



SITE ASSESSMENT AND REMEDIATION WORK PLAN

Cotton Draw Unit #135H

Incident ID NAB1604335172

API: 30-015-38533

Prepared By:

Pima Environmental Services, LLC

Prepared For:

Devon Energy Production, LP

DECEMBER 5, 2024

PIMA ENVIRONMENTAL SERVICES, LLC
5614 N Lovington Hwy, Hobbs, NM 88240

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



December 5, 2024

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

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

Re: Site Assessment and Remediation Work Plan
Cotton Draw Unit #135H
API No. 30-015-38533
GPS: Latitude 32.1527023 Longitude -103.7520752
UL -- N, Sec. 2, T25S, R31E
Eddy County, NM
NMOCD Ref. No. NAB1604335172

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment and write this remediation work plan for a crude oil release that occurred at the Cotton Draw Unit #135H (CDU). The initial C-141 was submitted on February 10, 2016 (Appendix C). This incident was assigned Incident ID NAB1604335172 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The CDU is located approximately twenty (20) miles southeast of Malaga, NM. This spill site is in Unit N, Section 2, Township 25S, Range 31E, Latitude 32.1527023 Longitude -103.7520752, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and piedmont deposits (Holocene to middle Pleistocene). The soil in this area is made up of Berino complex, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present in the area of the CDU (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 55 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is greater than 406.45 feet BGS. The closest waterway is the Pecos River, located approximately 12.79 miles to the southwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic Map.

Release Information

Release Information

NAB1604335172: On January 12th, 2016, The LACT unit pump housing broke resulting in a 180-barrel release of crude oil. The tank load line valves were immediately shut down to prevent further release. The approximate affected area was 150 feet by 75 feet east of the LACT unit. All 180 barrels of crude oil remained on location. A vacuum truck recovered approximately 175 barrels of the released crude oil.



Remediation Activities, Site Assessment, and Soil Sampling Results

On June 26th, 2023, Pima Environmental mobilized personnel to assess the impacted area. Pima collected a total of thirty soil samples for laboratory analysis. Six bottom samples (S1-S6) were collected at various depths to determine vertical delineation. Additionally, sidewall samples (SW1-SW6) were collected at a depth of 6 inches to determine horizontal delineation. A Site Map can be found in Figure 4.

6-26-2023 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY - COTTON DRAW UNIT 135H								
Sample Date: 6/26/2023				NM Approved Laboratory Results				
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	197	259	456	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
S-2	1'	ND	ND	ND	40.7	71.9	112.6	ND
	3'	ND	ND	ND	ND	ND	0	29
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	52.3
	4'	ND	ND	ND	ND	ND	0	75.3
	5'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	39.3
	3'	ND	ND	ND	ND	ND	0	52.8
	4'	ND	ND	ND	ND	ND	0	82
	5'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	396	400	796	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
S-6	1'	ND	ND	ND	ND	ND	0	116
	3'	ND	ND	ND	ND	ND	0	138
	4'	ND	ND	ND	44.7	56.9	101.6	171
	5'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
SW 5	6"	ND	ND	ND	ND	ND	0	ND
SW 6	6"	ND	ND	ND	ND	ND	0	ND

ND: Analyte Not Detected

Complete Laboratory Reports are attached in Appendix E.



Based on the soil sample results, a remediation closure report was submitted to the NMOCD on July 18, 2023, under Application ID: 239928 but was rejected by the NMOCD for the following reasons:

Countermeasures Due to Closure Rejection: (239928)

On July 18, 2023, the NMOCD denied the remediation closure report citing:

"The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NAB1604335172.

- **Closure denied. The submitted samples do not meet the sampling requirements of 19.15.29.12 D NMAC. Additional delineation required in areas of TPH exceeding 100 ppm in the top four feet. Report refers to a produced water release when C-141 identifies the released material as oil. Submit a report by 11/20/2023.**

The rejected C-141 can be found in the OCD Online: Permitting-Action Status, under Application ID: 239928. Please review and make the required correction(s) prior to resubmitting. "If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141."

In response to the rejected closure report, Pima personnel mobilized personnel to the CDU to conduct sampling to complete delineation. Forty (40) bottom samples were collected at intervals of 1', 2', 3' and 4'. Six (6) composite sidewall samples were collected from 0-4'. These samples were put on ice, jarred, then delivered to Envirotech Analytical Laboratories to be analyzed for all constituents listed in Table 1 19.15.29.12 NMAC. The results of this sampling event can be found in the data table below. Site Map (2) for this sampling event is referenced in Figure 5.

10-25-24 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <51")								
DEVON ENERGY Cotton Draw Unit 135H								
Date: 10-25-24		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
S1	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
S2	1'	3.08	ND	26.6	5300	1790	7119.68	ND
	2'	ND	ND	ND	138	76.3	214.3	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S3	1'	2.39	ND	23.2	5370	1770	7165.59	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
S4	1'	ND	ND	ND	96.9	115	211.9	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

Pima Environmental Services

5614 N Lovington Hwy

Hobbs, NM 88240

575-964-7740



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <51")								
DEVON ENERGY Cotton Draw Unit 135H								
Date: 10-25-24		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	CI mg/kg
S5	1'	ND	ND	ND	197	197	394	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
S6	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
S7	1'	ND	ND	ND	35.9	ND	35.9	ND
	2'	ND	ND	ND	46.2	ND	46.2	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S8	1'	6.66	ND	258	5400	1680	7344.66	ND
	2'	ND	ND	ND	125	98.6	223.6	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S9	1'	4.446	ND	192	9870	3460	13526.446	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
S10	1'	0.0495	ND	ND	1140	496	1636.0495	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
S11	1'	ND	ND	ND	194	222	416	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
S12	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
S13	1'	ND	ND	ND	55	52.6	107.6	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

Pima Environmental Services

5614 N Lovington Hwy

Hobbs, NM 88240

575-964-7740



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <51")								
DEVON ENERGY Cotton Draw Unit 135H								
Date: 10-25-24		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	CI mg/kg
S14	1'	ND	ND	ND	38.4	ND	38.4	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
S15	1'	5.98	ND	209	9020	3070	12304.98	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
S16	1'	5.07	ND	115	7750	2950	10820.07	ND
	2'	0.107	ND	ND	ND	ND	0.107	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S17	1'	ND	ND	ND	307	327	634	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
S18	1'	ND	ND	ND	314	210	524	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
S19	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
S20	1'	ND	ND	ND	84.7	94.7	179.4	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
S21	1'	10.8	ND	182	8520	2340	11052.8	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
S22	1'	5.29	ND	124	6460	2030	8619.29	ND
	2'	ND	ND	ND	48.1	63.6	111.7	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND

Pima Environmental Services

5614 N Lovington Hwy

Hobbs, NM 88240

575-964-7740



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <51")								
DEVON ENERGY Cotton Draw Unit 135H								
Date: 10-25-24		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
S23	1'	ND	ND	ND	151	169	320	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
S24	1'	ND	ND	ND	141	139	280	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
S25	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
S26	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
S27	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
S28	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
S29	1'	ND	ND	ND	30.8	ND	30.8	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
S30	1'	ND	ND	ND	117	55	172	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
S31	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

Pima Environmental Services

5614 N Lovington Hwy

Hobbs, NM 88240

575-964-7740



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <51")								
DEVON ENERGY Cotton Draw Unit 135H								
Date: 10-25-24		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
S32	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
S33	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
S34	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
S35	1'	ND	ND	ND	37	ND	37	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
S36	1'	ND	ND	ND	80.6	ND	80.6	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
S37	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
S38	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
S39	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
S40	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



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <51")								
DEVON ENERGY Cotton Draw Unit 135H								
Date: 10-25-24		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
SW1	COMP	ND	ND	ND	ND	ND	0	ND
SW2	COMP	ND	ND	ND	ND	ND	0	ND
SW3	COMP	ND	ND	ND	ND	ND	0	ND
SW4	COMP	ND	ND	ND	ND	ND	0	ND
SW5	COMP	ND	ND	ND	ND	ND	0	ND
SW6	COMP	ND	ND	ND	ND	ND	0	ND

ND/0- Analyte Not Detected

Complete Laboratory Reports can be found in Appendix E.

Based on the sample results, remediation of areas S2, S3, S8, S9, S10, S15, S16, S21, and S22 are required. On behalf of Devon, Pima proposes to remediate these areas by the following method:

1. Submit a one-call through the NM811 system.
2. The estimated volume of soil to be remediated from the above-mentioned sample points is based on a 200 square foot area per sample point, totaling 1,800 square feet at an average depth of 1 ½ feet below ground surface and approximately 100 cubic yards.
3. We propose to excavate the affected areas using mechanical and hand equipment and dispose of the contaminated soil at an NMOCD-approved facility. A Proposed Excavation Map can be found in Figure 6.
4. After Devon submits a 48-hour sampling notification, we will collect 5-point composite samples from the excavated areas. These sample points will include base samples from excavated areas, and sidewall samples from the walls of each excavation representative of no more than 200 square feet.
5. Upon final receipt of laboratory reports showing contamination levels are under the regulatory limits of Table 1 19.15.29 NMAC. The excavation will be backfilled with clean, like material, and a remediation closure report will be drafted and submitted to the NMOCD portal for review and approval.
6. Work will commence within 30 days of approval of this work plan by NMOCD and will be completed within 30 days after the start of construction.

