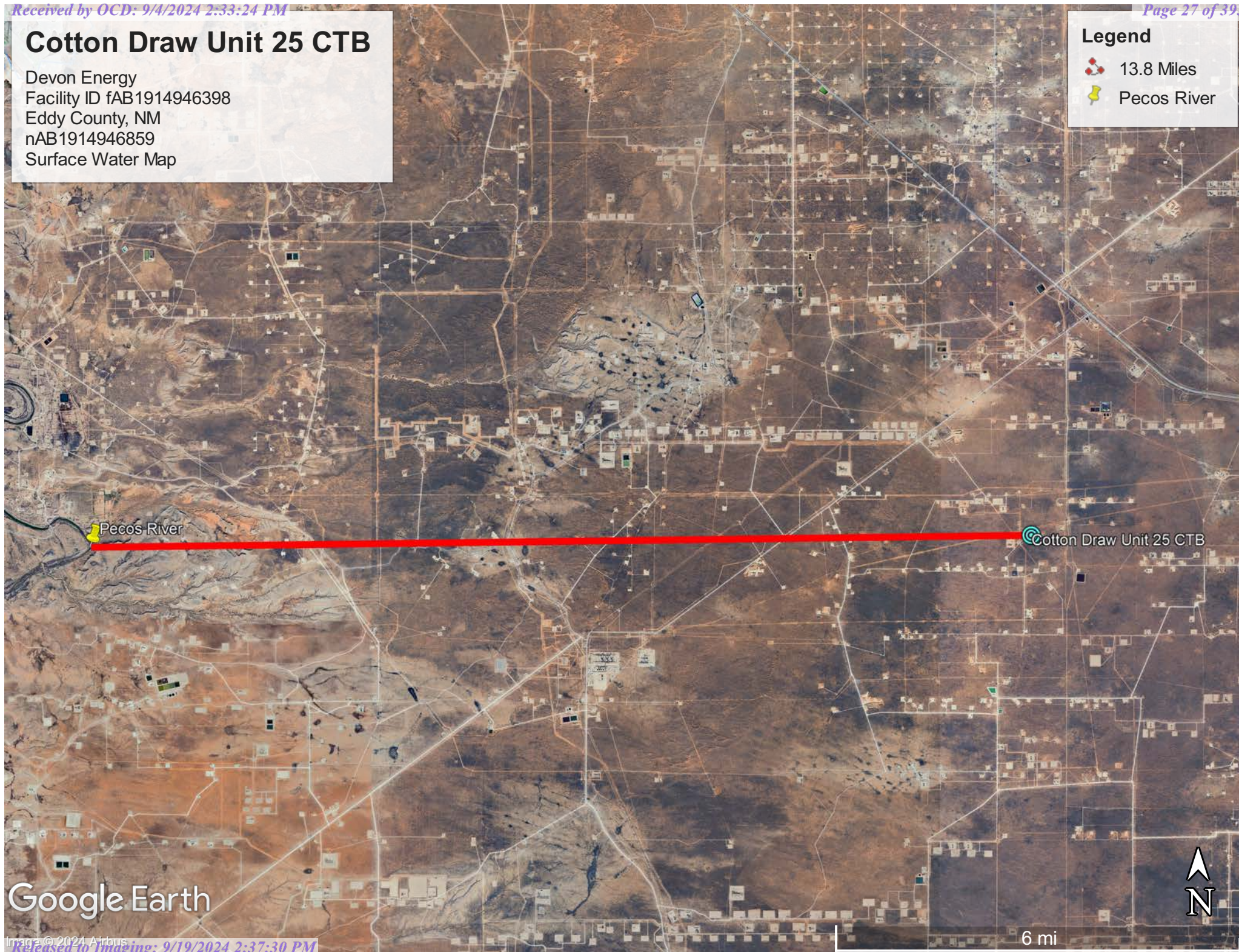
Site Information

# Cotton Draw Unit 25 CTB

Devon Energy  
Facility ID fAB1914946398  
Eddy County, NM  
nAB1914946859  
Surface Water Map

## Legend

-  13.8 Miles
-  Pecos River



Google Earth



6 mi

Wetlands



April 25, 2024

Wetlands

- |   |                                |   |                                   |   |          |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland       |  | Lake     |
|  | Estuarine and Marine Wetland   |  | Freshwater Forested/Shrub Wetland |  | Other    |
|  | Estuarine and Marine Wetland   |  | Freshwater Pond                   |  | 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.

# National Flood Hazard Layer FIRMMette



103°44'13"W 32°11'29"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°43'36"W 32°10'59"N

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

Basemap Imagery Source: USGS National Map 2023

## Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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

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

---

## 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



## Soil Map—Eddy Area, New Mexico



Natural Resources  
Conservation Service


Web Soil Survey  
National Cooperative Soil Survey

8/23/2024  
Page 1 of 3


## Soil Map—Eddy Area, New Mexico

## MAP LEGEND

## Area of Interest (AOI)

 Area of Interest (AOI)

## Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

## Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

## Water Features



Streams and Canals

## Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

## Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 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%


# Cotton Draw Unit 25 CTB

Devon Energy  
Facility ID fAB1914946398  
Eddy County, NM  
nAB1914946859  
Geologic Unit Map

## Legend

-  Cotton Draw Unit 25 CTB
-  Eolian and piedmont deposits
-  Piedmont alluvial deposits



 Cotton Draw Unit 25 CTB

Google Earth



4 mi



## **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 Devon Energy Production Company	OGRID 6137
Contact Name Amanda T. Davis	Contact Telephone 575-748-0176
Contact email amanda.davis@dvn.com	Incident # (assigned by OCD) NAB1914946859
Contact mailing address 6488 Seven Rivers Hwy	

Location of Release Source

Latitude 32.186984 Longitude -103.732374  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Cotton Draw Unit 25 CTB	Site Type Oil
Date Release Discovered 2/21/2019	API# (if applicable)

Unit Letter	Section	Township	Range	County
O	25	24S	31E	Eddy

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 296	Volume Recovered (bbls) 210
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release 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)

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

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? <b>This is considered a major release because it is over 25 barrels.</b>
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <b>Kendra DeHoyos</b>	Title: <b>EHS Associate</b>
Signature: <u>Kendra DeHoyos</u>	Date: <b>3/5/2019</b>
email: <b>kendra.dehoyos@dvn.com</b>	Telephone: <b>575-746-3371</b>
<b><u>OCD Only</u></b>	
Received by: <b>Amalia Bustamante</b>	Date: <b>5/28/2019</b>

**District I**

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

**District II**

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

**District III**

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

**District IV**

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

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

QUESTIONS

Action 346522

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 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 Ioya 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 I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 346522

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition 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 I**

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

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Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

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

**District IV**

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

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

QUESTIONS

Action 365063

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 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 I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 365063

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition 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 I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS  
  
Action 376056

QUESTIONS

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

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
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Phone:(575) 748-1283 Fax:(575) 748-9720  
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1000 Rio Brazos Rd., Aztec, NM 87410  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 376056

CONDITIONS

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

CONDITIONS

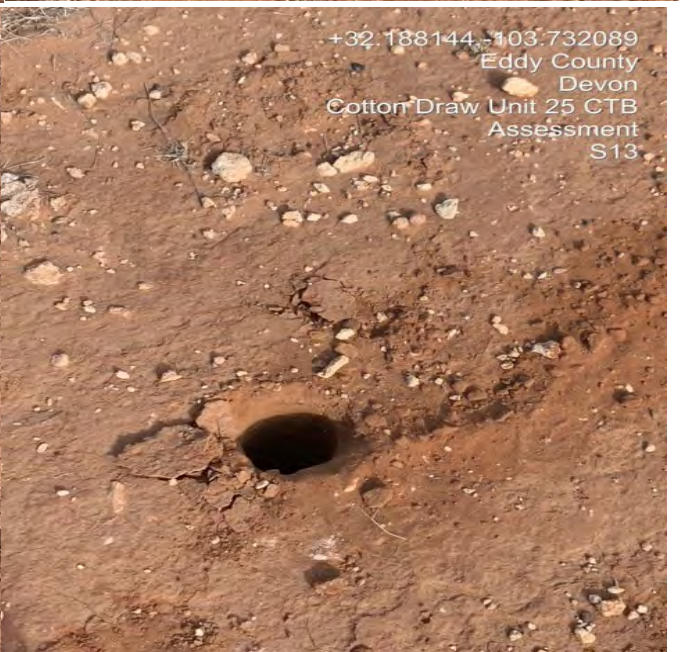
Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/21/2024

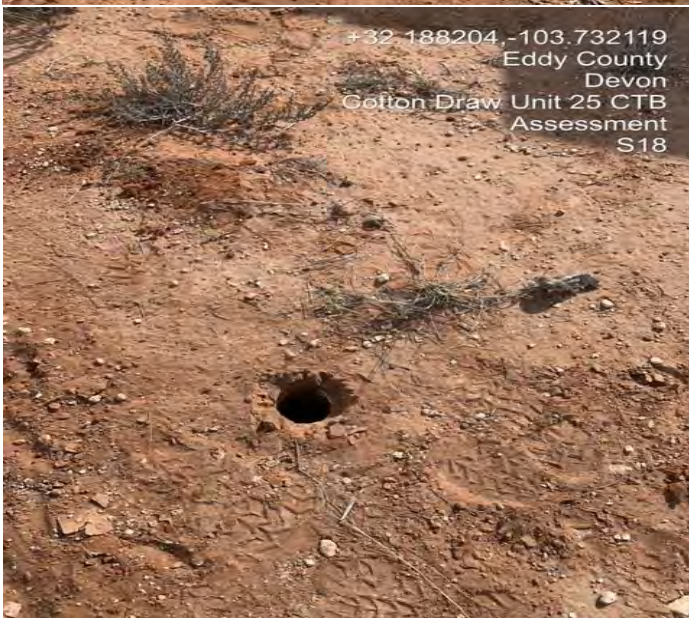
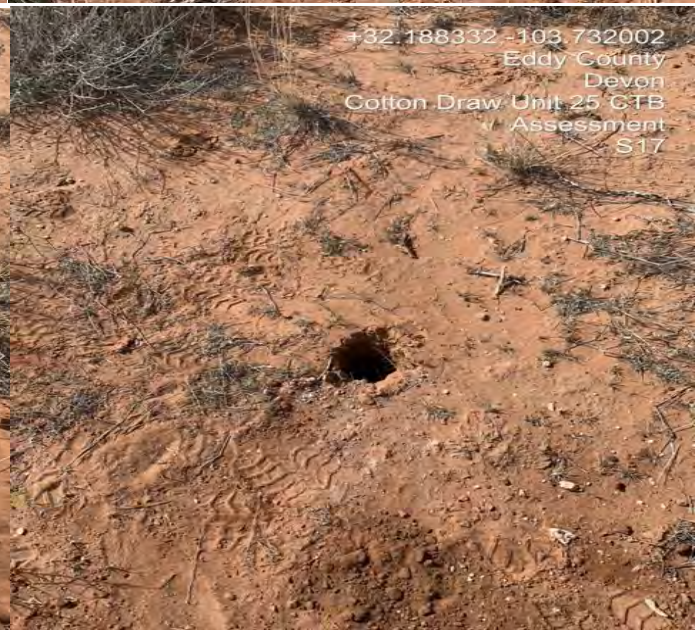
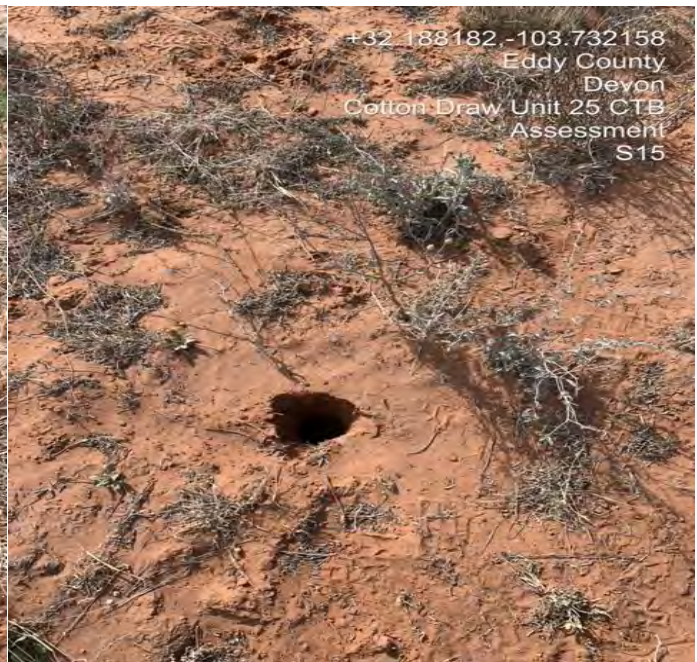


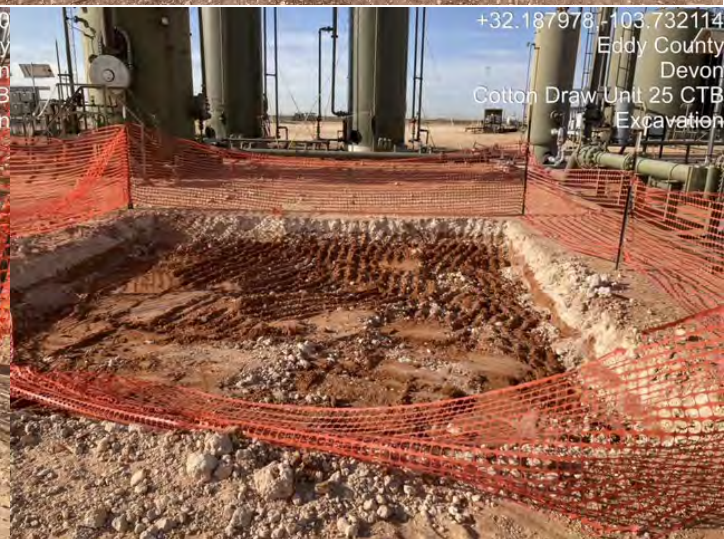
## **Appendix D**

### Photographic Documentation











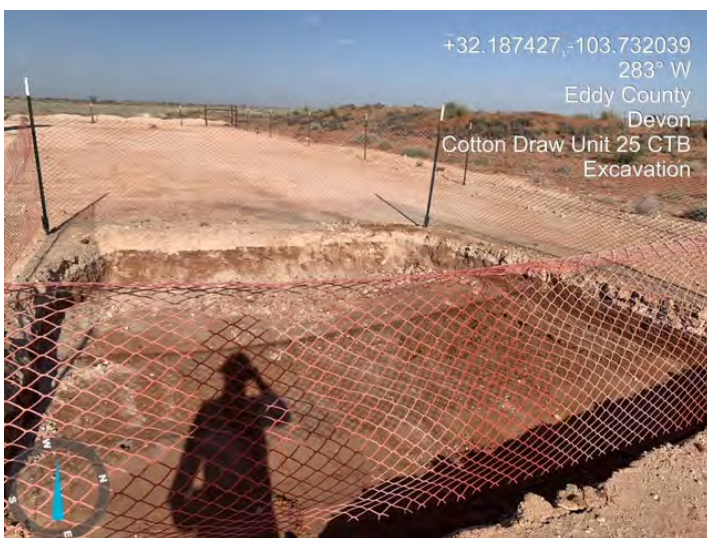


Reassessment 7/22/24















## **Appendix E**

### Laboratory Reports

Report to:  
Gio Gomez



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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	04/08/24 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.
S1-3'	E404007-03A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S1-4'	E404007-04A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S1-5'	E404007-05A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S1-6'	E404007-06A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S2-1'	E404007-07A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S2-2'	E404007-08A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S2-3'	E404007-09A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S2-4'	E404007-10A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S2-5'	E404007-11A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S2-6'	E404007-12A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S3-1'	E404007-13A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S3-2'	E404007-14A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S3-3'	E404007-15A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S3-4'	E404007-16A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S3-5'	E404007-17A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S3-6'	E404007-18A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S4-1'	E404007-19A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S4-2'	E404007-20A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S4-3'	E404007-21A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S4-4'	E404007-22A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S4-5'	E404007-23A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S4-6'	E404007-24A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S5-1'	E404007-25A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S5-2'	E404007-26A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S5-3'	E404007-27A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S5-4'	E404007-28A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S5-5'	E404007-29A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S5-6'	E404007-30A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S6-1'	E404007-31A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S6-2'	E404007-32A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S6-3'	E404007-33A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S6-4'	E404007-34A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S6-5'	E404007-35A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S6-6'	E404007-36A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S7-1'	E404007-37A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S7-2'	E404007-38A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S7-3'	E404007-39A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S7-4'	E404007-40A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.



Sample Data

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

S1-1'

E404007-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	63.6	20.0	1	04/02/24	04/03/24	



Sample Data

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

S1-2'

E404007-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	94.5 %	50-200		04/03/24	04/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S1-3'

E404007-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2414016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	95.8 %	50-200		04/03/24	04/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S1-4'

E404007-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S1-5'

E404007-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	96.9 %	50-200		04/03/24	04/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S1-6'

E404007-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	95.7 %	50-200		04/03/24	04/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S2-1'

E404007-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	67.0	20.0	1	04/02/24	04/02/24	



Sample Data

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

S2-2'

E404007-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	91.1 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2414016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.1 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	92.9 %	50-200		04/03/24	04/03/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S2-3'

E404007-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S2-4'

E404007-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S2-5'

E404007-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S2-6'

E404007-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S3-1'

E404007-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	92.1 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S3-2'

E404007-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S3-3'

E404007-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	89.8 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S3-4'

E404007-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2414016	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	96.3 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S3-5'

E404007-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S3-6'

E404007-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414030	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S4-1'

E404007-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	89.2 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S4-2'

E404007-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2414016
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	87.4 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414030
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S4-3'

E404007-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	91.0 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S4-4'

E404007-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



Sample Data

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

S4-5'

E404007-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	91.9 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



Sample Data

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

S4-6'

E404007-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	90.6 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	113 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



Sample Data

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

S5-1'

E404007-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	92.0 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	162	20.0	1	04/02/24	04/04/24	



Sample Data

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

S5-2'

E404007-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	89.6 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S5-3'

E404007-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		04/03/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S5-4'

E404007-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



Sample Data

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

S5-5'

E404007-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	90.8 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	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	109 %	50-200		04/03/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S5-6'

E404007-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		04/03/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



Sample Data

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

S6-1'

E404007-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	91.3 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	151	20.0	1	04/02/24	04/04/24	



Sample Data

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

S6-2'

E404007-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	91.0 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



Sample Data

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

S6-3'

E404007-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		04/03/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S6-4'

E404007-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		04/03/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



Sample Data

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

S6-5'

E404007-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	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	108 %	50-200		04/03/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S6-6'

E404007-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		04/03/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



Sample Data

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

S7-1'

E404007-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		04/03/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	169	20.0	1	04/02/24	04/04/24	



Sample Data

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

S7-2'

E404007-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	91.2 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S7-3'

E404007-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		04/03/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/08/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/8/2024 2:56:44PM

S7-4'

E404007-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2414017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		04/02/24	04/04/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		04/03/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2414032	
Chloride	ND	20.0	1	04/02/24	04/08/24	



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414016-BLK1) Prepared: 04/02/24 Analyzed: 04/04/24

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	7.43		8.00		92.8	70-130			

LCS (2414016-BS1) Prepared: 04/02/24 Analyzed: 04/04/24

Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	5.07	0.0250	5.00		101	70-130			
Toluene	5.07	0.0250	5.00		101	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

Matrix Spike (2414016-MS1) Source: E404007-06 Prepared: 04/02/24 Analyzed: 04/04/24

Benzene	5.38	0.0250	5.00	ND	108	54-133			
Ethylbenzene	5.35	0.0250	5.00	ND	107	61-133			
Toluene	5.36	0.0250	5.00	ND	107	61-130			
o-Xylene	5.29	0.0250	5.00	ND	106	63-131			
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131			
Total Xylenes	16.0	0.0250	15.0	ND	107	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			

Matrix Spike Dup (2414016-MSD1) Source: E404007-06 Prepared: 04/02/24 Analyzed: 04/04/24

Benzene	5.26	0.0250	5.00	ND	105	54-133	2.31	20	
Ethylbenzene	5.25	0.0250	5.00	ND	105	61-133	1.95	20	
Toluene	5.23	0.0250	5.00	ND	105	61-130	2.37	20	
o-Xylene	5.20	0.0250	5.00	ND	104	63-131	1.71	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	1.93	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	1.86	20	
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414017-BLK1) Prepared: 04/02/24 Analyzed: 04/04/24

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	7.54		8.00		94.2	70-130			

LCS (2414017-BS1) Prepared: 04/02/24 Analyzed: 04/04/24

Benzene	5.57	0.0250	5.00		111	70-130			
Ethylbenzene	5.41	0.0250	5.00		108	70-130			
Toluene	5.56	0.0250	5.00		111	70-130			
o-Xylene	5.47	0.0250	5.00		109	70-130			
p,m-Xylene	11.0	0.0500	10.0		110	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			

Matrix Spike (2414017-MS1) Source: E404007-35 Prepared: 04/02/24 Analyzed: 04/04/24

Benzene	5.48	0.0250	5.00	ND	110	54-133			
Ethylbenzene	5.33	0.0250	5.00	ND	107	61-133			
Toluene	5.47	0.0250	5.00	ND	109	61-130			
o-Xylene	5.39	0.0250	5.00	ND	108	63-131			
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131			
Total Xylenes	16.3	0.0250	15.0	ND	109	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			

Matrix Spike Dup (2414017-MSD1) Source: E404007-35 Prepared: 04/02/24 Analyzed: 04/04/24

Benzene	5.46	0.0250	5.00	ND	109	54-133	0.339	20	
Ethylbenzene	5.30	0.0250	5.00	ND	106	61-133	0.681	20	
Toluene	5.44	0.0250	5.00	ND	109	61-130	0.536	20	
o-Xylene	5.36	0.0250	5.00	ND	107	63-131	0.632	20	
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131	0.551	20	
Total Xylenes	16.2	0.0250	15.0	ND	108	63-131	0.578	20	
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414016-BLK1) Prepared: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414017-BLK1) Prepared: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: E404007-35 Prepared: 04/02/24 Analyzed: 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:  4/8/2024 2:56:44PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414036-BLK1)					Prepared: 04/03/24 Analyzed: 04/03/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.0	50-200			

LCS (2414036-BS1)					Prepared: 04/03/24 Analyzed: 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: E404007-03		Prepared: 04/03/24 Analyzed: 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: E404007-03		Prepared: 04/03/24 Analyzed: 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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414037-BLK1)					Prepared: 04/03/24 Analyzed: 04/04/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.6		50.0		107	50-200			

LCS (2414037-BS1)					Prepared: 04/03/24 Analyzed: 04/04/24				
Diesel Range Organics (C10-C28)	285	25.0	250		114	38-132			
Surrogate: n-Nonane	58.7		50.0		117	50-200			

Matrix Spike (2414037-MS1)					Source: E404007-25		Prepared: 04/03/24 Analyzed: 04/04/24		
Diesel Range Organics (C10-C28)	1680	25.0	250	1390	116	38-132			
Surrogate: n-Nonane	59.2		50.0		118	50-200			

Matrix Spike Dup (2414037-MSD1)					Source: E404007-25		Prepared: 04/03/24 Analyzed: 04/04/24		
Diesel Range Organics (C10-C28)	1560	25.0	250	1390	66.0	38-132	7.76	20	
Surrogate: n-Nonane	57.0		50.0		114	50-200			



QC Summary Data

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

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
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Blank (2414030-BLK1)				Prepared: 04/02/24 Analyzed: 04/02/24					
Chloride	ND	20.0							
LCS (2414030-BS1)				Prepared: 04/02/24 Analyzed: 04/02/24					
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414030-MS1)				Source: E404007-07		Prepared: 04/02/24 Analyzed: 04/02/24			
Chloride	320	20.0	250	67.0	101	80-120			
Matrix Spike Dup (2414030-MSD1)				Source: E404007-07		Prepared: 04/02/24 Analyzed: 04/03/24			
Chloride	320	20.0	250	67.0	101	80-120	0.0737	20	



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

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2414032-BLK1)					Prepared: 04/02/24 Analyzed: 04/03/24				
Chloride	ND	20.0							
LCS (2414032-BS1)					Prepared: 04/02/24 Analyzed: 04/03/24				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2414032-MS1)					Source: E404007-23		Prepared: 04/02/24 Analyzed: 04/04/24		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414032-MSD1)					Source: E404007-23		Prepared: 04/02/24 Analyzed: 04/04/24		
Chloride	253	20.0	250	ND	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.



## Project Information

## Chain of Custody

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<b>Client: Pima Environmental Services</b> <b>Project: Cotton Draw 25 CTB</b> <b>Project Manager: Glo Gomez</b> <b>Address: 5614 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM, 88240</b> <b>Phone: 806-782-1151</b> <b>Email: glo@pimaoil.com</b> <b>Report due by:</b>					<b>Bill To</b> <b>Attention: Devon</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # 249-2</b>					<b>Lab Use Only</b> <b>Lab Number:</b> 404007-61053-0007 <b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA	
										<b>State</b> NM CO UT AZ TX X				<b>Remarks</b>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
9:36	3/29	S	1	SZ-5'	11															
9:49				SZ-6'	12															
9:58				S3-1'	13															
10:11				S3-2'	14															
10:25				S3-3'	15															
10:37				S3-4'	16															
10:48				S3-5'	17															
10:51				S3-6'	18															
11:09				S4-1'	19															
11:16				S4-2'	20															
<b>Additional Instructions:</b> Billing # 21210307																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		<b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 T2 T3 AVG Temp °C 4								
Karime Adams		4-1-24		1330		Andrew Hagg		4-1-24		1330										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Andrew Hagg		4-1-24		1800		Andrew Hagg		4-1-24		1715										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Andrew Hagg		4-1-24		2230		Andrew Hagg		4-2-24		9:00										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 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.																				