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

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

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

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



Attachments

Figures:

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

Appendices:

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



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map


5-Site Map (2)

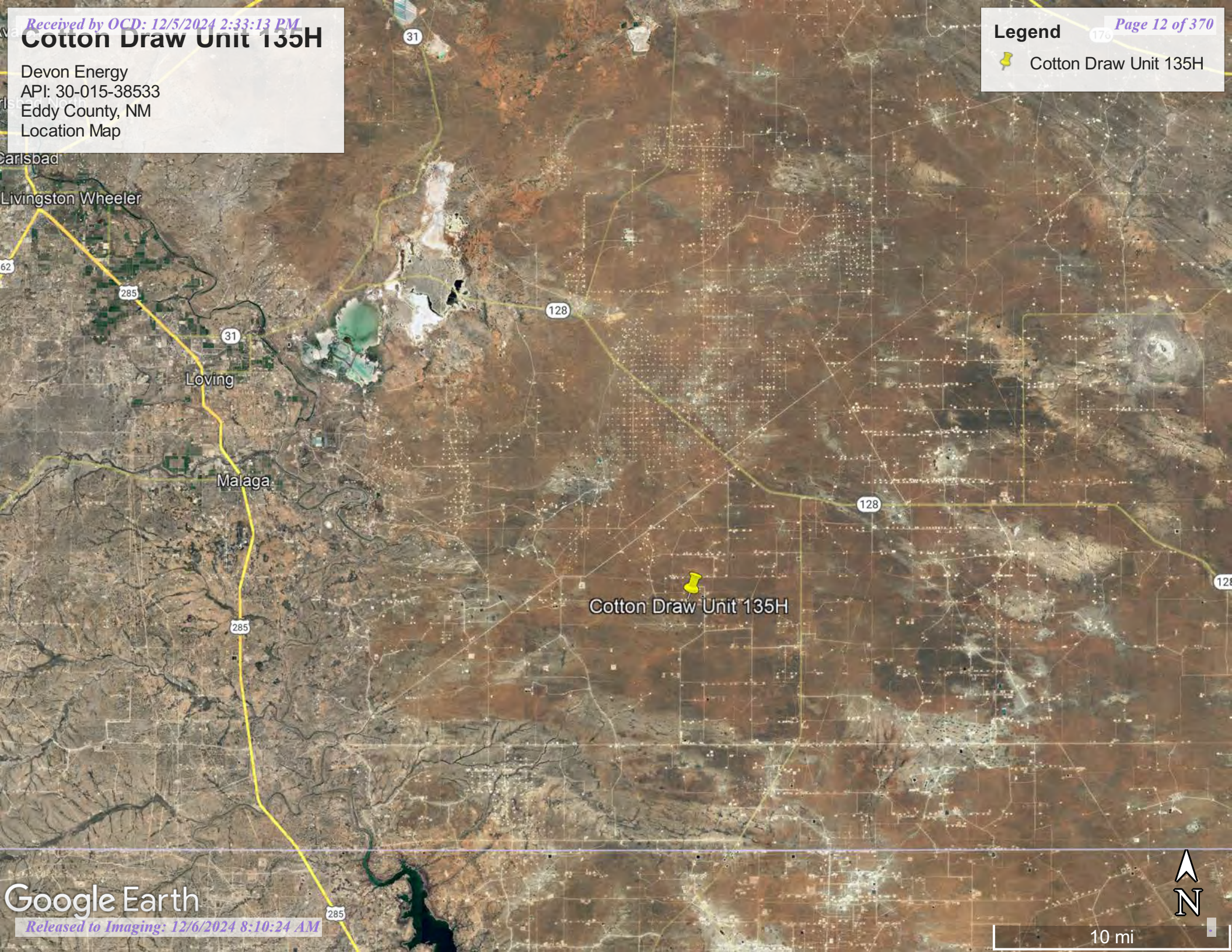
6-Proposed Excavation Map

Cotton Draw Unit 135H

Devon Energy
API: 30-015-38533
Eddy County, NM
Location Map

Legend

 Cotton Draw Unit 135H



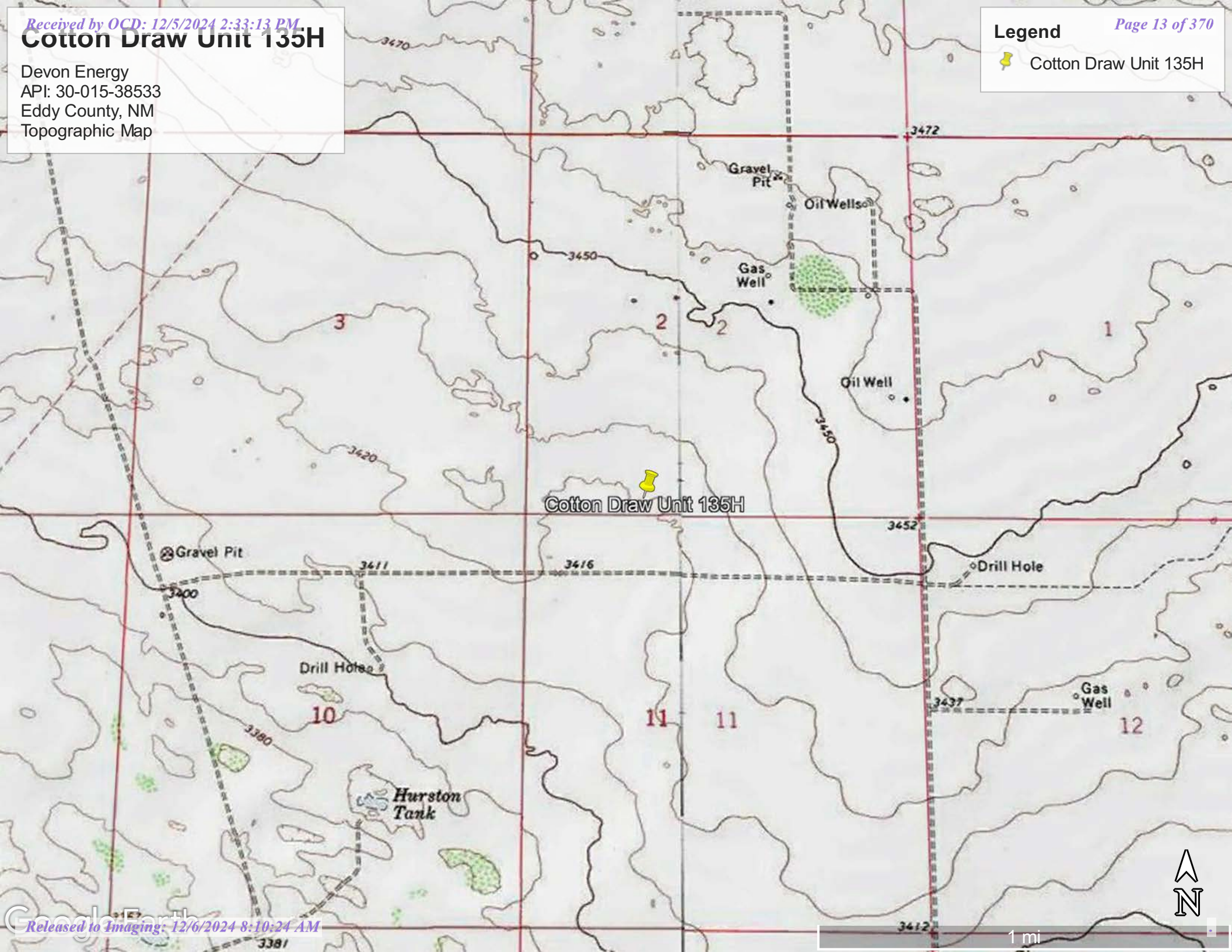
Cotton Draw Unit 135H

Devon Energy
API: 30-015-38533
Eddy County, NM
Topographic Map

Legend

Page 13 of 370





 Cotton Draw Unit 135H



Cotton Draw Unit 135H

Devon Energy
API: 30-015-38533
Eddy County, NM
Karst Map

Legend

-  Cotton Draw Unit 135H
-  High Karst
-  Low Karst
-  Medium Karst


Cotton Draw Unit 135H



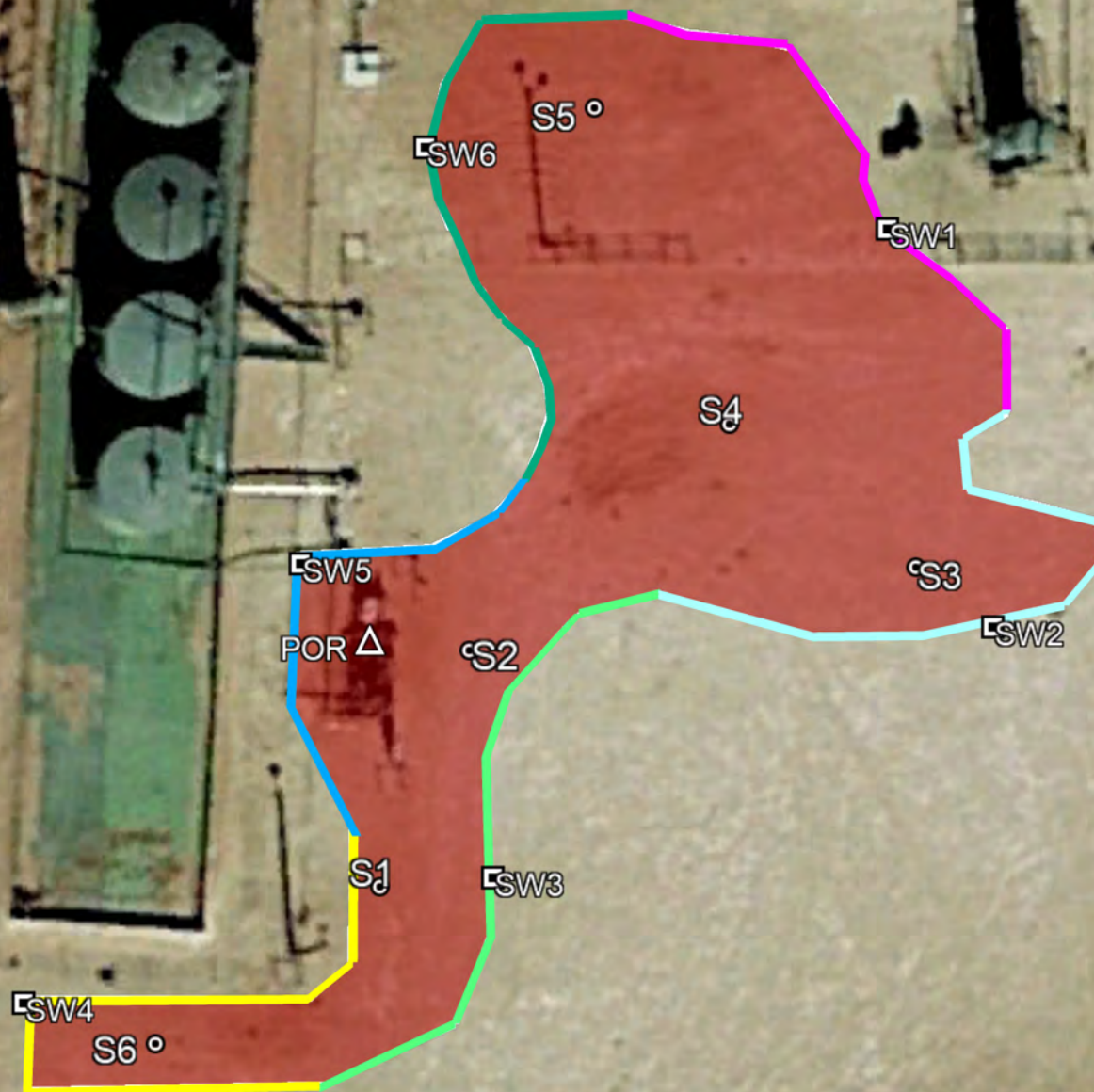
3 mi

Cotton Draw Unit 135H

Devon Energy
API: 30-015-38533
Eddy County, NM
Site Map

Legend

- Bottom Soil Sample
- Point of Release
- Release Area
- Side Wall Sample
- SW1
- SW2
- SW3
- SW4
- SW5
- SW6