## Project Information

## Chain of Custody

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<b>Client: Pima Environmental Services</b> <b>Project: Cotton Draw 25 CTB</b> <b>Project Manager: Gio Gomez</b> <b>Address: 5814 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM. 88240</b> <b>Phone: 806-782-1151</b> <b>Email: gio@pimaoil.com</b> <b>Report due by:</b>					<b>Bill To</b> <b>Attention: Devon</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # 249-2</b>					<b>Lab Use Only</b> <b>Lab Work:</b> <u>E404057</u> <b>Job Number:</b> <u>01058-0007</u> <b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard			<b>EPA Program</b> CWA SDWA RCRA	
										<b>State</b> NM CO UT AZ TX			<b>Remarks</b>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														
8:06	3/29	S	1	S1-1	1														
8:13				S1-2	2														
8:20				S1-3	3														
8:25				S1-4	4														
8:33				S1-5	5														
8:41				S1-6	6														
8:56				S2-1	7														
9:08				S2-2	8														
9:12				S2-3	9														
9:22				S2-4	10														
<b>Additional Instructions:</b> <u>Billing # 21210307</u>																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																			
<b>Relinquished by: (Signature)</b> <u>Karine Adams</u> <b>Date</b> <u>4-1-24</u> <b>Time</b> <u>1330</u> <b>Received by: (Signature)</b> <u>[Signature]</u> <b>Date</b> <u>4-1-24</u> <b>Time</b> <u>1330</u>																			
<b>Relinquished by: (Signature)</b> <u>[Signature]</u> <b>Date</b> <u>4-1-24</u> <b>Time</b> <u>1800</u> <b>Received by: (Signature)</b> <u>[Signature]</u> <b>Date</b> <u>4-1-24</u> <b>Time</b> <u>1715</u>																			
<b>Relinquished by: (Signature)</b> <u>[Signature]</u> <b>Date</b> <u>4-1-24</u> <b>Time</b> <u>2030</u> <b>Received by: (Signature)</b> <u>[Signature]</u> <b>Date</b> <u>4-2-24</u> <b>Time</b> <u>9:00</u>																			
<b>Sample Matrix:</b> S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
<b>Container Type:</b> g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
<b>Note:</b> 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.																			

## Project Information

## Chain of Custody

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<b>Client:</b> Plima Environmental Services <b>Project:</b> Cotton Draw 29 CTB <b>Project Manager:</b> Gio Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@plimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Plima Project #</b> 249-2					<b>Lab Use Only</b> <b>Lab Work</b> <b>Lab Number</b> 01058-0001 <b>Analysis and Method</b> DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
11:19	3/29	S	1	S4-3'	21							X								
11:25				S4-4'	22															
11:30				S4-5'	23															
11:36				S4-6'	24															
11:45				S5-1'	25															
11:51				S5-2'	26															
12:09				S5-3'	27															
12:19				S5-4'	28															
12:23				S5-5'	29															
12:30				S5-6'	30															
<b>Additional Instructions:</b> Billing # 21210307																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	<b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 T2 T3 AVG Temp °C 4												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 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.																				

## Project Information

## Chain of Custody

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<b>Client:</b> Pima Environmental Services <b>Project:</b> Cotton Draw 25 CTB <b>Project Manager:</b> Glo Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> glo@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Plima Project #</b> 249-2					<b>Lab Use Only</b> <b>Lab WO#</b> FL04007 <b>Lab Number</b> 1010580073 <b>Analysis and Method</b> DRO/CRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard			<b>EPA Program</b> CWA SDWA RCRA State NM CO UT AZ TX	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number											Remarks			
12:33	3/29	S	1	S6-1'	31														
12:39				S6-2'	32														
12:41				S6-3'	33														
12:46				S6-4'	34														
12:58				S6-5'	35														
1:03				S6-6'	36														
1:10				S7-1'	37														
1:18				S7-2'	38														
1:23				S7-3'	39														
1:30				S7-4'	40														
<b>Additional Instructions:</b> Billing # 21210307																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	<b>Lab Use Only</b> Received on Ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 T2 T3 AVG Temp °C 4											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

## Envirotech Analytical Laboratory

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

## 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:	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)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Cotton Draw 25 CTB has been separated into multiple workorders due to high sample volume. WO are as follows: E404007, E404008 and E404009.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Gio Gomez



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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	04/09/24 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.
S10-3'	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.
S10-5'	E404008-19A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S10-6'	E404008-20A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S11-1'	E404008-21A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S11-2'	E404008-22A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S11-3'	E404008-23A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S11-4'	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.
S12-2'	E404008-26A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S12-3'	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.
S13-2'	E404008-30A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S13-3'	E404008-31A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S13-4'	E404008-32A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S14-1'	E404008-33A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S14-2'	E404008-34A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S14-3'	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.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Cotton Draw 25 CTB Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/9/2024 9:09:22AM
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S7-5'

E404008-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	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	
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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	96.8 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414033	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S7-6'

E404008-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	85.2 %	50-200		04/03/24	04/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S8-1'

E404008-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	89.2 %	50-200		04/03/24	04/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	166	20.0	1	04/02/24	04/03/24	



Sample Data

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

S8-2'

E404008-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	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	
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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414033	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S8-3'

E404008-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	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	
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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	95.7 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414033	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S8-4'

E404008-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2414018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.2 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	88.3 %	50-200		04/03/24	04/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2414033	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S8-5'

E404008-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	85.9 %	50-200		04/03/24	04/03/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S8-6'

E404008-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	86.2 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S9-1'

E404008-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	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	
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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	97.1 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	82.7 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414033	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S9-2'

E404008-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.4 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	84.1 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S9-3'

E404008-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	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	
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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	96.6 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	84.7 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414033	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S9-4'

E404008-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	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	
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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	97.7 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	84.9 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414033	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S9-5'

E404008-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	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	
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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	97.1 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	87.8 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414033	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S9-6'

E404008-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.8 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	88.2 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S10-1'

E404008-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	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	
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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	97.1 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	83.1 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2414033	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S10-2'

E404008-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.0 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	80.2 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S10-3'

E404008-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	87.5 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S10-4'

E404008-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.1 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	88.4 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S10-5'

E404008-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	87.4 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S10-6'

E404008-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		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	
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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414018
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/05/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		04/02/24	04/05/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<i>Surrogate: n-Nonane</i>						
	92.0 %	50-200		04/03/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2414033
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S11-1'

E404008-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.1 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>						
	85.8 %	50-200		04/04/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S11-2'

E404008-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>						
	86.3 %	50-200		04/04/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S11-3'

E404008-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.5 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.7 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>						
	86.7 %	50-200		04/04/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S11-4'

E404008-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.4 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2414026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.2 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	87.6 %	50-200		04/04/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2414034	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S12-1'

E404008-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2414026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	86.9 %	50-200		04/04/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2414034	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S12-2'

E404008-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2414026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<i>Surrogate: n-Nonane</i>						
	84.0 %	50-200		04/04/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2414034	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S12-3'

E404008-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>						
	85.0 %	50-200		04/04/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S12-4'

E404008-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		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	
<i>Surrogate: n-Nonane</i>						
	88.5 %	50-200		04/04/24	04/04/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S13-1'

E404008-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2414026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	88.1 %	50-200		04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2414034	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S13-2'

E404008-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.0 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	86.9 %	50-200		04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S13-3'

E404008-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2414034	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S13-4'

E404008-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	89.3 %	50-200		04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S14-1'

E404008-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2414026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	86.7 %	50-200		04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2414034	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S14-2'

E404008-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.9 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	87.4 %	50-200		04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S14-3'

E404008-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2414026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	85.1 %	50-200		04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2414034	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S14-4'

E404008-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2414034	
Chloride	ND	20.0	1	04/02/24	04/03/24	



Sample Data

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

S15-1'

E404008-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2414034	
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S15-2'

E404008-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	81.8 %	50-200		04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S15-3'

E404008-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	86.0 %	50-200		04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:09:22AM

S15-4'

E404008-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2414026
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/02/24	04/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.9 %	70-130		04/02/24	04/03/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	88.8 %	50-200		04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414034
Chloride	ND	20.0	1	04/02/24	04/03/24	



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	4/9/2024 9:09:22AM

Volatile Organics by EPA 8021B

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
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Blank (2414018-BLK1) Prepared: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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	
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	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	4/9/2024 9:09:22AM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2414026-BLK1) Prepared: 04/02/24 Analyzed: 04/03/24

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	7.40		8.00		92.5	70-130			

LCS (2414026-BS1) Prepared: 04/02/24 Analyzed: 04/03/24

Benzene	5.24	0.0250	5.00		105	70-130			
Ethylbenzene	5.20	0.0250	5.00		104	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
o-Xylene	5.14	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			

Matrix Spike (2414026-MS1) Source: E404008-31 Prepared: 04/02/24 Analyzed: 04/03/24

Benzene	5.09	0.0250	5.00	ND	102	54-133			
Ethylbenzene	5.04	0.0250	5.00	ND	101	61-133			
Toluene	5.05	0.0250	5.00	ND	101	61-130			
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130			

Matrix Spike Dup (2414026-MSD1) Source: E404008-31 Prepared: 04/02/24 Analyzed: 04/03/24

Benzene	5.41	0.0250	5.00	ND	108	54-133	6.17	20	
Ethylbenzene	5.36	0.0250	5.00	ND	107	61-133	6.16	20	
Toluene	5.37	0.0250	5.00	ND	107	61-130	6.22	20	
o-Xylene	5.31	0.0250	5.00	ND	106	63-131	6.22	20	
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131	5.77	20	
Total Xylenes	16.1	0.0250	15.0	ND	107	63-131	5.92	20	
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2414018-BLK1) Prepared: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2414026-BLK1) Prepared: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414038-BLK1)					Prepared: 04/03/24 Analyzed: 04/03/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.8		50.0		83.5	50-200			

LCS (2414038-BS1)					Prepared: 04/03/24 Analyzed: 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: 04/03/24 Analyzed: 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: 04/03/24 Analyzed: 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			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414052-BLK1)					Prepared: 04/04/24 Analyzed: 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: 04/04/24 Analyzed: 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: 04/04/24 Analyzed: 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: 04/04/24 Analyzed: 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			



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	4/9/2024 9:09:22AM

Anions by EPA 300.0/9056A

Analyst: DT

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

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



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	4/9/2024 9:09:22AM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2414034-BLK1)					Prepared: 04/02/24 Analyzed: 04/03/24				
Chloride	ND	20.0							
LCS (2414034-BS1)					Prepared: 04/02/24 Analyzed: 04/03/24				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2414034-MS1)					Source: E404008-25		Prepared: 04/02/24 Analyzed: 04/03/24		
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2414034-MSD1)					Source: E404008-25		Prepared: 04/02/24 Analyzed: 04/03/24		
Chloride	252	20.0	250	ND	101	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 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.





## Project Information

## Chain of Custody

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Client: Pima Environmental Services  
 Project: Cotton Draw 25CTB  
 Project Manager: Glo Gomez  
 Address: 5814 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 806-782-1151  
 Email: gio@pimaoil.com  
 Report due by:

Bill To

Attention: Devon

Address:

City, State, Zip

Phone:

Email:

Pima Project # 249-2

Lab Use Only		TAT				EPA Program	
Lab Well	Lab Number	1D	2D	3D	Standard	CWA	SDWA
<u>F404008</u>	<u>10158-0003</u>				<u>X</u>		
Analysis and Method							
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX
						<u>X</u>	
State							
NM	CO	UT	AZ	TX			
<u>X</u>							
Remarks							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
2:36	3/29	S	1	S9-3'	11
2:45				S9-4'	12
2:52				S9-5'	13
3:00				S9-6'	14
3:05				S10-1'	15
3:09				S10-2'	16
3:14				S10-3'	17
3:20				S10-4'	18
3:26				S10-5'	19
3:31				S10-6'	20

## Additional Instructions:

Billing # 21210307

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

Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Farique Atarame</u>	<u>4-1-24</u>	<u>1330</u>	<u>Andrew Russo</u>	<u>4-1-24</u>	<u>1330</u>
<u>Andrew Russo</u>	<u>4-1-24</u>	<u>1800</u>	<u>Andrew Russo</u>	<u>4-1-24</u>	<u>1715</u>
<u>Andrew Russo</u>	<u>4-1-24</u>	<u>2230</u>	<u>Andrew Russo</u>	<u>4-2-24</u>	<u>9:00</u>

Received on ice: Y N

AVG Temp °C 4

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

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

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


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## Project Information

## Chain of Custody

Page 7 of 12

Client: Pima Environmental Services  
 Project: Cotton Draw 25 CTB  
 Project Manager: Glo Gomez  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 806-782-1151  
 Email: glo@pimaoil.com  
 Report due by: \_\_\_\_\_

Bill To  
 Attention: Devon  
 Address: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Pima Project # 249-2

Lab Use Only		TAT				EPA Program	
Lab Work	Lab Number	1D	2D	3D	Standard	CWA	SDWA
<u>E404008</u>	<u>60080007</u>				<u>X</u>		
Analysis and Method							
DRO/GRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX
						<u>X</u>	
State							
NM	CO	UT	AZ	TX			
<u>X</u>							
Remarks							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
3:36	3/29	S	1	S11-1'	21
3:40				S11-2'	22
3:43				S11-3'	23
3:50				S11-4'	24
3:58				S12-1'	25
4:00				S12-2'	26
4:06				S12-3'	27
4:11				S12-4'	28
4:19				S13-1'	29
4:25				S13-2'	30

## Additional Instructions:

Billing # 21210307

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

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

Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
<u>Korine Adams</u>		<u>4-1-24</u>	<u>1330</u>	<u>[Signature]</u>		<u>4-1-24</u>	<u>1330</u>
<u>[Signature]</u>		<u>4-1-24</u>	<u>1800</u>	<u>Andrew Hobbs</u>		<u>4-1-24</u>	<u>1715</u>
<u>Andrew Hobbs</u>		<u>4-1-24</u>	<u>2230</u>	<u>[Signature]</u>		<u>4-2-24</u>	<u>9:00</u>

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

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

Lab Use Only  
 Received on Ice: Y N  
 T1 \_\_\_\_\_ T2 \_\_\_\_\_ T3 \_\_\_\_\_  
 AVG Temp °C 4

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

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## Project Information

## Chain of Custody

Page 8 of 12

Client: Pima Environmental Services					Bill To					Lab Use Only					TAT				EPA Program									
Project: Cotton Draw 25 CTB					Attention: Devon					Lab Number: 404008 21028-0007					1D 2D 3D Standard				CWA SDWA									
Project Manager: Glo Gomez					Address:					Analysis and Method					RCRA				State									
Address: 5614 N. Lovington Hwy.					City, State, Zip																							
City, State, Zip: Hobbs, NM, 88240					Phone:																							
Phone: 806-782-1151					Email:					DRO/GRO by 8015					BGDOC NM				BGDOC TX									
Email: glo@pimaoil.com					Pima Project # 249-2'																							
Report due by:																												
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks																						
4:30	3/29	S	1	S13-3'	31																							
4:35				S13-4'	32																							
4:39				S14-1'	33																							
4:43				S14-2'	34																							
4:46				S14-3'	35																							
4:51				S14-4'	36																							
4:59				S15-1'	37																							
6:02				S15-2'	38																							
5:10				S15-3'	39																							
5:15				S15-4'	40																							
Additional Instructions: Billing # 21210307																												
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																	
Relinquished by: (Signature) Karine Adame					Date 4-1-24 Time 1330					Received by: (Signature) [Signature]					Date 4-1-24 Time 1330					Lab Use Only								
Relinquished by: (Signature) [Signature]					Date 4-1-24 Time 1800					Received by: (Signature) Andrew Hesse					Date 4-1-24 Time 1715					Received on Ice: Y/ N								
Relinquished by: (Signature) Andrew Hesse					Date 4-1-24 Time 2230					Received by: (Signature) [Signature]					Date 4-2-24 Time 9:00					T1 T2 T3								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											AVG Temp °C 4						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																												

## Envirotech Analytical Laboratory

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

## 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	Date Logged In:	04/01/24 16:30	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	04/08/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Cotton Draw 25 CTB has been separated into multiple workorders due to high sample volume. WO are as follows: E404007, E404008 and E404009.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Gio Gomez



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
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**Michelle Golzaes**  
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[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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	04/09/24 09:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S16-1'	E404009-01A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S16-2'	E404009-02A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S16-3'	E404009-03A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S16-4'	E404009-04A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S17-1'	E404009-05A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S17-2'	E404009-06A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S17-3'	E404009-07A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S17-4'	E404009-08A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S18-1'	E404009-09A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S18-2'	E404009-10A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S18-3'	E404009-11A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S18-4'	E404009-12A	Soil	03/29/24	04/02/24	Glass Jar, 2 oz.
S19-1'	E404009-13A	Soil	03/30/24	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.
S19-4'	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.
S20-4'	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.
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	E404009-36A	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.
SW19	E404009-39A	Soil	03/30/24	04/02/24	Glass Jar, 2 oz.



Sample Data

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

S16-1'  
E404009-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2414044	
Chloride	ND	20.0	1	04/03/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

S16-2'

E404009-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S16-3'

E404009-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	118 %	50-200		04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2414044	
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S16-4'

E404009-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

S17-1'

E404009-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		108 %	70-130	04/02/24	04/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		103 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		98.7 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		103 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

S17-2'

E404009-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

S17-3'

E404009-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		118 %	50-200	04/04/24	04/05/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

S17-4'

E404009-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		101 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		101 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

S18-1'

E404009-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		106 %	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		103 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		106 %	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		103 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S18-2'

E404009-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		113 %	50-200	04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S18-3'

E404009-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		116 %	50-200	04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

S18-4'

E404009-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		102 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		102 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		112 %	50-200	04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S19-1'

E404009-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		100 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		100 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		114 %	50-200	04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S19-2'

E404009-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

S19-3'

E404009-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		102 %	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		103 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		102 %	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		103 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		114 %	50-200	04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S19-4'

E404009-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		99.0 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S20-1'

E404009-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		103 %	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		103 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		103 %	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		103 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		118 %	50-200	04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S20-2'

E404009-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S20-3'

E404009-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		102 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

S20-4'

E404009-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		99.6 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		99.6 %	70-130	04/02/24	04/06/24	
Surrogate: Toluene-d8		104 %	70-130	04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2414044
Chloride	ND	20.0	1	04/03/24	04/04/24	



Sample Data

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

SW1

E404009-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW2

E404009-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW3

E404009-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW4

E404009-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	87.3 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	87.3 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	123 %	50-200		04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW5

E404009-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

## SW6

## E404009-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

SW7

E404009-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	105 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8	95.8 %	70-130		04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	105 %	70-130		04/02/24	04/06/24	
Surrogate: Toluene-d8	95.8 %	70-130		04/02/24	04/06/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	114 %	50-200		04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW8

E404009-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	86.7 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	86.7 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	121 %	50-200		04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW9

E404009-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW10

E404009-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	57.1	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW11

E404009-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

## SW12

## E404009-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

## SW13

## E404009-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	36.7	20.0	1	04/03/24	04/03/24	



## Sample Data

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

Project Name: Cotton Draw 25 CTB  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/9/2024 9:07:10AM

## SW14

## E404009-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	87.0 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	87.0 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW15

E404009-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	87.2 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	87.2 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	117 %	50-200		04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW16

E404009-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	24.8	20.0	1	04/03/24	04/03/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Cotton Draw 25 CTB Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/9/2024 9:07:10AM
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SW17

E404009-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414045	
Chloride	38.6	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW18

E404009-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	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	85.4 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	85.4 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	121 %	50-200		04/04/24	04/06/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2414045	
Chloride	ND	20.0	1	04/03/24	04/03/24	



Sample Data

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

SW19

E404009-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2414045
Chloride	ND	20.0	1	04/03/24	04/03/24	



QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

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
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Blank (2414027-BLK1) Prepared: 04/02/24 Analyzed: 04/06/24

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: 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-BS1) Prepared: 04/02/24 Analyzed: 04/06/24

Benzene	2.22	0.0250	2.50		89.0	70-130			
Ethylbenzene	2.18	0.0250	2.50		87.4	70-130			
Toluene	2.11	0.0250	2.50		84.5	70-130			
o-Xylene	2.12	0.0250	2.50		84.7	70-130			
p,m-Xylene	4.24	0.0500	5.00		84.7	70-130			
Total Xylenes	6.35	0.0250	7.50		84.7	70-130			
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

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

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			



QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

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
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Blank (2414028-BLK1) Prepared: 04/02/24 Analyzed: 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: 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-BS1) Prepared: 04/02/24 Analyzed: 04/05/24

Benzene	2.39	0.0250	2.50		95.8	70-130			
Ethylbenzene	2.26	0.0250	2.50		90.3	70-130			
Toluene	2.41	0.0250	2.50		96.4	70-130			
o-Xylene	2.31	0.0250	2.50		92.3	70-130			
p,m-Xylene	4.69	0.0500	5.00		93.9	70-130			
Total Xylenes	7.00	0.0250	7.50		93.4	70-130			
Surrogate: Bromofluorobenzene	0.454		0.500		90.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.539		0.500		108	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.4	70-130			

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			

Matrix Spike Dup (2414028-MSD1) Source: 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			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2414027-BLK1) Prepared: 04/02/24 Analyzed: 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: 04/02/24 Analyzed: 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: E404009-13 Prepared: 04/02/24 Analyzed: 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: E404009-13 Prepared: 04/02/24 Analyzed: 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			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2414028-BLK1) Prepared: 04/02/24 Analyzed: 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: E404009-33 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: E404009-33 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			



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	4/9/2024 9:07:10AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414053-BLK1)					Prepared: 04/04/24 Analyzed: 04/05/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.8		50.0		114	50-200			

LCS (2414053-BS1)					Prepared: 04/04/24 Analyzed: 04/05/24				
Diesel Range Organics (C10-C28)	318	25.0	250		127	38-132			
Surrogate: n-Nonane	62.2		50.0		124	50-200			

Matrix Spike (2414053-MS1)					Source: E404009-03		Prepared: 04/04/24 Analyzed: 04/05/24		
Diesel Range Organics (C10-C28)	309	25.0	250	ND	124	38-132			
Surrogate: n-Nonane	61.1		50.0		122	50-200			

Matrix Spike Dup (2414053-MSD1)					Source: E404009-03		Prepared: 04/04/24 Analyzed: 04/05/24		
Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	38-132	4.05	20	
Surrogate: n-Nonane	58.1		50.0		116	50-200			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2414054-BLK1) Prepared: 04/04/24 Analyzed: 04/06/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.2		50.0		120	50-200			

LCS (2414054-BS1) Prepared: 04/04/24 Analyzed: 04/06/24

Diesel Range Organics (C10-C28)	329	25.0	250		131	38-132			
Surrogate: n-Nonane	63.5		50.0		127	50-200			

Matrix Spike (2414054-MS1) Source: E404009-24 Prepared: 04/04/24 Analyzed: 04/06/24

Diesel Range Organics (C10-C28)	330	25.0	250	ND	132	38-132			
Surrogate: n-Nonane	62.0		50.0		124	50-200			

Matrix Spike Dup (2414054-MSD1) Source: E404009-24 Prepared: 04/04/24 Analyzed: 04/06/24

Diesel Range Organics (C10-C28)	328	25.0	250	ND	131	38-132	0.578	20	
Surrogate: n-Nonane	61.8		50.0		124	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	4/9/2024 9:07:10AM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2414044-BLK1)					Prepared: 04/03/24 Analyzed: 04/04/24				
Chloride	ND	20.0							
LCS (2414044-BS1)					Prepared: 04/03/24 Analyzed: 04/04/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2414044-MS1)					Source: E404009-05		Prepared: 04/03/24 Analyzed: 04/04/24		
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2414044-MSD1)					Source: E404009-05		Prepared: 04/03/24 Analyzed: 04/04/24		
Chloride	255	20.0	250	ND	102	80-120	0.286	20	



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	4/9/2024 9:07:10AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2414045-BLK1)					Prepared: 04/03/24 Analyzed: 04/03/24				
Chloride	ND	20.0							
LCS (2414045-BS1)					Prepared: 04/03/24 Analyzed: 04/03/24				
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2414045-MS1)					Source: E404009-29		Prepared: 04/03/24 Analyzed: 04/03/24		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2414045-MSD1)					Source: E404009-29		Prepared: 04/03/24 Analyzed: 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

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<b>Client:</b> Pima Environmental Services <b>Project:</b> Cotton Draw 25 CTB <b>Project Manager:</b> Glo Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> glo@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 249-2'					<b>Lab Use Only</b> <b>Lab Number:</b> E404009 01058-0007 <b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM TX BGDOC					<b>TAT</b> 1D 2D 3D Standard X			<b>EPA Program</b> CWA SDWA RCRA	
										<b>State</b> NM CO UT AZ TX X									
													<b>Remarks</b>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														
5:20	3/29	S	1	S16-1'	1														
5:24				S16-2'	2														
5:29				S16-3'	3														
5:36				S16-4'	4														
5:40				S17-1'	5														
5:45				S17-2'	6														
5:51				S17-3'	7														
5:57				S17-4'	8														
6:00				S18-1'	9														
6:03				S18-2'	10														
<b>Additional Instructions:</b> Billing # 21210367																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on Ice: Y/N							
Karine Adams		4-1-24		1330		Karine Adams		4-1-24		1330									
Karine Adams		4-1-24		1800		Karine Adams		4-1-24		1715		T1 T2 T3							
Karine Adams		4-1-24		2230		Karine Adams		4-2-24		9:00		AVG Temp °C 4							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 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.																			

## Project Information

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT			EPA Program		
Project: Cotton Drive 25 CTB					Attention: Devon		Lab Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Glo Gomez					Address:		Lab Number							
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method							
City, State, Zip Hobbs, NM. 88240					Phone:									
Phone: 806-782-1151					Email:									
Email: glo@pimaoil.com					Pima Project # 249-2									
Report due by:														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
6:10	3/29	S	1	S18-3'	11							Y		
6:14				S18-4'	12									
7:03	3/30			S19-1'	13									
7:11				S19-2'	14									
7:15				S19-3'	15									
7:21				S19-4'	16									
7:33				S20-1'	17									
7:46				S20-2'	18									
7:55				S20-3'	19									
8:03				S20-4'	20									
Additional Instructions: Billing # 21210307														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.														
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.														
Relinquished by: (Signature) Date 4-1-24 Time 1330 Received by: (Signature) Date 4-1-24 Time 1330 Lab Use Only														
Relinquished by: (Signature) Date 4-1-24 Time 1300 Received by: (Signature) Date 4-1-24 Time 1715 Received on Ice: Y N														
Relinquished by: (Signature) Date 4-1-24 Time 2230 Received by: (Signature) Date 4-2-24 Time 9:00 T1 T2 T3														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA														
Note: Samples are discarded 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.														