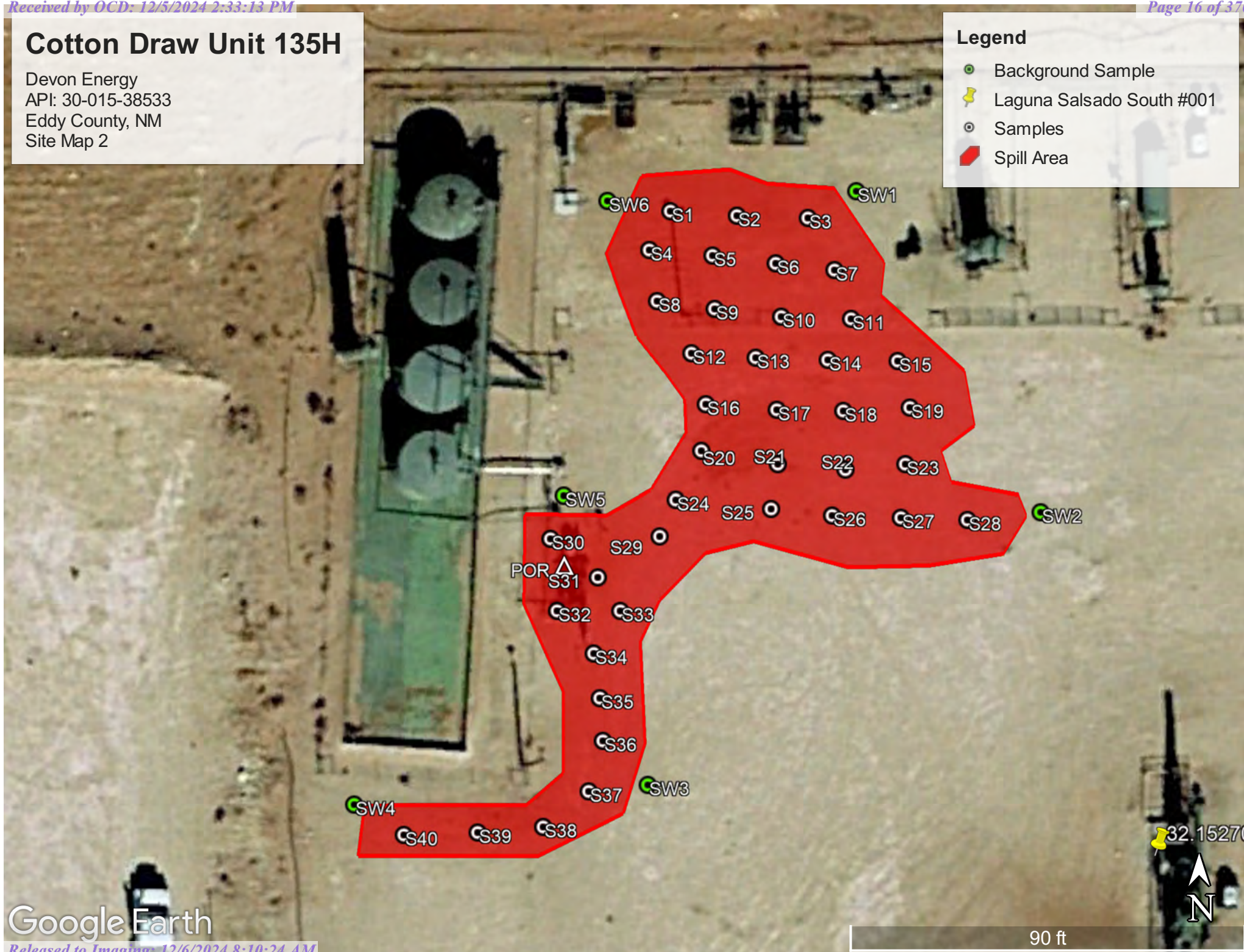


Cotton Draw Unit 135H

Devon Energy
API: 30-015-38533
Eddy County, NM
Site Map 2

Legend

- Background Sample
- Laguna Salsado South #001
- Samples
- Spill Area

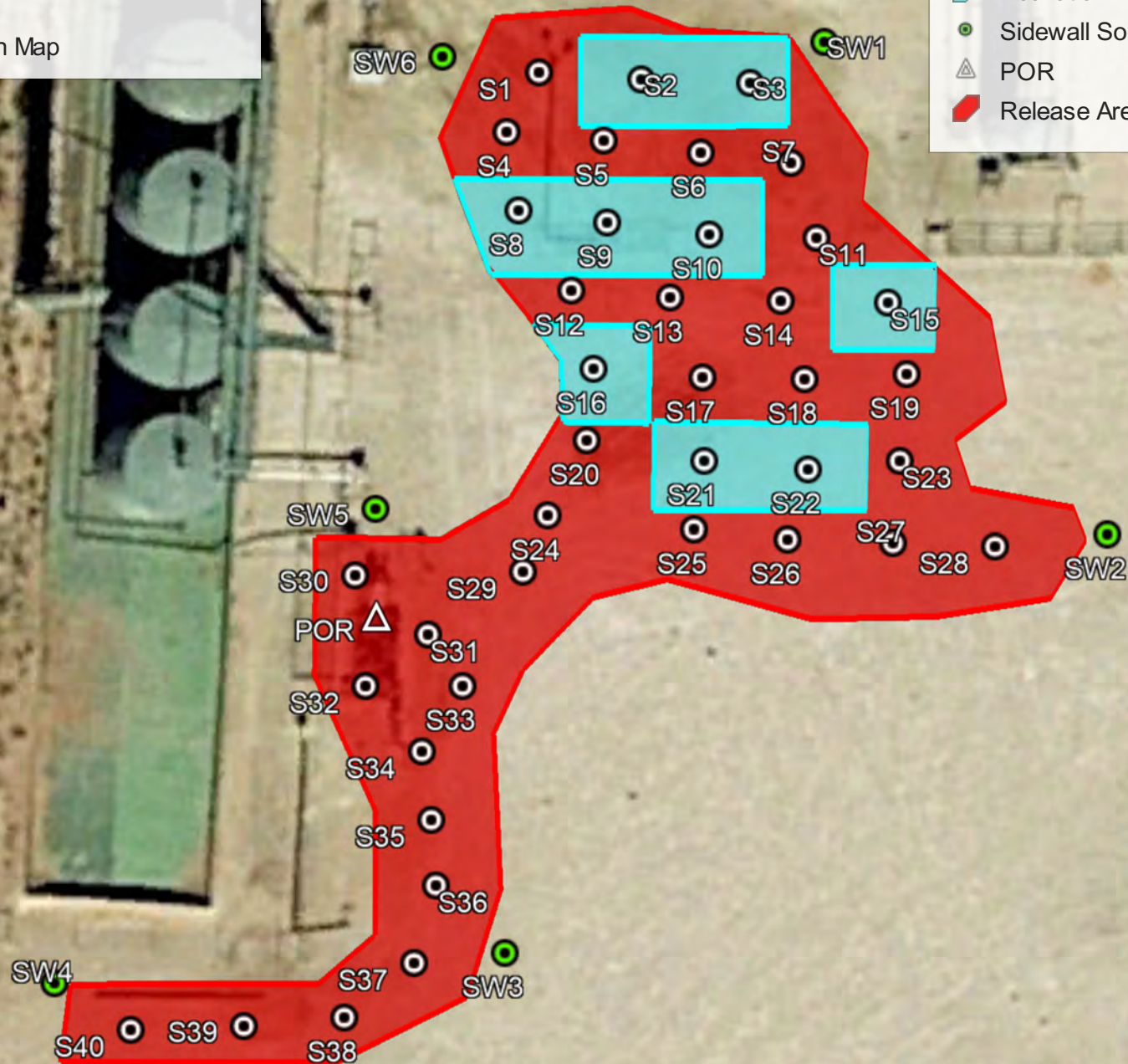


Cotton Draw Unit 135H

Devon Energy
API #30-015-38533
Eddy County, NM
Proposed Excavation Map

Legend

- Bottom Soil Samples
- Ecavation Area 1,800 sq ft 1 1/2' deep
- Sidewall Soil Samples
- △ POR
- Release Area



Google Earth

80 ft



Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water 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	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 04632 POD1		CUB	ED	1	2	2	10	25S	31E	616802	3557964	886	55		
C 03830 POD1		CUB	ED	4	2	4	02	25S	31E	618632	3558432	1022	450		
C 02570		CUB	ED	4	2	4	02	25S	31E	618704	3558489*	1109	895		
C 02569		CUB	ED	4	4	2	02	25S	31E	618699	3558891*	1317	1016		
C 02573		CUB	ED	1	4	2	02	25S	31E	618499	3559091*	1321			
C 02571		CUB	ED	4	1	2	02	25S	31E	618292	3559294*	1383	860		
C 02574		CUB	ED	1	1	2	02	25S	31E	618092	3559494*	1499			
C 02572		CUB	ED	4	2	2	02	25S	31E	618695	3559294*	1602	852		
C 02568		CUB	ED	4	3	1	01	25S	31E	619103	3558892*	1649	1025		
C 04593 POD1		CUB	ED	3	4	4	34	24S	31E	616903	3559674	1802	55		
C 04635 POD1		CUB	ED	4	3	4	01	25S	31E	619958	3558078	2273	55		
C 04633 POD1		CUB	ED	2	1	1	35	24S	31E	617394	3561170	3132			
C 04636 POD1		CUB	ED	3	4	3	25	24S	31E	619200	3561279	3566			
C 04643 POD1		C	ED	4	2	2	05	23S	27E	619200	3561279	3566	305	135	170
C 04479 POD1		CUB	ED	2	1	1	04	25S	31E	614182	3559400	3753	0	0	0
C 04620 POD1		CUB	LE	4	3	4	06	25S	32E	621445	3558018	3760	55		
C 04654 POD1		CUB	ED	3	3	4	25	24S	31E	619764	3561226	3796	55		
C 04618 POD1		CUB	LE	3	4	3	18	25S	32E	621041	3554886	4612	55		

Average Depth to Water: **67 feet**

Minimum Depth: **0 feet**

Maximum Depth: **135 feet**

Record Count: 18

UTM NAD83 Radius Search (in meters):

Easting (X): 617684.72

Northing (Y): 3558050.5

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.

2/15/23 9:26 AM

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
NA	C 04632 POD1	1	2	2	10	25S	31E	616802	3557964 
x									
Driller License:	1249	Driller Company:				ATKINS ENGINEERING ASSOC. INC.			
Driller Name:	JACKIE D ATKINS								
Drill Start Date:	06/08/2022	Drill Finish Date:				06/08/2022		Plug Date:	06/14/2022
Log File Date:	06/16/2022	PCW Rcv Date:				Source:			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:				55 feet		Depth Water:	
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.

7/11/23 3:44 PM

POINT OF DIVERSION SUMMARY



[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 =

- 320932103443801

Minimum number of levels = 1

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

USGS 320932103443801 25S.31E.02.23441

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13070001

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

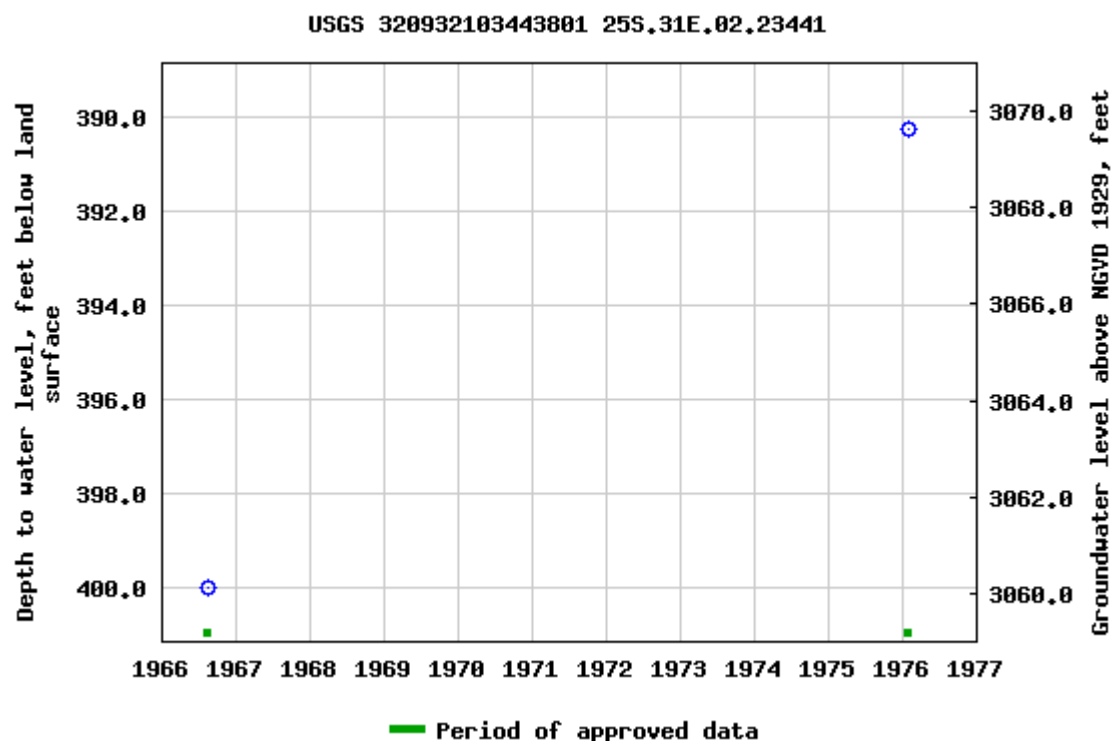
Land-surface elevation 3,460.00 feet above NGVD29

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

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

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

Output formats

[Table of data](#)
[Tab-separated data](#)
[Graph of data](#)
[Reselect period](#)


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

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)


[Help](#)


[Data Tips](#)

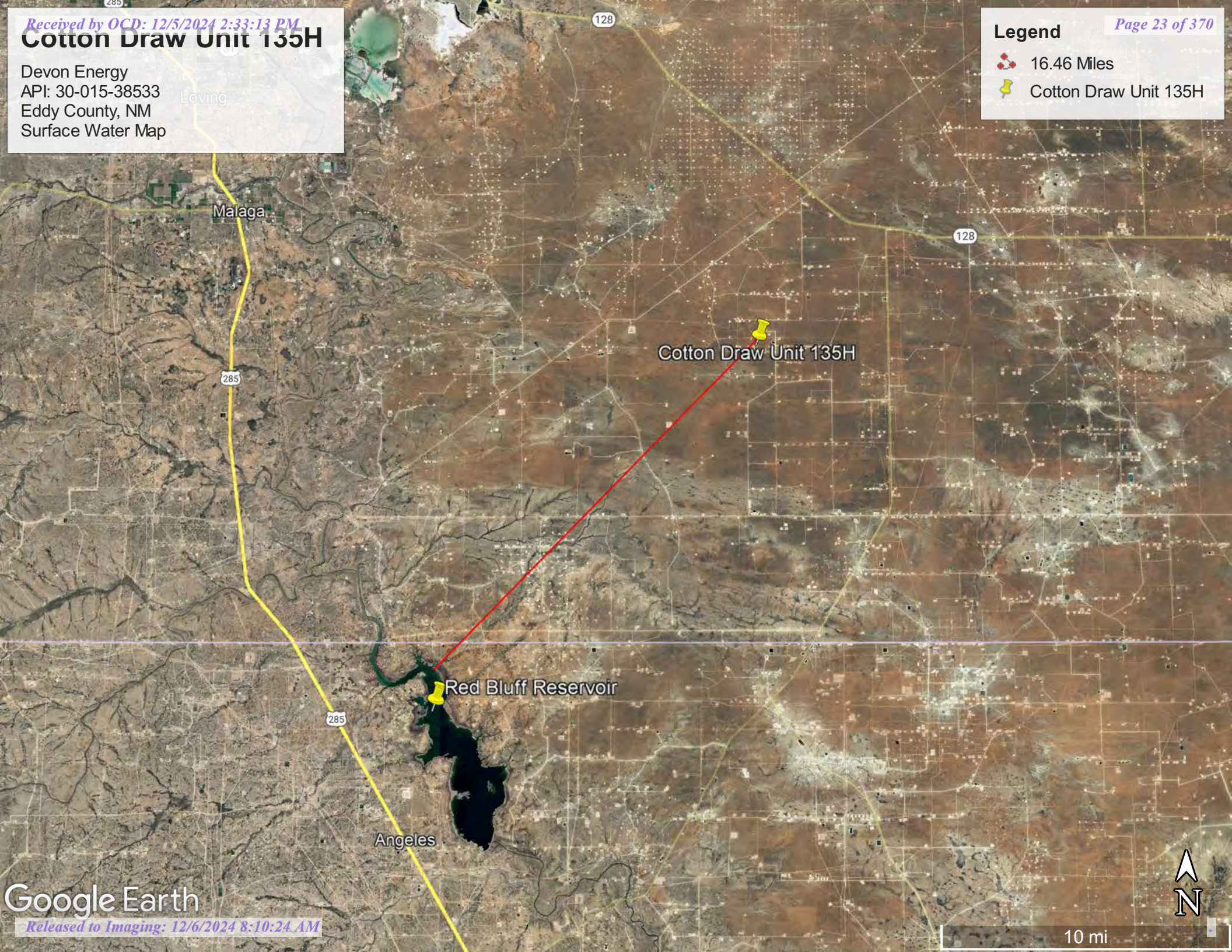
[Explanation of terms](#)

Devon Energy
API: 30-015-38533
Eddy County, NM
Surface Water Map

Legend

 16.46 Miles

 Cotton Draw Unit 135H





Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

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

Eddy Area, New Mexico

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

Map Unit Setting

National map unit symbol: 1w43

Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 5 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 60 percent

Pajarito and similar soils: 25 percent

Minor components: 15 percent

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

Description of Berino

Setting

Landform: Plains, fan piedmonts

Landform position (three-dimensional): Riser

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand

H2 - 17 to 58 inches: sandy clay loam

H3 - 58 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

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

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

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

Sodium adsorption ratio, maximum: 1.0

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

Interpretive groups

Land capability classification (irrigated): None specified

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

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

Description of Pajarito

Setting

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

Typical profile

H1 - 0 to 9 inches: loamy fine sand
H2 - 9 to 72 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

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

Minor Components

Pajarito

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

Wink

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

Cacique

Percent of map unit: 4 percent

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

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Kermit

Percent of map unit: 3 percent

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022



Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

11/26/2024
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 20, Sep 3, 2024

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

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

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



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	7.6	100.0%
Totals for Area of Interest		7.6	100.0%

National Flood Hazard Layer FIRMette



103°45'26"W 32°9'25"N



Legend

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

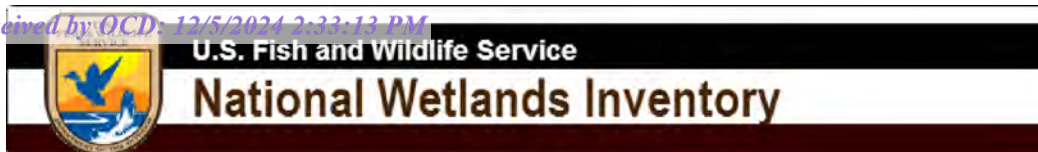
SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		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 2/15/2023 at 11:27 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Wetlands Map