## Project Information

## Chain of Custody

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<b>Client: Pima Environmental Services</b> <b>Project: Cotton Draw 25 CTB</b> <b>Project Manager: Glo Gomez</b> <b>Address: 5614 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM, 88240</b> <b>Phone: 806-782-1151</b> <b>Email: glo@pimaoil.com</b> <b>Report due by:</b>					<b>Bill To</b> <b>Attention: Devon</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # 249-2</b>					<b>Lab Use Only</b> <b>Lab Number:</b> 40460A <b>Lab Number:</b> 01058-0007 <b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGD OC NM BGD OC TX					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA	
										<b>State</b> NM CO UT AZ TX X				<b>Remarks</b>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGD OC NM	BGD OC TX							
8:09	3/30	S	1	SW1	21							X								
8:13				SW2	22															
8:17				SW3	23															
8:25				SW4	24															
8:31				SW5	25															
8:39				SW6	26															
8:45				SW7	27															
8:59				SW8	28															
9:11				SW9	29															
9:21				SW10	30															
<b>Additional Instructions:</b> Billing # 21210307 I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Relinquished by: (Signature) <i>Karine Hume</i> Date <i>4-1-24</i> Time <i>1330</i> Relinquished by: (Signature) <i>Andrew Hume</i> Date <i>4-1-24</i> Time <i>1800</i> Relinquished by: (Signature) <i>Andrew Hume</i> Date <i>4-1-24</i> Time <i>2230</i>										Received by: (Signature) <i>Andrew Hume</i> Date <i>4-1-24</i> Time <i>1330</i> Received by: (Signature) <i>Andrew Hume</i> Date <i>4-1-24</i> Time <i>1715</i> Received by: (Signature) <i>Andrew Hume</i> Date <i>4-2-24</i> Time <i>9:00</i>										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				


**envirotech**

## Project Information

## Chain of Custody

Page 12 of 12

<b>Client:</b> Pima Environmental Services <b>Project:</b> Cotton Draw 25 CTB <b>Project Manager:</b> Glo Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> glo@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 249-2					<b>Lab Use Only</b> <b>Lab Work</b> F404609 <b>Job Number</b> 01058-0007 <b>Analysis and Method</b>					<b>TAT</b> 1D 2D 3D Standard				<b>EPA Program</b> CWA SDWA RCRA	
														<b>State</b> NM CO UT AZ TX						
														<b>Remarks</b>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BDOC NM	BDOC TX						
9:30	3/30	S	1	SW11	31								X							
9:36				SW12	32															
9:48				SW13	33															
9:50				SW14	34															
9:57				SW15	35															
10:11				SW16	36															
10:20				SW17	37															
10:28				SW18	38															
10:31				SW19	39															
<b>Additional Instructions:</b> Billing # 21210307																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		<b>Lab Use Only</b> Received on Ice: <input checked="" type="radio"/> Y <input type="radio"/> N								
Karine Hame		4-1-24		1330		C. P. Hame		4-1-24		1330		T1 T2 T3								
C. P. Hame		4-1-24		1800		Andrew Webb		4-1-24		1715		T1 T2 T3								
Andrew Webb		4-1-24		2230		Andrew Webb		4-2-24		9:00		AVG Temp °C 4								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

## Envirotech Analytical Laboratory

Printed: 4/2/2024 1:47:02PM

## 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:	E404009
Phone:	(575) 631-6977	Date Logged In:	04/01/24 16:34	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	04/08/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



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

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/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

**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 1 (H243050-01)**

BTEx 8021B		mg/kg		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**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 2 (H243050-02)**

BTEx 8021B		mg/kg		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**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: CSW 1 (H243050-04)**

BTEx 8021B		mg/kg		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**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: CSW 2 (H243050-05)**

BTX 8021B		mg/kg		Analyzed 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 BTX	<0.300	0.300	06/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**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: CSW 3 (H243050-06)**

BTEx 8021B		mg/kg		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



**CARDINAL**  
Laboratories

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

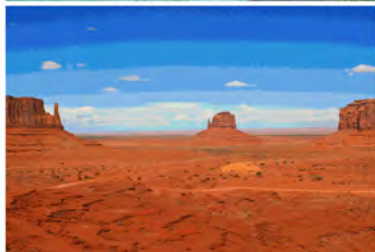
[illegible]

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Relinquished By: <i>Karime Adame</i>		Date: <i>5-31-24</i>	Received By: <i>apenas</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:		Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Time: <i>1301</i>		Time:		REMARKS: <i>Rush!! 24 hrs- Tom@PimaOil.com</i>	
Delivered By: (Circle One) <i>-8-2</i>		Sample Condition	CHECKED BY: (Initials) <i>PP</i>		
Sampler - UPS - Bus - Other: <i>UPS</i>		Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

\* Cardinal cannot accept verbal changes. Please fax written changes to (878) 202 2222

Report to:  
Tom Bynum



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
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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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

**Walter Hinchman**  
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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 25 CTB	<b>Reported:</b> 07/30/24 15:23
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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.



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:23:01PM

## A1-Surface

## E407181-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	97.6 %	50-200		07/24/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A1-1'

E407181-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	ND	20.0	1	07/24/24	07/25/24	



Sample Data

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

A1-2'

E407181-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	98.7 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	94.8 %	50-200		07/24/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	ND	20.0	1	07/24/24	07/25/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:23:01PM

A1-3'

E407181-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	96.7 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	96.7 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	93.5 %	50-200		07/24/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430074
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A1-4'

E407181-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2430105	
Diesel Range Organics (C10-C28)	369	50.0	2	07/25/24	07/27/24	
Oil Range Organics (C28-C36)	488	100	2	07/25/24	07/27/24	
Surrogate: n-Nonane		89.4 %	50-200	07/25/24	07/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430113	
Chloride	ND	20.0	1	07/25/24	07/25/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:23:01PM

## A2-Surface

## E407181-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	101 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8	105 %	70-130		07/24/24	07/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	101 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8	105 %	70-130		07/24/24	07/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	94.1 %	50-200		07/24/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430074
Chloride	ND	20.0	1	07/24/24	07/25/24	



Sample Data

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

A2-1'

E407181-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	96.4 %	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	106 %	70-130		07/24/24	07/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	96.4 %	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	106 %	70-130		07/24/24	07/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	96.0 %	50-200		07/24/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	ND	20.0	1	07/24/24	07/25/24	



Sample Data

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

A2-2'

E407181-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	ND	20.0	1	07/24/24	07/25/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:23:01PM

A2-3'

E407181-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430074
Chloride	ND	20.0	1	07/24/24	07/25/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:23:01PM

A2-4'

E407181-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430074
Chloride	ND	20.0	1	07/24/24	07/25/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:23:01PM

## A3-Surface

## E407181-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	93.4 %	50-200		07/24/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430074
Chloride	ND	20.0	1	07/24/24	07/25/24	



Sample Data

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

A3-1'

E407181-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	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	99.5 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8	105 %	70-130		07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	98.2 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2430071	
Diesel Range Organics (C10-C28)	66.9	25.0	1	07/24/24	07/24/24	
Oil Range Organics (C28-C36)	77.3	50.0	1	07/24/24	07/24/24	
Surrogate: n-Nonane	91.8 %	50-200		07/24/24	07/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	ND	20.0	1	07/24/24	07/25/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:23:01PM

A3-2'

E407181-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	97.1 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430074
Chloride	161	20.0	1	07/24/24	07/25/24	



Sample Data

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

A3-3'

E407181-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	227	20.0	1	07/24/24	07/25/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:23:01PM

A3-4'

E407181-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	95.8 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430074
Chloride	242	20.0	1	07/24/24	07/25/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:23:01PM

## A4-Surface

## E407181-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	94.2 %	50-200		07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	ND	20.0	1	07/24/24	07/25/24	



Sample Data

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

A4-1'

E407181-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	92.9 %	50-200		07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	ND	20.0	1	07/24/24	07/25/24	



Sample Data

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

A4-2'

E407181-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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	98.2 %	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	86.8 %	50-200		07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	ND	20.0	1	07/24/24	07/25/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:23:01PM

A4-3'

E407181-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		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	98.3 %	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430074
Chloride	ND	20.0	1	07/24/24	07/25/24	



Sample Data

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

A4-4'

E407181-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	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	98.7 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8	107 %	70-130		07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	98.7 %	70-130		07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8	107 %	70-130		07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	98.0 %	50-200		07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430074	
Chloride	ND	20.0	1	07/24/24	07/25/24	



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 3:23:01PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2430061-BLK1) Prepared: 07/24/24 Analyzed: 07/25/24

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: 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-BS1) Prepared: 07/24/24 Analyzed: 07/25/24

Benzene	2.28	0.0250	2.50		91.1	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.7	70-130			
Toluene	2.32	0.0250	2.50		92.8	70-130			
o-Xylene	2.27	0.0250	2.50		90.8	70-130			
p,m-Xylene	4.56	0.0500	5.00		91.3	70-130			
Total Xylenes	6.84	0.0250	7.50		91.1	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

Matrix Spike (2430061-MS1) Source: E407181-12 Prepared: 07/24/24 Analyzed: 07/25/24

Benzene	2.34	0.0250	2.50	ND	93.8	48-131			
Ethylbenzene	2.48	0.0250	2.50	ND	99.1	45-135			
Toluene	2.47	0.0250	2.50	ND	98.9	48-130			
o-Xylene	2.40	0.0250	2.50	ND	96.0	43-135			
p,m-Xylene	4.86	0.0500	5.00	ND	97.3	43-135			
Total Xylenes	7.26	0.0250	7.50	ND	96.9	43-135			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

Matrix Spike Dup (2430061-MSD1) Source: E407181-12 Prepared: 07/24/24 Analyzed: 07/25/24

Benzene	2.32	0.0250	2.50	ND	92.7	48-131	1.20	23	
Ethylbenzene	2.37	0.0250	2.50	ND	94.7	45-135	4.46	27	
Toluene	2.38	0.0250	2.50	ND	95.3	48-130	3.71	24	
o-Xylene	2.39	0.0250	2.50	ND	95.5	43-135	0.522	27	
p,m-Xylene	4.81	0.0500	5.00	ND	96.1	43-135	1.19	27	
Total Xylenes	7.19	0.0250	7.50	ND	95.9	43-135	0.968	27	
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	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 3:23:01PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2430107-BLK1) Prepared: 07/25/24 Analyzed: 07/26/24

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: 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-BS1) Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.35	0.0250	2.50		94.1	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.1	70-130			
Toluene	2.32	0.0250	2.50		92.7	70-130			
o-Xylene	2.46	0.0250	2.50		98.6	70-130			
p,m-Xylene	4.91	0.0500	5.00		98.1	70-130			
Total Xylenes	7.37	0.0250	7.50		98.3	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

Matrix Spike (2430107-MS1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.38	0.0250	2.50	ND	95.0	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.9	45-135			
Toluene	2.31	0.0250	2.50	ND	92.2	48-130			
o-Xylene	2.47	0.0250	2.50	ND	98.8	43-135			
p,m-Xylene	4.91	0.0500	5.00	ND	98.1	43-135			
Total Xylenes	7.38	0.0250	7.50	ND	98.3	43-135			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

Matrix Spike Dup (2430107-MSD1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.42	0.0250	2.50	ND	96.9	48-131	2.02	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	3.01	27	
Toluene	2.36	0.0250	2.50	ND	94.5	48-130	2.42	24	
o-Xylene	2.58	0.0250	2.50	ND	103	43-135	4.26	27	
p,m-Xylene	5.09	0.0500	5.00	ND	102	43-135	3.59	27	
Total Xylenes	7.66	0.0250	7.50	ND	102	43-135	3.82	27	
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	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 3:23:01PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2430061-BLK1) Prepared: 07/24/24 Analyzed: 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: 07/24/24 Analyzed: 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: 07/24/24 Analyzed: 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: 07/24/24 Analyzed: 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			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430107-BLK1) Prepared: 07/25/24 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: 07/25/24 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: 07/25/24 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: 07/25/24 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 3:23:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430071-BLK1) Prepared: 07/24/24 Analyzed: 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: 07/24/24 Analyzed: 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: 07/24/24 Analyzed: 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: 07/24/24 Analyzed: 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			



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 3:23:01PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430105-BLK1) Prepared: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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			



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 3:23:01PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2430074-BLK1)					Prepared: 07/24/24 Analyzed: 07/24/24				
Chloride	ND	20.0							
LCS (2430074-BS1)					Prepared: 07/24/24 Analyzed: 07/24/24				
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2430074-MS1)					Source: E407181-04		Prepared: 07/24/24 Analyzed: 07/24/24		
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2430074-MSD1)					Source: E407181-04		Prepared: 07/24/24 Analyzed: 07/24/24		
Chloride	264	20.0	250	ND	106	80-120	3.70	20	



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 3:23:01PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2430113-BLK1)					Prepared: 07/25/24 Analyzed: 07/25/24				
Chloride	ND	20.0							
LCS (2430113-BS1)					Prepared: 07/25/24 Analyzed: 07/25/24				
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2430113-MS1)					Source: E407196-03		Prepared: 07/25/24 Analyzed: 07/25/24		
Chloride	490	20.0	250	268	88.6	80-120			
Matrix Spike Dup (2430113-MSD1)					Source: E407196-03		Prepared: 07/25/24 Analyzed: 07/25/24		
Chloride	520	20.0	250	268	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 15:23

- 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.



## Project Information

## Chain of Custody

Page 1 of 7

<b>Client:</b> Pima Environmental Services <b>Project:</b> Cotton Draw Unit 25 CTB <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>		<b>Bill To</b> <b>Attention:</b> Devon Energy <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 1-249-2 (nAB1914946859)		<b>Lab Use Only</b> <b>Lab WO#</b> E 407181 <b>Job Number</b> 01058-0007		<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA	
				<b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX				<b>State</b> NM CO UT AZ TX X		<b>Remarks</b>	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
8:06	7/22	S	1	A1-Surface	1							X		
8:10				A1-1'	2									
8:17				A1-2'	3									
8:23				A1-3'	4									
8:36				A1-4'	5									
8:41				A2-Surface	6									
8:49				A2-1'	7									
8:50				A2-2'	8									
8:56				A2-3'	9									
8:59				A2-4'	10									

**Additional Instructions:** Work Order/Billing: 21210307

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

Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only	
Karime Arance		7/23/24	1:26	Michelle Gonzales		7-23-24	1:26	Received on ice: Y/ N	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3	
Michelle Gonzales		7-23-24	1645	[Signature]		7-23-24	1715		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C	
[Signature]		7-23-24	2330	[Signature]		7-21-24	0500	4	

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

Note: Samples are discarded 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.

Client: Pima Environmental Services Project: Cotton Draw Unit 25 CTB Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM, 88240 Phone: 806-782-1151 Email: tom@pimaoil.com Report due by:	<b>Bill To</b> Attention: Devon Energy Address: City, State, Zip Phone: Email: Pima Project # 1-249-2 (nAB1914946859)		<b>Lab Use Only</b> Lab WO# E407181 Job Number 01058-0007		<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:03	7/22	S	1	A3-Surface	11							X		
9:11				A3-1'	12									
9:20				A3-2'	13									
9:25				A3-3'	14									
9:31				A3-4'	15									
9:36				A4-Surface	16									
9:42				A4-1'	17									
9:50				A4-2'	18									
9:56				A4-3'	19									
10:11				A4-4'	20									

**Additional Instructions:** Work Order/Billing: 21210307

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

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

Relinquished by: (Signature) <u>Carime Adams</u>	Date <u>7/23/24</u>	Time <u>1:26</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-23-24</u>	Time <u>1326</u>	<b>Lab Use Only</b> Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>7-23-24</u>	Time <u>1645</u>	Received by: (Signature) <u>J. M.</u>	Date <u>7.23.24</u>	Time <u>1715</u>	
Relinquished by: (Signature) <u>J. M.</u>	Date <u>7.23.24</u>	Time <u>2330</u>	Received by: (Signature) <u>Kathryn R Hall</u>	Date <u>7-24-24</u>	Time <u>0500</u>	

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

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

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



## Envirotech Analytical Laboratory

Printed: 7/24/2024 10:04:53AM

## 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:	E407181
Phone:	(575) 631-6977	Date Logged In:	07/23/24 15:27	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	07/30/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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

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.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Cotton Draw Unit 25 CTB Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 7/30/2024 3:26:17PM
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A5-Surface  
E407182-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A5-1'

E407182-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	118	20.0	1	07/24/24	07/24/24	



Sample Data

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

A5-2'

E407182-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	102 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8	99.0 %	70-130		07/24/24	07/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	102 %	70-130		07/24/24	07/24/24	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		07/24/24	07/24/24	
Surrogate: Toluene-d8	99.0 %	70-130		07/24/24	07/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	117 %	50-200		07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	362	20.0	1	07/24/24	07/24/24	



Sample Data

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

A5-3'

E407182-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	124 %	50-200		07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	363	20.0	1	07/24/24	07/24/24	



Sample Data

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

A5-4'

E407182-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	119 %	50-200		07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	152	20.0	1	07/24/24	07/24/24	



Sample Data

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

A6-Surface  
E407182-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430113
Chloride	ND	20.0	1	07/25/24	07/25/24	



Sample Data

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

A6-1'

E407182-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	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	98.2 %	70-130		07/24/24	07/25/24	
Surrogate: Toluene-d8	97.8 %	70-130		07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	119 %	50-200		07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	45.6	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:26:17PM

A6-2'

E407182-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430075
Chloride	46.2	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:26:17PM

A6-3'

E407182-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		117 %	50-200	07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430075
Chloride	24.1	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:26:17PM

A6-4'

E407182-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		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		100 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		98.7 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		100 %	70-130	07/24/24	07/25/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		98.7 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		119 %	50-200	07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430075
Chloride	ND	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:26:17PM

## A7-Surface

## E407182-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430075
Chloride	70.1	20.0	1	07/24/24	07/24/24	



Sample Data

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

A7-1'

E407182-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	40.8	20.0	1	07/24/24	07/24/24	



Sample Data

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

A7-2'

E407182-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		95.3 %	70-130	07/24/24	07/26/24	
Surrogate: Toluene-d8		98.0 %	70-130	07/24/24	07/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	37.6	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:26:17PM

A7-3'

E407182-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		99.5 %	70-130	07/24/24	07/26/24	
Surrogate: Toluene-d8		98.1 %	70-130	07/24/24	07/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		99.5 %	70-130	07/24/24	07/26/24	
Surrogate: Toluene-d8		98.1 %	70-130	07/24/24	07/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		117 %	50-200	07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430075
Chloride	37.3	20.0	1	07/24/24	07/24/24	



Sample Data

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

A7-4'

E407182-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	48.4	20.0	1	07/24/24	07/24/24	



Sample Data

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

A8-Surface  
E407182-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A8-1'

E407182-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	86.8	20.0	1	07/24/24	07/24/24	



Sample Data

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

A8-2'

E407182-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	140 %	50-200		07/24/24	07/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	83.9	20.0	1	07/24/24	07/24/24	



Sample Data

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

A8-3'

E407182-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430075	
Chloride	35.6	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:26:17PM

A8-4'

E407182-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	98.8 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8	99.7 %	70-130		07/24/24	07/26/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	98.8 %	70-130		07/24/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		07/24/24	07/26/24	
Surrogate: Toluene-d8	99.7 %	70-130		07/24/24	07/26/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	124 %	50-200		07/24/24	07/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430075
Chloride	65.1	20.0	1	07/24/24	07/24/24	



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

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2430062-BLK1) Prepared: 07/24/24 Analyzed: 07/25/24

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: 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-BS1) Prepared: 07/24/24 Analyzed: 07/25/24

Benzene	2.65	0.0250	2.50		106	70-130			
Ethylbenzene	2.70	0.0250	2.50		108	70-130			
Toluene	2.54	0.0250	2.50		102	70-130			
o-Xylene	2.75	0.0250	2.50		110	70-130			
p,m-Xylene	5.46	0.0500	5.00		109	70-130			
Total Xylenes	8.22	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			

Matrix Spike (2430062-MS1) Source: E407182-08 Prepared: 07/24/24 Analyzed: 07/26/24

Benzene	2.47	0.0250	2.50	ND	98.7	48-131			
Ethylbenzene	2.54	0.0250	2.50	ND	102	45-135			
Toluene	2.39	0.0250	2.50	ND	95.5	48-130			
o-Xylene	2.62	0.0250	2.50	ND	105	43-135			
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135			
Total Xylenes	7.80	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			

Matrix Spike Dup (2430062-MSD1) Source: E407182-08 Prepared: 07/24/24 Analyzed: 07/26/24

Benzene	2.59	0.0250	2.50	ND	104	48-131	4.90	23	
Ethylbenzene	2.62	0.0250	2.50	ND	105	45-135	3.18	27	
Toluene	2.45	0.0250	2.50	ND	97.9	48-130	2.50	24	
o-Xylene	2.68	0.0250	2.50	ND	107	43-135	2.23	27	
p,m-Xylene	5.33	0.0500	5.00	ND	107	43-135	2.87	27	
Total Xylenes	8.01	0.0250	7.50	ND	107	43-135	2.66	27	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	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

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

## Blank (2430107-BLK1)

Prepared: 07/25/24 Analyzed: 07/26/24

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: 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-BS1)

Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.35	0.0250	2.50		94.1	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.1	70-130			
Toluene	2.32	0.0250	2.50		92.7	70-130			
o-Xylene	2.46	0.0250	2.50		98.6	70-130			
p,m-Xylene	4.91	0.0500	5.00		98.1	70-130			
Total Xylenes	7.37	0.0250	7.50		98.3	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

## Matrix Spike (2430107-MS1)

Source: E407202-01

Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.38	0.0250	2.50	ND	95.0	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.9	45-135			
Toluene	2.31	0.0250	2.50	ND	92.2	48-130			
o-Xylene	2.47	0.0250	2.50	ND	98.8	43-135			
p,m-Xylene	4.91	0.0500	5.00	ND	98.1	43-135			
Total Xylenes	7.38	0.0250	7.50	ND	98.3	43-135			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

## Matrix Spike Dup (2430107-MSD1)

Source: E407202-01

Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.42	0.0250	2.50	ND	96.9	48-131	2.02	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	3.01	27	
Toluene	2.36	0.0250	2.50	ND	94.5	48-130	2.42	24	
o-Xylene	2.58	0.0250	2.50	ND	103	43-135	4.26	27	
p,m-Xylene	5.09	0.0500	5.00	ND	102	43-135	3.59	27	
Total Xylenes	7.66	0.0250	7.50	ND	102	43-135	3.82	27	
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430062-BLK1) Prepared: 07/24/24 Analyzed: 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: 07/24/24 Analyzed: 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: 07/24/24 Analyzed: 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: 07/24/24 Analyzed: 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

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2430107-BLK1) Prepared: 07/25/24 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: 07/25/24 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: 07/25/24 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: 07/25/24 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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430072-BLK1) Prepared: 07/24/24 Analyzed: 07/25/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.7		50.0		115	50-200			

LCS (2430072-BS1) Prepared: 07/24/24 Analyzed: 07/25/24

Diesel Range Organics (C10-C28)	303	25.0	250		121	38-132			
Surrogate: n-Nonane	59.2		50.0		118	50-200			

Matrix Spike (2430072-MS1) Source: E407182-04 Prepared: 07/24/24 Analyzed: 07/25/24

Diesel Range Organics (C10-C28)	301	25.0	250	ND	121	38-132			
Surrogate: n-Nonane	45.8		50.0		91.5	50-200			

Matrix Spike Dup (2430072-MSD1) Source: E407182-04 Prepared: 07/24/24 Analyzed: 07/25/24

Diesel Range Organics (C10-C28)	312	25.0	250	ND	125	38-132	3.53	20	
Surrogate: n-Nonane	49.9		50.0		99.9	50-200			



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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430105-BLK1) Prepared: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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			



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

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2430075-BLK1)					Prepared: 07/24/24 Analyzed: 07/24/24				
Chloride	ND	20.0							
LCS (2430075-BS1)					Prepared: 07/24/24 Analyzed: 07/24/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2430075-MS1)					Source: E407182-02		Prepared: 07/24/24 Analyzed: 07/24/24		
Chloride	366	20.0	250	118	99.2	80-120			
Matrix Spike Dup (2430075-MSD1)					Source: E407182-02		Prepared: 07/24/24 Analyzed: 07/24/24		
Chloride	363	20.0	250	118	97.9	80-120	0.900	20	



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

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2430113-BLK1)					Prepared: 07/25/24 Analyzed: 07/25/24				
Chloride	ND	20.0							
LCS (2430113-BS1)					Prepared: 07/25/24 Analyzed: 07/25/24				
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2430113-MS1)					Source: E407196-03		Prepared: 07/25/24 Analyzed: 07/25/24		
Chloride	490	20.0	250	268	88.6	80-120			
Matrix Spike Dup (2430113-MSD1)					Source: E407196-03		Prepared: 07/25/24 Analyzed: 07/25/24		
Chloride	520	20.0	250	268	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 15:26

- 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: Pima Environmental Services					Bill To					Lab Use Only					TAT				EPA Program					
Project: Cotton Draw Unit 25 CTB					Attention: Devon Energy					Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA				
Project Manager: Tom Bynum					Address:					E407182		01058-0007						X						
Address: 5614 N. Lovington Hwy.					City, State, Zip					Analysis and Method												RCRA		
City, State, Zip Hobbs, NM, 88240					Phone:					DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX						
Phone: 806-782-1151					Email:																			
Email: tom@pimaoil.com					Pima Project # 1-249-2 (nAB1914946859)																			
Report due by:																								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														Remarks					
10:18	7/22	S	1	A5-Surface	1												X							
10:20				A5-1'	2																			
10:27				A5-2'	3																			
10:36				A5-3'	4																			
10:39				A5-4'	5																			
10:43				A6-Surface	6																			
10:51				A6-1'	7																			
10:59				A6-2'	8																			
11:07				A6-3'	9																			
11:10				A6-4'	10																			
Additional Instructions: Work Order/Billing: 21210307																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.														
Relinquished by: (Signature) <i>Carrie Hume</i>					Date <i>7/23/24</i> Time <i>1:26</i>					Received by: (Signature) <i>Michelle Gonzales</i>					Date <i>7-23-24</i> Time <i>1326</i>					Lab Use Only				
Relinquished by: (Signature) <i>Michelle Gonzales</i>					Date <i>7-23-24</i> Time <i>11:45</i>					Received by: (Signature) <i>J.M.</i>					Date <i>7-23-24</i> Time <i>1715</i>					Received on ice: <input checked="" type="radio"/> Y / N				
Relinquished by: (Signature) <i>J.M.</i>					Date <i>7.23.24</i> Time <i>2330</i>					Received by: (Signature) <i>Kyle R Hall</i>					Date <i>7-24-24</i> Time <i>0500</i>					T1 _____ T2 _____ T3 _____				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										AVG Temp °C <i>4</i>				
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.																								