February 15, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



Pima Environmental Services

Appendix C

C-141 Form

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

ARTESIA DISTRICT

FEB 11 2016

Form C-141
Revised August 8, 2011Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

RECEIVED

Release Notification and Corrective Action

NAB1604335172

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Devon Energy Production Company	Contact	Matthew Nettles, Assistant Production Foreman
Address	6488 Seven Rivers Hwy Artesia, NM 88210	Telephone No.	575-513-5767
Facility Name	Cotton Draw Unit #135H	Facility Type	Oil

Surface Owner	Federal	Mineral Owner	State	API No	30-015-38533
---------------	---------	---------------	-------	--------	--------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	2	25S	31E	200	South	1600	West	Eddy

Latitude: N 32.15°27.67 Longitude: W 103.75°20.49

NATURE OF RELEASE

Type of Release	Spill Oil	Volume of Release	180 BBLS	Volume Recovered	175 BBLS
Source of Release	Lact Unit pump housing	Date and Hour of Occurrence	1/12/2016 @ 8:30pm	Date and Hour of Discovery	1/12/2016 @ 8:30pm
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	OCD-Mike Bratcher BLM-Jim Amos		
By Whom?	Lolo Martinez, Lease Operator	Date and Hour	OCD- 1/12/2016 @ 10:35pm BLM- 1/12/2016 @ 10:30pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse	N/A		

If a Watercourse was Impacted, Describe Fully.* N/A

Describe Cause of Problem and Remedial Action Taken.*

The Lact unit pump housing broke resulting in a release from the Lact unit. The tank load line valves were immediately shut down to prevent further release.

Describe Area Affected and Cleanup Action Taken.*

180 BBLS of oil was released from the Lact unit onto location. The approximate area affected was 150ft x 75ft East of the Lact unit. All 180 BBLS oil released remained on location. None of the released fluid left location. Vacuum truck recovered approximately 175 BBLS of the released oil. Environmental Agency, Talon Lpe was contacted and has developed a work plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: Sarah Gallegos-Troublefield

Printed Name: Sarah Gallegos-Troublefield

Title: Field Admin Support

E-mail Address: Sarah.Gallegos-Troublefield@dmn.com

Date: 2/11/2016 Phone: 575.748.1864

OIL CONSERVATION DIVISION

Signed By: Mike Bratcher

Approved by Environmental Specialist:

Approval Date: 2/12/16 Expiration Date: N/AConditions of Approval: ☐ Remediation per O.C.D. Rules & Guidelines

SUBMIT REMEDIATION PROPOSAL NO

LATER THAN: 3/12/16

* Attach Additional Sheets If Necessary

2RP-3551

Bratcher, Mike, EMNRD

From: Gallegos-Troublefield, Sarah <Sarah.Gallegos-Troublefield@dvn.com>
Sent: Thursday, February 11, 2016 4:03 PM
To: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD; jamos@blm.gov; stucker@blm.gov
Cc: Scrogum, Sandy
Subject: Cotton Draw Unit #135H_180 BBLS Oil-1-12-16
Attachments: Cotton Draw Unit #135H-180 BBLS Oil_1-12-16-Initial C-141.doc; Cotton Draw Unit #135H-180 BBLS Oil_1-12-16-GIS Image.pdf; Cotton Draw Unit #135H-180 BBLS Oil_1-12-16-Pic 1 of 6.jpg; Cotton Draw Unit #135H-180 BBLS Oil_1-12-16-Pic 2 of 6.jpg; Cotton Draw Unit #135H-180 BBLS Oil_1-12-16-Pic 3 of 6.jpg; Cotton Draw Unit #135H-180 BBLS Oil_1-12-16-Pic 4 of 6.jpg; Cotton Draw Unit #135H-180 BBLS Oil_1-12-16-Pic 5 of 6.jpg; Cotton Draw Unit #135H-180 BBLS Oil_1-12-16-Pic 6 of 6.jpg

Good afternoon,

Attached is the Initial C-141, GIS Image and 6 photos of the 180 BBLS Oil release that occurred at the Cotton Draw Unit #135H on 1/12/2016. Please be advised that the blue dot in the GIS Image represents the approximate location of the origin of the release.

Please contact me for any question you may have.

Thank you very much!

Respectfully,

Sarah Gallegos-Troublefield
Field Admin Support
Production

Devon Energy Corporation
P.O. Box 250
Artesia, NM 88211
575 748 1864 Direct Line



Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.



Pima Environmental Services

Appendix D

Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Cotton Draw Unit 135H

Assessment



Photo of the hand auger being used to collect samples facing east.



Photo of the hand auger being used to collect samples facing southwest.

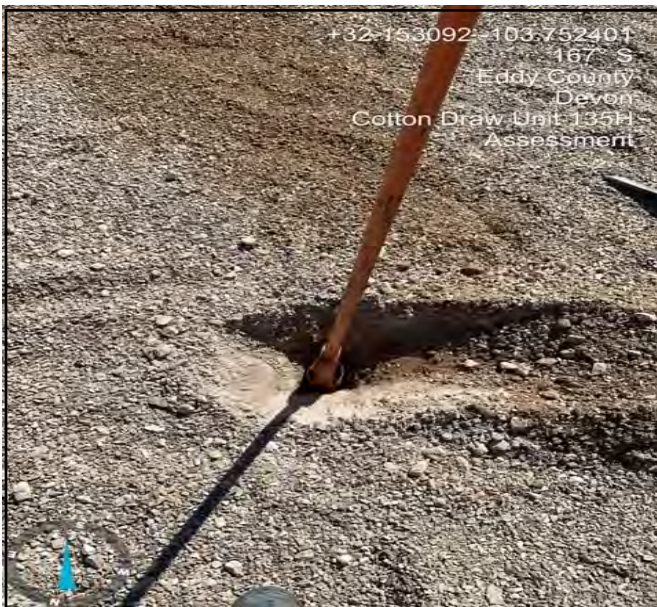


Photo of the hand auger being used to collect samples facing south.



Photo of the hand auger being used to collect samples facing south.



Photo of the hand auger being used to collect samples facing northeast.



Photo of the hand auger being used to collect samples facing southwest.



Photo of the hand auger being used to collect samples facing southwest.



Photo of the hand auger being used to collect samples facing northwest.



Photo of the hand auger being used to collect samples facing northwest.

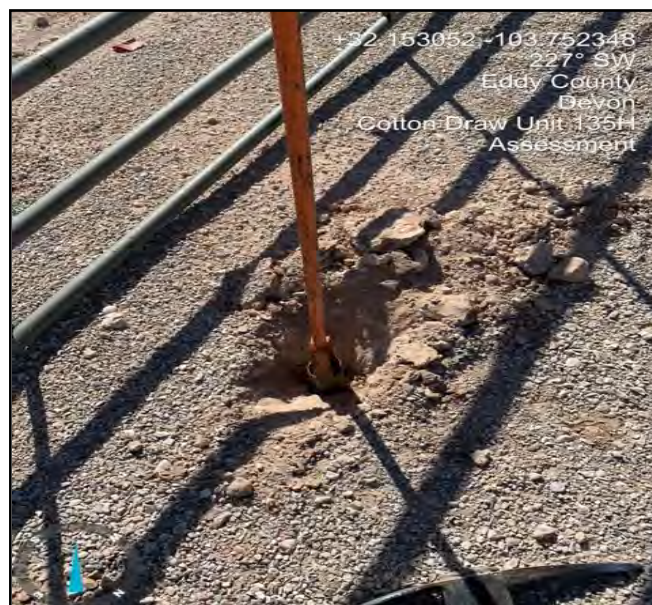


Photo of the hand auger being used to collect samples facing southwest.



Photo of the hand auger being used to collect samples facing northwest.



Photo of site tech assessing the area where the release occurred facing southwest.



Photo of site tech assessing the area where the release occurred facing west.



Photo of site tech assessing the area where the release occurred facing southwest.



Photo of site tech assessing the area where the release occurred facing southeast.



Photo of site tech assessing the area where the release occurred facing northeast.



Photo of site tech assessing the area where the release occurred facing northeast.



Photo of site tech assessing the area where the release occurred facing west.



Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 135 H

Work Order: E304099

Job Number: 21064-0001

Received: 4/20/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/26/23

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

Date Reported: 4/26/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H
Workorder: E304099
Date Received: 4/20/2023 7:01:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/20/2023 7:01:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1 - 1'	6
S1 - 3'	7
S1 - 4'	8
S2 - 1'	9
S2 - 3'	10
S2 - 4'	11
S3 - 1'	12
S3 - 2'	13
S3 - 4'	14
S4 - 1'	15
S4 - 2'	16
S4 - 3'	17
S4 - 4'	18
S5 - 1'	19
S5 - 3'	20
S5 - 4'	21
S6 - 1'	22
S6 - 3'	23
S6 - 4'	24
SW1	25

Table of Contents (continued)

SW2	26
SW3	27
SW4	28
SW5	29
SW6	30
QC Summary Data	31
QC - Volatile Organic Compounds by EPA 8260B	31
QC - Nonhalogenated Organics by EPA 8015D - GRO	33
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	35
QC - Anions by EPA 300.0/9056A	37
Definitions and Notes	39
Chain of Custody etc.	40

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 04/26/23 13:56
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
S1 - 1'	E304099-01A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S1 - 3'	E304099-02A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S1 - 4'	E304099-03A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S2 - 1'	E304099-04A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S2 - 3'	E304099-05A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S2 - 4'	E304099-06A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S3 - 1'	E304099-07A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S3 - 2'	E304099-08A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S3 - 4'	E304099-09A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S4 - 1'	E304099-10A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S4 - 2'	E304099-11A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S4 - 3'	E304099-12A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S4 - 4'	E304099-13A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S5 - 1'	E304099-14A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S5 - 3'	E304099-15A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S5 - 4'	E304099-16A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S6 - 1'	E304099-17A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S6 - 3'	E304099-18A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
S6 - 4'	E304099-19A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
SW1	E304099-20A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
SW2	E304099-21A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
SW3	E304099-22A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
SW4	E304099-23A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
SW5	E304099-24A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.
SW6	E304099-25A	Soil	04/18/23	04/20/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S1 - 1'

E304099-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2316035	
Benzene	ND	0.0250	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	103 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2316035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	103 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2316040	
Diesel Range Organics (C10-C28)	27.6	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	93.8 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2316047	
Chloride	172	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S1 - 3'

E304099-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	91.2 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	91.2 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	96.5 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S1 - 4'

E304099-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	91.6 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	98.0 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	91.6 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	98.0 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	37.2	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	95.5 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S2 - 1'

E304099-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	91.8 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	91.8 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	93.5	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	101	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	99.1 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S2 - 3'

E304099-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	100 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	100 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	99.4 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S2 - 4'

E304099-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	92.5 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	99.7 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	92.5 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	99.7 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	95.6 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 4/26/2023 1:56:57PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S3 - 1'

E304099-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2316035	
Benzene	ND	0.0250	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2316035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2316040	
Diesel Range Organics (C10-C28)	30.1	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	97.3 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2316047	
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S3 - 2'

E304099-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	90.5 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	103 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	90.5 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	103 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	101 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S3 - 4'

E304099-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	91.5 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	93.5 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	91.5 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	93.5 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	102 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	47.1	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S4 - 1'

E304099-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/20/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/20/23	
Toluene	ND	0.0250	1	04/20/23	04/20/23	
o-Xylene	ND	0.0250	1	04/20/23	04/20/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/20/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	92.3 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	99.3 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/20/23	
Surrogate: Bromofluorobenzene	92.3 %	70-130		04/20/23	04/20/23	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		04/20/23	04/20/23	
Surrogate: Toluene-d8	99.3 %	70-130		04/20/23	04/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	92.0 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S4 - 2'

E304099-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/20/23	
Surrogate: n-Nonane	94.5 %	50-200		04/20/23	04/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S4 - 3'

E304099-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	97.7 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S4 - 4'

E304099-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.1 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	91.4 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.1 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	91.4 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	28.5	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	97.8 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S5 - 1'

E304099-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	89.8 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	90.4 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	99.5 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	89.8 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	90.4 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	99.5 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	556	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	418	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	97.3 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S5 - 3'

E304099-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	92.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	89.7 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	102 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	92.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	89.7 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	102 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	263	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	219	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	98.5 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	23.0	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S5 - 4'

E304099-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.8 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	92.5 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	103 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.8 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	92.5 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	103 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	34.4	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	96.4 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	37.4	20.0	1	04/20/23	04/21/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S6 - 1'

E304099-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.8 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	102 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.8 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	102 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	54.4	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	98.5 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/21/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S6 - 3'

E304099-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	97.6 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	97.6 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	96.7 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/21/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

S6 - 4'

E304099-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.8 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	102 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.8 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	102 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	26.2	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	96.5 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	27.8	20.0	1	04/20/23	04/21/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

SW1

E304099-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316035
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	90.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	101 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2316040
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	98.3 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316047
Chloride	ND	20.0	1	04/20/23	04/24/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

SW2

E304099-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316038
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	106 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316038
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	106 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2316045
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	99.9 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316055
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

SW3

E304099-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316038
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	106 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316038
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	106 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2316045
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	101 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316055
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

SW4

E304099-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316038
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	105 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316038
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	105 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2316045
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	102 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316055
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

SW5

E304099-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316038
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	97.6 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	105 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316038
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	97.6 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	105 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2316045
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	103 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316055
Chloride	ND	20.0	1	04/20/23	04/20/23	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
4/26/2023 1:56:57PM

SW6

E304099-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316038
Benzene	ND	0.0250	1	04/20/23	04/21/23	
Ethylbenzene	ND	0.0250	1	04/20/23	04/21/23	
Toluene	ND	0.0250	1	04/20/23	04/21/23	
o-Xylene	ND	0.0250	1	04/20/23	04/21/23	
p,m-Xylene	ND	0.0500	1	04/20/23	04/21/23	
Total Xylenes	ND	0.0250	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	107 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2316038
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/20/23	04/21/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		04/20/23	04/21/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		04/20/23	04/21/23	
Surrogate: Toluene-d8	107 %	70-130		04/20/23	04/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2316045
Diesel Range Organics (C10-C28)	ND	25.0	1	04/20/23	04/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/20/23	04/21/23	
Surrogate: n-Nonane	103 %	50-200		04/20/23	04/21/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2316055
Chloride	ND	20.0	1	04/20/23	04/20/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 4/26/2023 1:56:57PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2316035-BLK1)

Prepared: 04/20/23 Analyzed: 04/20/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.462		0.500		92.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

LCS (2316035-BS1)

Prepared: 04/20/23 Analyzed: 04/20/23

Benzene	2.29	0.0250	2.50		91.5	70-130			
Ethylbenzene	2.30	0.0250	2.50		91.9	70-130			
Toluene	2.20	0.0250	2.50		87.9	70-130			
o-Xylene	2.33	0.0250	2.50		93.2	70-130			
p,m-Xylene	4.65	0.0500	5.00		92.9	70-130			
Total Xylenes	6.98	0.0250	7.50		93.0	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

Matrix Spike (2316035-MS1)

Source: E304099-03 Prepared: 04/20/23 Analyzed: 04/20/23

Benzene	2.39	0.0250	2.50	ND	95.7	48-131			
Ethylbenzene	2.33	0.0250	2.50	ND	93.0	45-135			
Toluene	2.25	0.0250	2.50	ND	89.8	48-130			
o-Xylene	2.38	0.0250	2.50	ND	95.3	43-135			
p,m-Xylene	4.76	0.0500	5.00	ND	95.2	43-135			
Total Xylenes	7.14	0.0250	7.50	ND	95.2	43-135			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.527		0.500		105	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

Matrix Spike Dup (2316035-MSD1)

Source: E304099-03 Prepared: 04/20/23 Analyzed: 04/20/23

Benzene	2.38	0.0250	2.50	ND	95.3	48-131	0.377	23	
Ethylbenzene	2.43	0.0250	2.50	ND	97.3	45-135	4.44	27	
Toluene	2.41	0.0250	2.50	ND	96.5	48-130	7.15	24	
o-Xylene	2.47	0.0250	2.50	ND	98.6	43-135	3.47	27	
p,m-Xylene	4.93	0.0500	5.00	ND	98.6	43-135	3.59	27	
Total Xylenes	7.40	0.0250	7.50	ND	98.6	43-135	3.55	27	
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			



Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/26/2023 1:56:57PM

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 (2316038-BLK1)

Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.578		0.500		116	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2316038-BS1)

Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	2.41	0.0250	2.50		96.3	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.2	70-130			
Toluene	2.47	0.0250	2.50		98.7	70-130			
o-Xylene	2.39	0.0250	2.50		95.6	70-130			
p,m-Xylene	4.82	0.0500	5.00		96.4	70-130			
Total Xylenes	7.21	0.0250	7.50		96.2	70-130			
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.578		0.500		116	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

Matrix Spike (2316038-MS1)

Source: E304099-21 Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	2.47	0.0250	2.50	ND	98.7	48-131			
Ethylbenzene	2.46	0.0250	2.50	ND	98.3	45-135			
Toluene	2.53	0.0250	2.50	ND	101	48-130			
o-Xylene	2.46	0.0250	2.50	ND	98.5	43-135			
p,m-Xylene	4.91	0.0500	5.00	ND	98.1	43-135			
Total Xylenes	7.37	0.0250	7.50	ND	98.2	43-135			
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.544		0.500		109	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

Matrix Spike Dup (2316038-MSD1)

Source: E304099-21 Prepared: 04/20/23 Analyzed: 04/21/23

Benzene	2.51	0.0250	2.50	ND	100	48-131	1.73	23	
Ethylbenzene	2.48	0.0250	2.50	ND	99.1	45-135	0.851	27	
Toluene	2.55	0.0250	2.50	ND	102	48-130	0.688	24	
o-Xylene	2.47	0.0250	2.50	ND	98.9	43-135	0.365	27	
p,m-Xylene	4.90	0.0500	5.00	ND	98.1	43-135	0.0408	27	
Total Xylenes	7.38	0.0250	7.50	ND	98.3	43-135	0.0950	27	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.547		0.500		109	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 4/26/2023 1:56:57PM
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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2316035-BLK1) Prepared: 04/20/23 Analyzed: 04/20/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.462		0.500		92.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

LCS (2316035-BS2) Prepared: 04/20/23 Analyzed: 04/20/23

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	0.477		0.500		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			

Matrix Spike (2316035-MS2) Source: E304099-03 Prepared: 04/20/23 Analyzed: 04/20/23

Gasoline Range Organics (C6-C10)	61.0	20.0	50.0	ND	122	70-130			
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

Matrix Spike Dup (2316035-MSD2) Source: E304099-03 Prepared: 04/20/23 Analyzed: 04/20/23

Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130	5.98	20	
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/26/2023 1:56:57PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2316038-BLK1)

Prepared: 04/20/23 Analyzed: 04/21/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.578		0.500		116	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2316038-BS2)

Prepared: 04/20/23 Analyzed: 04/21/23

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.551		0.500		110	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

Matrix Spike (2316038-MS2)

Source: E304099-21

Prepared: 04/20/23 Analyzed: 04/21/23

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			

Matrix Spike Dup (2316038-MSD2)

Source: E304099-21

Prepared: 04/20/23 Analyzed: 04/21/23

Gasoline Range Organics (C6-C10)	51.4	20.0	50.0	ND	103	70-130	6.38	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.536		0.500		107	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 4/26/2023 1:56:57PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2316040-BLK1)					Prepared: 04/20/23 Analyzed: 04/20/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.9		50.0		97.8	50-200			

LCS (2316040-BS1)					Prepared: 04/20/23 Analyzed: 04/20/23				
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	48.1		50.0		96.3	50-200			

Matrix Spike (2316040-MS1)					Source: E304099-05		Prepared: 04/20/23 Analyzed: 04/20/23		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	42.4		50.0		84.9	50-200			

Matrix Spike Dup (2316040-MSD1)					Source: E304099-05		Prepared: 04/20/23 Analyzed: 04/20/23		
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132	0.701	20	
Surrogate: n-Nonane	44.3		50.0		88.7	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/26/2023 1:56:57PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2316045-BLK1)					Prepared: 04/20/23 Analyzed: 04/21/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.8		50.0		102	50-200			