<b>Client:</b> Pima Environmental Services		<b>Bill To</b>		<b>Lab Use Only</b>				<b>TAT</b>				<b>EPA Program</b>	
<b>Project:</b> Cotton Draw Unit 25 CTB		<b>Attention:</b> Devon Energy		<b>Lab WO#</b> E407182		<b>Job Number</b> 01058-0007		1D	2D	3D	Standard	CWA	SDWA
<b>Project Manager:</b> Tom Bynum		<b>Address:</b>		<b>Analysis and Method</b>							X		
<b>Address:</b> 5614 N. Lovington Hwy.		<b>City, State, Zip</b>											
<b>City, State, Zip</b> Hobbs, NM, 88240		<b>Phone:</b>		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				
<b>Phone:</b> 806-782-1151		<b>Email:</b>								BGDOC NM	BGDOC TX		
<b>Email:</b> tom@pimaoil.com		<b>Pima Project #</b> 1-249-2 (nAB1914946859)											
<b>Report due by:</b>													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:17	7/22	S	1	A7-Surface	11							X		
11:23				A7-1'	12									
11:33				A7-2'	13									
11:37				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									
12:27				A8-4'	20									

**Additional Instructions:**

Work Order/Billing: 21210307

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

Sampled by:

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

Relinquished by: (Signature) <i>Kurine Adams</i>	Date 7/23/24	Time 1:26	Received by: (Signature) <i>Michelle Gonzales</i>	Date 7-23-24	Time 1326	<b>Lab Use Only</b> Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 7-23-24	Time 1645	Received by: (Signature) <i>S.H.</i>	Date 7.23.24	Time 1715	
Relinquished by: (Signature) <i>S.H.</i>	Date 7.23.24	Time 2330	Received by: (Signature) <i>Kyph R. H.</i>	Date 7-24-24	Time 0500	

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

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

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

## Envirotech Analytical Laboratory

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

## 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 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Cotton Draw Unit 25 CTB has been separated into multiple WO due to high sample volume. WO are E407181-E407183. Name of sampler is missing in COC by client. Jar for sample #6 was empty. Emailed client and will send more sample.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

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

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.



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:27:58PM

### A9-Surface

**E407183-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2430083
Diesel Range Organics (C10-C28)	<b>1960</b>	25.0	1	07/24/24	07/25/24	
Oil Range Organics (C28-C36)	<b>893</b>	50.0	1	07/24/24	07/25/24	
Surrogate: n-Nonane		116 %	50-200	07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430080
Chloride	<b>32.4</b>	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:27:58PM

A-9-1'

E407183-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2430083
Diesel Range Organics (C10-C28)	2350	125	5	07/24/24	07/27/24	
Oil Range Organics (C28-C36)	784	250	5	07/24/24	07/27/24	
Surrogate: n-Nonane		103 %	50-200	07/24/24	07/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430080
Chloride	35.6	20.0	1	07/24/24	07/24/24	



Sample Data

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

A9-2'

E407183-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		91.7 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	69.4	20.0	1	07/24/24	07/24/24	



Sample Data

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

A9-3'

E407183-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	62.6	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:27:58PM

A9-4'

E407183-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	ND	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:27:58PM

## A10-Surface

## E407183-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		90.2 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		90.2 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		108 %	50-200	07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430080
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A10-1'  
E407183-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		117 %	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		108 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		117 %	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		108 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A10-2'  
E407183-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A10-3'  
E407183-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		92.3 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		92.3 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		108 %	50-200	07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430080
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A10-4'

E407183-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	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		89.8 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	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		89.8 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A11-Surface  
E407183-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		109 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		109 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		111 %	50-200	07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	ND	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:27:58PM

A11-1'

E407183-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430080
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A11-2'

E407183-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		92.8 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		92.8 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A11-3'

E407183-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		91.0 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		91.0 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		108 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		117 %	50-200	07/24/24	07/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

A11-4'

E407183-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		88.8 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		107 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	ND	20.0	1	07/24/24	07/24/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:27:58PM

## AW1-Comp

## E407183-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		92.3 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		92.3 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	07/24/24	07/26/24	
Surrogate: n-Nonane		117 %	50-200	07/24/24	07/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430080
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

AW2-Comp  
E407183-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	07/24/24	07/26/24	
Surrogate: n-Nonane		117 %	50-200	07/24/24	07/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

AW3-Comp  
E407183-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	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		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2430113	
Chloride	ND	20.0	1	07/25/24	07/25/24	



Sample Data

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

AW4-Comp  
E407183-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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		90.7 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		90.7 %	70-130	07/24/24	07/25/24	
Surrogate: Toluene-d8		109 %	70-130	07/24/24	07/25/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	07/24/24	07/26/24	
Surrogate: n-Nonane		113 %	50-200	07/24/24	07/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2430080	
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

AW5-Comp  
E407183-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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		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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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		88.6 %	50-200	07/25/24	07/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2430113
Chloride	ND	20.0	1	07/25/24	07/25/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 21064-0001  
Project Manager: Tom Bynum

**Reported:**  
7/30/2024 3:27:58PM

## AW6-Comp

## E407183-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430053
Chloride	ND	20.0	1	07/24/24	07/24/24	



Sample Data

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

AW7-Comp  
E407183-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	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	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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	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	93.3 %	50-200		07/25/24	07/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: JM		Batch: 2430053
Chloride	ND	20.0	1	07/24/24	07/25/24	



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 3:27:58PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2430063-BLK1) Prepared: 07/24/24 Analyzed: 07/25/24

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: 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-BS1) Prepared: 07/24/24 Analyzed: 07/25/24

Benzene	2.14	0.0250	2.50		85.5	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.0	70-130			
Toluene	2.35	0.0250	2.50		94.1	70-130			
o-Xylene	2.52	0.0250	2.50		101	70-130			
p,m-Xylene	5.02	0.0500	5.00		100	70-130			
Total Xylenes	7.54	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.570		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			

Matrix Spike (2430063-MS1) Source: E407183-10 Prepared: 07/24/24 Analyzed: 07/25/24

Benzene	2.25	0.0250	2.50	ND	90.1	48-131			
Ethylbenzene	2.45	0.0250	2.50	ND	98.0	45-135			
Toluene	2.46	0.0250	2.50	ND	98.3	48-130			
o-Xylene	2.60	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.20	0.0500	5.00	ND	104	43-135			
Total Xylenes	7.79	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.572		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

Matrix Spike Dup (2430063-MSD1) Source: E407183-10 Prepared: 07/24/24 Analyzed: 07/25/24

Benzene	2.21	0.0250	2.50	ND	88.4	48-131	1.90	23	
Ethylbenzene	2.46	0.0250	2.50	ND	98.5	45-135	0.488	27	
Toluene	2.46	0.0250	2.50	ND	98.5	48-130	0.183	24	
o-Xylene	2.61	0.0250	2.50	ND	105	43-135	0.691	27	
p,m-Xylene	5.22	0.0500	5.00	ND	104	43-135	0.355	27	
Total Xylenes	7.83	0.0250	7.50	ND	104	43-135	0.467	27	
Surrogate: Bromofluorobenzene	0.580		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	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 3:27:58PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2430079-BLK1) Prepared: 07/24/24 Analyzed: 07/26/24

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: 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-BS1) Prepared: 07/24/24 Analyzed: 07/26/24

Benzene	2.33	0.0250	2.50		93.3	70-130			
Ethylbenzene	2.45	0.0250	2.50		98.0	70-130			
Toluene	2.43	0.0250	2.50		97.4	70-130			
o-Xylene	2.34	0.0250	2.50		93.5	70-130			
p,m-Xylene	4.73	0.0500	5.00		94.5	70-130			
Total Xylenes	7.06	0.0250	7.50		94.2	70-130			
Surrogate: Bromofluorobenzene	0.479		0.500		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.523		0.500		105	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

Matrix Spike (2430079-MS1) Source: E407191-01 Prepared: 07/24/24 Analyzed: 07/26/24

Benzene	2.32	0.0250	2.50	ND	92.8	48-131			
Ethylbenzene	2.44	0.0250	2.50	ND	97.7	45-135			
Toluene	2.44	0.0250	2.50	ND	97.6	48-130			
o-Xylene	2.40	0.0250	2.50	ND	96.0	43-135			
p,m-Xylene	4.83	0.0500	5.00	ND	96.7	43-135			
Total Xylenes	7.23	0.0250	7.50	ND	96.4	43-135			
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

Matrix Spike Dup (2430079-MSD1) Source: E407191-01 Prepared: 07/24/24 Analyzed: 07/26/24

Benzene	2.32	0.0250	2.50	ND	92.8	48-131	0.0216	23	
Ethylbenzene	2.45	0.0250	2.50	ND	97.8	45-135	0.164	27	
Toluene	2.45	0.0250	2.50	ND	97.8	48-130	0.266	24	
o-Xylene	2.40	0.0250	2.50	ND	95.8	43-135	0.125	27	
p,m-Xylene	4.85	0.0500	5.00	ND	96.9	43-135	0.248	27	
Total Xylenes	7.24	0.0250	7.50	ND	96.6	43-135	0.124	27	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	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 3:27:58PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2430107-BLK1) Prepared: 07/25/24 Analyzed: 07/26/24

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: 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-BS1) Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.35	0.0250	2.50		94.1	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.1	70-130			
Toluene	2.32	0.0250	2.50		92.7	70-130			
o-Xylene	2.46	0.0250	2.50		98.6	70-130			
p,m-Xylene	4.91	0.0500	5.00		98.1	70-130			
Total Xylenes	7.37	0.0250	7.50		98.3	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

Matrix Spike (2430107-MS1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.38	0.0250	2.50	ND	95.0	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.9	45-135			
Toluene	2.31	0.0250	2.50	ND	92.2	48-130			
o-Xylene	2.47	0.0250	2.50	ND	98.8	43-135			
p,m-Xylene	4.91	0.0500	5.00	ND	98.1	43-135			
Total Xylenes	7.38	0.0250	7.50	ND	98.3	43-135			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

Matrix Spike Dup (2430107-MSD1) Source: E407202-01 Prepared: 07/25/24 Analyzed: 07/26/24

Benzene	2.42	0.0250	2.50	ND	96.9	48-131	2.02	23	
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	3.01	27	
Toluene	2.36	0.0250	2.50	ND	94.5	48-130	2.42	24	
o-Xylene	2.58	0.0250	2.50	ND	103	43-135	4.26	27	
p,m-Xylene	5.09	0.0500	5.00	ND	102	43-135	3.59	27	
Total Xylenes	7.66	0.0250	7.50	ND	102	43-135	3.82	27	
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430063-BLK1) Prepared: 07/24/24 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: 07/24/24 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: 07/24/24 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: 07/24/24 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: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.554		0.500		111	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2430079-BLK1) Prepared: 07/24/24 Analyzed: 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: 07/24/24 Analyzed: 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: 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: 07/24/24 Analyzed: 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			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430107-BLK1) Prepared: 07/25/24 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: 07/25/24 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: 07/25/24 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: 07/25/24 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 3:27:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430083-BLK1) Prepared: 07/24/24 Analyzed: 07/25/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.6		50.0		119	50-200			

LCS (2430083-BS1) Prepared: 07/24/24 Analyzed: 07/25/24

Diesel Range Organics (C10-C28)	233	25.0	250		93.3	38-132			
Surrogate: n-Nonane	60.0		50.0		120	50-200			

Matrix Spike (2430083-MS1) Source: E407183-04 Prepared: 07/24/24 Analyzed: 07/25/24

Diesel Range Organics (C10-C28)	242	25.0	250	ND	97.0	38-132			
Surrogate: n-Nonane	58.3		50.0		117	50-200			

Matrix Spike Dup (2430083-MSD1) Source: E407183-04 Prepared: 07/24/24 Analyzed: 07/25/24

Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.7	38-132	2.40	20	
Surrogate: n-Nonane	58.4		50.0		117	50-200			



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 3:27:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430104-BLK1) Prepared: 07/25/24 Analyzed: 07/26/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.1		50.0		108	50-200			

LCS (2430104-BS1) Prepared: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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			



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 3:27:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430105-BLK1) Prepared: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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: 07/25/24 Analyzed: 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			



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 3:27:58PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2430053-BLK1)					Prepared: 07/24/24 Analyzed: 07/24/24				
Chloride	ND	20.0							
LCS (2430053-BS1)					Prepared: 07/24/24 Analyzed: 07/24/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2430053-MS1)					Source: E407176-05		Prepared: 07/24/24 Analyzed: 07/24/24		
Chloride	271	20.0	250	ND	109	80-120			
Matrix Spike Dup (2430053-MSD1)					Source: E407176-05		Prepared: 07/24/24 Analyzed: 07/24/24		
Chloride	273	20.0	250	ND	109	80-120	0.541	20	



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 3:27:58PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2430080-BLK1)					Prepared: 07/24/24 Analyzed: 07/24/24				
Chloride	ND	20.0							
LCS (2430080-BS1)					Prepared: 07/24/24 Analyzed: 07/24/24				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2430080-MS1)					Source: E407183-07		Prepared: 07/24/24 Analyzed: 07/24/24		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2430080-MSD1)					Source: E407183-07		Prepared: 07/24/24 Analyzed: 07/24/24		
Chloride	253	20.0	250	ND	101	80-120	0.247	20	



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 3:27:58PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2430113-BLK1)					Prepared: 07/25/24 Analyzed: 07/25/24				
Chloride	ND	20.0							
LCS (2430113-BS1)					Prepared: 07/25/24 Analyzed: 07/25/24				
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2430113-MS1)					Source: E407196-03		Prepared: 07/25/24 Analyzed: 07/25/24		
Chloride	490	20.0	250	268	88.6	80-120			
Matrix Spike Dup (2430113-MSD1)					Source: E407196-03		Prepared: 07/25/24 Analyzed: 07/25/24		
Chloride	520	20.0	250	268	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.