LCS (2316045-BS1)					Prepared: 04/20/23 Analyzed: 04/21/23				
Diesel Range Organics (C10-C28)	264	25.0	250		106	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			

Matrix Spike (2316045-MS1)					Source: E304093-09		Prepared: 04/20/23 Analyzed: 04/24/23		
Diesel Range Organics (C10-C28)	1010	250	250	788	89.1	38-132			
Surrogate: n-Nonane	47.3		50.0		94.5	50-200			

Matrix Spike Dup (2316045-MSD1)					Source: E304093-09		Prepared: 04/20/23 Analyzed: 04/24/23		
Diesel Range Organics (C10-C28)	1250	250	250	788	187	38-132	21.5	20	M5, R2
Surrogate: n-Nonane	51.0		50.0		102	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 4/26/2023 1:56:57PM
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2316047-BLK1)					Prepared: 04/20/23 Analyzed: 04/20/23				
Chloride	ND	20.0							
LCS (2316047-BS1)					Prepared: 04/20/23 Analyzed: 04/20/23				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2316047-MS1)					Source: E304099-01		Prepared: 04/20/23 Analyzed: 04/20/23		
Chloride	422	20.0	250	172	100	80-120			
Matrix Spike Dup (2316047-MSD1)					Source: E304099-01		Prepared: 04/20/23 Analyzed: 04/20/23		
Chloride	433	20.0	250	172	105	80-120	2.48	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/26/2023 1:56:57PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2316055-BLK1)					Prepared: 04/20/23 Analyzed: 04/20/23				
Chloride	ND	20.0							
LCS (2316055-BS1)					Prepared: 04/20/23 Analyzed: 04/20/23				
Chloride	265	20.0	250		106	90-110			
Matrix Spike (2316055-MS1)					Source: E304095-01		Prepared: 04/20/23 Analyzed: 04/20/23		
Chloride	272	20.0	250	ND	109	80-120			
Matrix Spike Dup (2316055-MSD1)					Source: E304095-01		Prepared: 04/20/23 Analyzed: 04/20/23		
Chloride	272	20.0	250	ND	109	80-120	0.154	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 135 H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/26/23 13:56

- M5 The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
- R2 The RPD exceeded the acceptance limit.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information

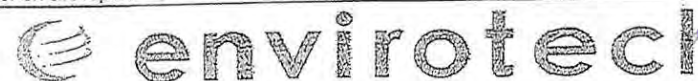
Chain of Custody

Client: Pima Environmental Services				Bill To		Lab Use Only		TAT				EPA Program						
Project: <u>Devote Cotton Draw Unit B5H</u>				Attention: <u>Pima</u>		Lab WO# <u>E304099</u>		Job Number <u>21004-0001</u>		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Tom Bynum				Address:									X					
Address: <u>5614 N. Lovington Hwy.</u>				City, State, Zip											RCRA			
City, State, Zip <u>Hobbs, NM, 88240</u>				Phone:										State				
Phone: <u>580-748-1613</u>				Email:										NM	CO	UT	AZ	TX
Email: <u>tom@pimaoil.com</u>				Pima Project # <u>1-255</u>										Remarks				
Report due by:																		

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					
	4/18/23	Soil	1	S1-1'	1							X						
				S1-2'	2													
				S1-4'	3													
				S2-1'	4													
				S2-3'	5													
				S2-4'	6													
				S3-1'	7													
				S3-2'	8													
				S3-4'	9													
				S4-1'	10													

Additional Instructions:

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.					
Sampled by:						Lab Use Only					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: <u>Y</u> / <u>N</u>			
<u>Karime Adams</u>		4-19-23	1330	<u>Michelle Campbell</u>		4-19-23	1330				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1: T2: T3:			
<u>Michelle Campbell</u>		4-19-23	1730	<u>Kayla R Hall</u>		4-19-23	1740				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>			
<u>Kayla R Hall</u>		4-20-23	0005	<u>Thine</u>		4-20-23	0701				
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

Page 2 of 3

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: Cotton Draw Unit 135H		Attention: Pima		Lab WO# F 304099		Job Number 21064-000		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method							X		
Address: 5614 N. Lovington Hwy.		City, State, Zip										RCRA	
City, State, Zip Hobbs, NM, 88240		Phone:											
Phone: 580-748-1613		Email:											
Email: tom@pimaoil.com		Pima Project # 1-255											
Report due by:													

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
	4/18/23	Soil	1	S4-2' S4-2' A S4-2'	11							X		
				S4-3'	12									
				S4-4'	13									
				S5-1'	14									
				S5-3'	15									
				S5-4'	16									
				S6-1'	17									
				S6-3'	18									
				S6-4'	19									
				Swl	20									

Additional Instructions:

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.							
Sampled by:						Lab Use Only							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Karime Adams		4-19-23		1330		Michelle Gungler		4-19-23		1330			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3	
Michelle Gungler		4-19-23		1730		Keyship R Hall		4-19-23		1740			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C	
Keyship R Hall		4-20-23		0005		Jhenn		4-20-23		0701		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

Project Information

Chain of Custody

Client: Pima Environmental Services Project: Cotton Draw Unit 135A Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: Pima Address: City, State, Zip: Phone: Email: Pima Project # 1-255					Lab Use Only Lab WO# E304099 Job Number 21004-0001 Analysis and Method					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA		
															State NM CO UT AZ TX						
															Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX								
	4/18/23	Soil	1	SW2	21							X									
				SW3	22																
				SW4	23																
				SW5	24																
				SW6	25																
Additional Instructions:																					
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) Korine Adams					Date 4-19-23		Time 1330		Received by: (Signature) Michelle Campbell					Date 4-19-23		Time 1330		Lab Use Only Received on ice: Y / N			
Relinquished by: (Signature) Michelle Campbell					Date 4-19-23		Time 1730		Received by: (Signature) Kyph R Hall					Date 4-19-23		Time 1740		T1 T2 T3			
Relinquished by: (Signature) Kyph R Hall					Date 4-20-23		Time 0005		Received by: (Signature) Korine					Date 4-20-23		Time 074		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.																					

envirotec

Envirotech Analytical Laboratory

Printed: 4/20/2023 11:56:32AM

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:	04/20/23 07:01	Work Order ID:	E304099
Phone:	(575) 631-6977	Date Logged In:	04/20/23 08:19	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	04/26/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/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:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 135 H

Work Order: E410358

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/6/24

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: 11/6/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H
Workorder: E410358
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1-1'	6
S1-2'	7
S1-3'	8
S1-4'	9
S2-1'	10
S2-2'	11
S2-3'	12
S2-4'	13
S3-1'	14
S3-2'	15
S3-3'	16
S3-4'	17
S4-1'	18
S4-2'	19
S4-3'	20
S4-4'	21
S5-1'	22
S5-2'	23
S5-3'	24
S5-4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 07:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E410358-01A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S1-2'	E410358-02A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S1-3'	E410358-03A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S1-4'	E410358-04A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S2-1'	E410358-05A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S2-2'	E410358-06A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S2-3'	E410358-07A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S2-4'	E410358-08A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S3-1'	E410358-09A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S3-2'	E410358-10A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S3-3'	E410358-11A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S3-4'	E410358-12A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S4-1'	E410358-13A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S4-2'	E410358-14A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S4-3'	E410358-15A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S4-4'	E410358-16A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S5-1'	E410358-17A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S5-2'	E410358-18A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S5-3'	E410358-19A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S5-4'	E410358-20A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 7:42:45AM

S1-1'

E410358-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	89.8 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.7 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	36.5	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	91.5 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1-2'

E410358-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	89.7 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	27.1	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	91.4 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1-3'

E410358-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	91.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.3 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	93.1 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 7:42:45AM

S1-4'

E410358-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2-1'

E410358-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	0.0593	0.0250	1	10/30/24	11/03/24	
o-Xylene	1.34	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	1.74	0.0500	1	10/30/24	11/03/24	
Total Xylenes	3.08	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	26.6	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	5300	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	1790	50.0	1	10/30/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	162 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2-2'

E410358-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	89.8 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.7 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	138	25.0	1	10/30/24	11/04/24	
Oil Range Organics (C28-C36)	76.3	50.0	1	10/30/24	11/04/24	
Surrogate: n-Nonane	97.5 %	50-200		10/30/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 7:42:45AM

S2-3'

E410358-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	94.0 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2-4'

E410358-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	90.3 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.4 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	96.6 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3-1'

E410358-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	0.0613	0.0250	1	10/30/24	11/03/24	
o-Xylene	1.10	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	1.29	0.0500	1	10/30/24	11/03/24	
Total Xylenes	2.39	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	23.2	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	5370	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	1770	50.0	1	10/30/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	161 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3-2'

E410358-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	90.7 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.6 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	94.9 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 7:42:45AM

S3-3'

E410358-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	94.2 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3-4'

E410358-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	90.6 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.5 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	95.6 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4-1'

E410358-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.8 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	96.9	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	115	50.0	1	10/30/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	94.4 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4-2'

E410358-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	89.5 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.7 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	97.1 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4-3'

E410358-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	91.7 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	93.9 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4-4'

E410358-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	90.0 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.9 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	103 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5-1'

E410358-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	91.0 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	197	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	197	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	98.6 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5-2'

E410358-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	91.0 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.6 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	26.7	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	97.1 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5-3'

E410358-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	90.2 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.8 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	111 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 7:42:45AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5-4'

E410358-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	90.9 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444081	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.1 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	95.1 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444154	
Chloride	ND	20.0	1	11/01/24	11/02/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 7:42:45AM

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2444081-BLK1)

Prepared: 10/30/24 Analyzed: 11/03/24

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	7.22		8.00		90.3	70-130			

LCS (2444081-BS1)

Prepared: 10/30/24 Analyzed: 11/03/24

Benzene	4.86	0.0250	5.00		97.1	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.4	70-130			
Toluene	4.85	0.0250	5.00		97.0	70-130			
o-Xylene	4.77	0.0250	5.00		95.4	70-130			
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130			
Total Xylenes	14.5	0.0250	15.0		96.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.2	70-130			

LCS Dup (2444081-BSD1)