## Project Information

## Chain of Custody

Page 5 of 7

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT	EPA Program
Project: Cotton Draw Unit 25 CTB	Attention: Devon Energy	Lab WO# E407183	1D 2D 3D Standard	CWA SDWA
Project Manager: Tom Bynum	Address:	Job Number 01058-0007	X	
Address: 5614 N. Lovington Hwy.	City, State, Zip	Analysis and Method		RCRA
City, State, Zip Hobbs, NM, 88240	Phone:			
Phone: 806-782-1151	Email:			
Email: tom@pimaoil.com				
Report due by:	Pima Project # 1-249-2 (nAB1914946859)			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
12:33	7/22	S	1	A9-Surface	1							X		
12:39				A9-1'	2									
12:45				A9-2'	3									
12:56				A9-3'	4									
12:59				A9-4'	5									
1:04				A10-Surface	6									
1:10				A10-1'	7									
1:17				A10-2'	8									
1:26				A10-3'	9									
1:33				A10-4'	10									

## Additional Instructions:

Work Order/Billing: 21210307

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

Sampled by:

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

Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 7/23/24	Time 1:26	Received by: (Signature) <i>Michelle Gonzales</i>	Date 7-23-24	Time 1326	Lab Use Only
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 7-23-24	Time 1645	Received by: (Signature) <i>A.M.</i>	Date 7-23-24	Time 1715	Received on ice: <input checked="" type="checkbox"/> N
Relinquished by: (Signature) <i>A.M.</i>	Date 7-23-24	Time 2330	Received by: (Signature) <i>Keyshia R Hall</i>	Date 7-24-24	Time 0500	T1 T2 T3
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						AVG Temp °C 4
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						

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

<b>Client: Pima Environmental Services</b> Project: Cotton Draw Unit 25 CTB Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM, 88240 Phone: 806-782-1151 Email: tom@pimaoil.com Report due by:	<b>Bill To</b> Attention: Devon Energy Address: City, State, Zip Phone: Email: Pima Project # 1-249-2 (nAB1914946859)		<b>Lab Use Only</b> Lab WO# E407183 Job Number 01058 0007		<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA				
	<b>Analysis and Method</b>					<b>State</b>							
	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	NM	CO	UT	AZ	TX
									X				
	<b>Remarks</b>												

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
1:39	7/22	S	1	A11-Surface	11							X		
1:40				A11-1'	12									
1:46				A11-2'	13									
1:50				A11-3'	14									
1:58				A11-4'	15									
2:06				AW1-Comp	16									
2:11				AW2-Comp	17									
2:21				AW3-Comp	18									
2:26				AW4-Comp	19									
2:33				AW5-Comp	20									

**Additional Instructions:** Work Order/Billing: 21210307

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

Sampled by:

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

Relinquished by: (Signature) <i>Veronica Hernandez</i>	Date 7/23/24	Time 1:26	Received by: (Signature) <i>Michelle Gonzales</i>	Date 7-23-24	Time 1326	<b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
Relinquished by: (Signature) <i>Michelle Gonzales</i>	Date 7-23-24	Time 1645	Received by: (Signature) <i>J.M.</i>	Date 7-23-24	Time 1715	
Relinquished by: (Signature) <i>J.M.</i>	Date 7-23-24	Time 2330	Received by: (Signature) <i>Kyleigh R. Heep</i>	Date 7-24-24	Time 0500	

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.

Client: Pima Environmental Services			Bill To			Lab Use Only				TAT				EPA Program									
Project: Cotton Draw Unit 25 CTB			Attention: Devon Energy			Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA								
Project Manager: Tom Bynum			Address:			F407183		01058-0007					X										
Address: 5614 N. Lovington Hwy.			City, State, Zip			Analysis and Method										RCRA							
City, State, Zip Hobbs, NM, 88240			Phone:																				
Phone: 806-782-1151			Email:																				
Email: tom@pimaoil.com			Pima Project # 1-249-2 (nAB1914946859)																				
Report due by:																							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			State	NM	CO	UT	AZ	TX
2:36	7/22	S	1	AW6-Comp	21									X									
2:44	7/22	I	1	AW7-Comp	22																		
Additional Instructions:																		Work Order/Billing: 21210307					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.											
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only							
Terrence Adams				7/23/24		1:26		Michelle Gonzales				7-23-24		1326		Received on ice: Y/ N							
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		T1 T2 T3							
Michelle Gonzales				7-23-24		1645		L.H.				7-23-24		1715									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		AVG Temp °C							
L.H.				7-23-24		2330		Kyrstin R Hall				7-24-24		0500		4							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

## Envirotech Analytical Laboratory

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

## 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 Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Cotton Draw Unit 25 CTB has been separated into multiple WO due to high sample volume. WO are E407181-E407183. Name of sampler is missing in COC by client. Jar for sample #18 & 20 were empty. Emailed client and will send more sample.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# 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

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 8/27/24

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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[mgonzaless@envirotech-inc.com](mailto:mgonzaless@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

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

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.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Cotton Draw Unit 25 CTB Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 8/27/2024 3:46:11PM
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CS1-1'  
E408220-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2435026	
Chloride	36.5	20.0	1	08/27/24	08/27/24	



Sample Data

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

CS2-1'  
E408220-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	106 %	70-130		08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2435027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
	71.2 %	50-200		08/27/24	08/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2435026	
Chloride	59.9	20.0	1	08/27/24	08/27/24	



Sample Data

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

CS3-2'  
E408220-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2435027
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.1 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		76.8 %	50-200	08/27/24	08/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2435026
Chloride	42.1	20.0	1	08/27/24	08/27/24	



## Sample Data

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

Project Name: Cotton Draw Unit 25 CTB  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/27/2024 3:46:11PM

CS4-2'

E408220-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2435027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.4 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		89.7 %	50-200	08/27/24	08/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2435026	
Chloride	34.0	20.0	1	08/27/24	08/27/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Cotton Draw Unit 25 CTB Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 8/27/2024 3:46:11PM
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CS5-1.5'

E408220-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2435027
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.8 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: 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	
<i>Surrogate: n-Nonane</i>						
		88.0 %	50-200	08/27/24	08/27/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2435026
Chloride	38.2	20.0	1	08/27/24	08/27/24	



Sample Data

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

CSW1-1'

E408220-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2435026	
Chloride	40.1	20.0	1	08/27/24	08/27/24	



Sample Data

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

CSW2-2'

E408220-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2435026	
Chloride	38.5	20.0	1	08/27/24	08/27/24	



Sample Data

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

CSW3-1.5'  
E408220-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: 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	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2435026	
Chloride	41.1	20.0	1	08/27/24	08/27/24	



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2435027-BLK1) Prepared: 08/27/24 Analyzed: 08/27/24

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	7.17		8.00		89.6	70-130			

LCS (2435027-BS1) Prepared: 08/27/24 Analyzed: 08/27/24

Benzene	4.88	0.0250	5.00		97.5	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.1	70-130			
Toluene	4.98	0.0250	5.00		99.5	70-130			
o-Xylene	4.95	0.0250	5.00		98.9	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130			

Matrix Spike (2435027-MS1) Source: E408219-01 Prepared: 08/27/24 Analyzed: 08/27/24

Benzene	4.84	0.0250	5.00	ND	96.9	54-133			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133			
Toluene	4.94	0.0250	5.00	ND	98.7	61-130			
o-Xylene	4.90	0.0250	5.00	ND	98.0	63-131			
p,m-Xylene	9.97	0.0500	10.0	ND	99.7	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130			

Matrix Spike Dup (2435027-MSD1) Source: E408219-01 Prepared: 08/27/24 Analyzed: 08/27/24

Benzene	4.85	0.0250	5.00	ND	96.9	54-133	0.0351	20	
Ethylbenzene	4.94	0.0250	5.00	ND	98.8	61-133	0.572	20	
Toluene	4.96	0.0250	5.00	ND	99.2	61-130	0.449	20	
o-Xylene	4.92	0.0250	5.00	ND	98.5	63-131	0.507	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	0.517	20	
Total Xylenes	15.0	0.0250	15.0	ND	99.7	63-131	0.514	20	
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.8	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2435027-BLK1) Prepared: 08/27/24 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: 08/27/24 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: 08/27/24 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: 08/27/24 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			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2435025-BLK1) Prepared: 08/27/24 Analyzed: 08/27/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.6		50.0		85.2	50-200			

LCS (2435025-BS1) Prepared: 08/27/24 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: 08/27/24 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			



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2435026-BLK1)					Prepared: 08/27/24 Analyzed: 08/27/24				
Chloride	ND	20.0							
LCS (2435026-BS1)					Prepared: 08/27/24 Analyzed: 08/27/24				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2435026-MS1)					Source: E408220-02		Prepared: 08/27/24 Analyzed: 08/27/24		
Chloride	309	20.0	250	59.9	99.5	80-120			
Matrix Spike Dup (2435026-MSD1)					Source: E408220-02		Prepared: 08/27/24 Analyzed: 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.



## Project Information

## Chain of Custody

Page 1 of 1

Client: Pima Environmental Services					Bill To		Lab Use Only						TAT				EPA Program	
Project: Cotton Draw Unit 25 CTB					Attention: Devon Energy		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum					Address:		E408220		01058-0007		X							
Address: 5614 N. Lovington Hwy.					City, State, Zip		Analysis and Method										RCRA	
City, State, Zip Hobbs, NM, 88240					Phone:		DRO/RO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State			
Phone: 806-782-1151					Email:										NM	CO		
Email: tom@pimaoil.com					Pima Project # 1-249-2 (nAB1914946859)										UT	AZ		
Report due by:															TX			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												Remarks	
9:30	8/23/24	S	1	CS1-1'	1									X				
9:37				CS2-1'	2													
9:43				CS3-2'	3													
9:54				CS4-2'	4													
10:12				CS5-1.5'	5													
10:16				CSW1-1'	6													
10:23				CSW2-2'	7													
10:33				CSW3-1.5'	8													

**Additional Instructions:** Work Order/Billing: 21210307

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

Relinquished by: (Signature) Karime Adame Date 8/26/24 Time 1525 Received by: (Signature) Michelle Gonzales Date 8-26-24 Time 1525

Relinquished by: (Signature) Michelle Gonzales Date 8-26-24 Time 1735 Received by: (Signature) J.M. Date 8-26-24 Time 1745

Relinquished by: (Signature) J.M. Date 8-26-24 Time 2345 Received by: (Signature) Kuyler R Hall Date 8-27-24 Time 0500

Lab Use Only  
Received on ice: Y / N  
T1 T2 T3  
AVG Temp °C 4

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

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

## Envirotech Analytical Laboratory

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

## 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 06:00	Work Order ID:	E408220
Phone:	(575) 631-6977	Date Logged In:	08/26/24 16:41	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	08/27/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Sampled by name is missing on COC by client.  
Samples are missing time and collectors initial.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
COMPANY 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	Cl 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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QUESTIONS  
  
Action 380648

QUESTIONS

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

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	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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QUESTIONS, Page 2  
  
Action 380648

QUESTIONS (continued)

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/04/2024
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QUESTIONS, Page 3

Action 380648

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
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	380648
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[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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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 provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	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 completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	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 at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 380648

**QUESTIONS (continued)**

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	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 09/04/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 380648

QUESTIONS (continued)

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

QUESTIONS

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

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Action 380648

**QUESTIONS (continued)**

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**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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/04/2024
--	--

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QUESTIONS, Page 7  
  
Action 380648

QUESTIONS (continued)

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	[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 By	Condition	Condition Date
scwells	None	9/19/2024