Prepared: 10/30/24 Analyzed: 11/03/24

Benzene	4.88	0.0250	5.00		97.6	70-130	0.456	20	
Ethylbenzene	4.79	0.0250	5.00		95.7	70-130	0.324	20	
Toluene	4.86	0.0250	5.00		97.3	70-130	0.328	20	
o-Xylene	4.78	0.0250	5.00		95.6	70-130	0.195	20	
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130	0.196	20	
Total Xylenes	14.5	0.0250	15.0		96.7	70-130	0.196	20	
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 7:42:45AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2444081-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

LCS (2444081-BS2) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	40.2	20.0	50.0		80.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			

LCS Dup (2444081-BSD2) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	41.6	20.0	50.0		83.2	70-130	3.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 7:42:45AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444088-BLK1)					Prepared: 10/30/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.0		50.0		98.0	50-200			

LCS (2444088-BS1)					Prepared: 10/30/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	49.4		50.0		98.8	50-200			

LCS Dup (2444088-BSD1)					Prepared: 10/30/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	245	25.0	250		97.9	38-132	6.19	20	
Surrogate: n-Nonane	46.2		50.0		92.4	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 7:42:45AM

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 (2444154-BLK1)					Prepared: 11/01/24 Analyzed: 11/01/24				
Chloride	ND	20.0							
LCS (2444154-BS1)					Prepared: 11/01/24 Analyzed: 11/01/24				
Chloride	250	20.0	250		100	90-110			
LCS Dup (2444154-BSD1)					Prepared: 11/01/24 Analyzed: 11/02/24				
Chloride	249	20.0	250		99.6	90-110	0.565	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 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 07:42

- 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 8

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program			
Project: <u>Cotton Draw Unit 135 H</u>					Attention: <u>Devon</u>		Lab WO# <u>E410358</u>		Job Number <u>101058-0007</u>		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: <u>Gio Gomez</u>					Address:		Analysis and Method										RCRA	
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip												State	
City, State, Zip <u>Hobbs, NM. 88240</u>					Phone:		NM		CO	UT	AZ	TX						
Phone: <u>806-782-1151</u>					Email:		BGDOC NM		BGDOC TX		Remarks							
Email: <u>gio@pimaoil.com</u>					Pima Project # <u>1-255-1</u>		DRO/ORO by 8015		GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0					
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
8:16	10/25	S		S1-1'	1													
8:20				S1-2'	2													
8:23				S1-3'	3													
8:28				S1-4'	4													
8:36				S2-1'	5													
8:42				S2-2'	6													
8:56				S2-3'	7													
9:17				S2-4'	8													
9:26				S3-1'	9													
9:30				S3-2'	10													
Additional Instructions: <u>Billing # 21126428</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 5 °C on subsequent days.																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
<u>Karime Adame</u>		<u>10/29/24</u>	<u>2:00</u>	<u>Michelle Gonzales</u>		<u>10.29.24</u>	<u>1400</u>	Received on ice: <u>(Y)</u> N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3										
<u>Michelle Gonzales</u>		<u>10.29.24</u>	<u>1630</u>	<u>John Hobb</u>		<u>10.29.24</u>	<u>1630</u>											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>										
<u>John Hobb</u>		<u>10.29.24</u>	<u>2245</u>	<u>Carth Mcn</u>		<u>10.30.24</u>	<u>8:00</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																		
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

Page 2 of 8

Client: Pima Environmental Services Project: <u>Cotton Draw Unit 135 H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To Attention: <u>Daron</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>1-255-1</u>					Lab Use Only								TAT				EPA Program	
										Lab WO# <u>FL410358</u>				Job Number <u>01058-0007</u>				1D	2D	3D	Standard	CWA	SDWA
										Analysis and Method												RCRA	
																		State					
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			NM	CO	UT	AZ	TX	Remarks	
9:33	10/25	S		S3-3'	11								X										
9:38				S3-4'	12																		
9:43				S4-1'	13																		
9:46				S4-2'	14																		
9:50				S4-3'	15																		
9:51				S4-4'	16																		
9:58				S5-1'	17																		
10:11				S5-2'	18																		
10:18				S5-3'	19																		
10:26				S5-4'	20																		
Additional Instructions: <u>Billing # 21126428</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.											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only											
<u>Karime Adame</u>		<u>10/29/24</u>		<u>2:00</u>		<u>Michelle Gonzales</u>		<u>10/29/24</u>		<u>1400</u>		Received on Ice: <u>Y/N</u>											
<u>Michelle Gonzales</u>		<u>10/29/24</u>		<u>1630</u>		<u>[Signature]</u>		<u>10/29/24</u>		<u>1630</u>		T1 _____ T2 _____ T3 _____											
<u>[Signature]</u>		<u>10/29/24</u>		<u>2245</u>		<u>Cathy Man</u>		<u>10/30/24</u>		<u>8:00</u>		AVG Temp °C <u>4</u>											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																							
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: 10/30/2024 8:55:08AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 08:00	Work Order ID:	E410358
Phone:	(575) 631-6977	Date Logged In:	10/29/24 16:25	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	11/05/24 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? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name are missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410358-E410361.

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 Unit 135 H

Work Order: E410359

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/7/24

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: 11/7/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H
Workorder: E410359
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S6-1'	6
S6-2'	7
S6-3'	8
S6-4'	9
S7-1'	10
S7-2'	11
S7-3'	12
S7-4'	13
S8-1'	14
S8-2'	15
S8-3'	16
S8-4'	17
S9-1'	18
S9-2'	19
S9-3'	20
S9-4'	21
S10-1'	22
S10-2'	23
S10-3'	24
S10-4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/07/24 11:12
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S6-1'	E410359-01A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S6-2'	E410359-02A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S6-3'	E410359-03A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S6-4'	E410359-04A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S7-1'	E410359-05A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S7-2'	E410359-06A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S7-3'	E410359-07A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S7-4'	E410359-08A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S8-1'	E410359-09A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S8-2'	E410359-10A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S8-3'	E410359-11A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S8-4'	E410359-12A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S9-1'	E410359-13A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S9-2'	E410359-14A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S9-3'	E410359-15A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S9-4'	E410359-16A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S10-1'	E410359-17A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S10-2'	E410359-18A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S10-3'	E410359-19A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S10-4'	E410359-20A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 11:12:01AM

S6-1'

E410359-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	108 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 11:12:01AM

S6-2'

E410359-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444082
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	99.6 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444082
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	99.6 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	120 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444157
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Cotton Draw Unit 135 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/7/2024 11:12:01AM
-----------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	-----------------------------------

S6-3'

E410359-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	100 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	102 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	100 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	102 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	110 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6-4'

E410359-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	97.8 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	97.8 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	103 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7-1'

E410359-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	97.9 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	97.9 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	35.9	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	104 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7-2'

E410359-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	102 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	102 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	46.2	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	111 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7-3'

E410359-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	96.1 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	96.1 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	105 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7-4'

E410359-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	99.0 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	90.8 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	99.0 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	90.8 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	107 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8-1'

E410359-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	3.06	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	3.60	0.0500	1	10/30/24	11/03/24	
Total Xylenes	6.66	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	104 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	114 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	258	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	104 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	114 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	5400	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	1680	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	209 %	50-200		10/30/24	11/03/24	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8-2'

E410359-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	95.9 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	95.9 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	125	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	98.6	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	121 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8-3'

E410359-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	77.1 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	77.1 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	106 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8-4'

E410359-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		121 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		88.2 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		121 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		88.2 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		104 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 11:12:01AM

S9-1'

E410359-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	2.26	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	2.20	0.0500	1	10/30/24	11/03/24	
Total Xylenes	4.46	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	106 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	89.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	192	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	106 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	89.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	9870	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	3460	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	227 %	50-200		10/30/24	11/03/24	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 11:12:01AM

S9-2'

E410359-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	96.4 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	96.4 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/07/24	
Surrogate: n-Nonane	105 %	50-200		10/30/24	11/07/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S9-3'

E410359-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		101 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		101 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		103 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 11:12:01AM

S9-4'

E410359-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444082
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		123 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444082
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		123 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		104 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444157
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Cotton Draw Unit 135 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/7/2024 11:12:01AM
-----------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	-----------------------------------

S10-1'

E410359-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	0.0495	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	0.0495	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	102 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	102 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	1140	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	496	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	111 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10-2'

E410359-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	95.1 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	95.1 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	108 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 11:12:01AM

S10-3'

E410359-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444082
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		119 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		105 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444082
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		119 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		105 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444096
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		108 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444157
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10-4'

E410359-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	98.2 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444082	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	98.2 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444096	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	111 %	50-200		10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444157	
Chloride	ND	20.0	1	11/02/24	11/02/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2444082-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

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: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2444082-BS1) Prepared: 10/30/24 Analyzed: 11/03/24

Benzene	2.41	0.0250	2.50		96.4	70-130			
Ethylbenzene	2.65	0.0250	2.50		106	70-130			
Toluene	2.58	0.0250	2.50		103	70-130			
o-Xylene	2.57	0.0250	2.50		103	70-130			
p,m-Xylene	5.15	0.0500	5.00		103	70-130			
Total Xylenes	7.71	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.462		0.500		92.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

LCS Dup (2444082-BSD1) Prepared: 10/30/24 Analyzed: 11/03/24

Benzene	2.42	0.0250	2.50		96.9	70-130	0.517	23	
Ethylbenzene	2.65	0.0250	2.50		106	70-130	0.113	27	
Toluene	2.60	0.0250	2.50		104	70-130	0.618	24	
o-Xylene	2.76	0.0250	2.50		110	70-130	7.06	27	
p,m-Xylene	5.48	0.0500	5.00		110	70-130	6.39	27	
Total Xylenes	8.24	0.0250	7.50		110	70-130	6.61	27	
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 11:12:01AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444082-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS (2444082-BS2) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS Dup (2444082-BSD2) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0		106	70-130	3.57	20	
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 11:12:01AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444096-BLK1)					Prepared: 10/30/24 Analyzed: 11/02/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.9		50.0		102	50-200			

LCS (2444096-BS1)					Prepared: 10/30/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	302	25.0	250		121	38-132			
Surrogate: n-Nonane	57.1		50.0		114	50-200			

LCS Dup (2444096-BSD1)					Prepared: 10/30/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132	7.61	20	
Surrogate: n-Nonane	52.6		50.0		105	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 11:12:01AM

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 (2444157-BLK1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	ND	20.0							
LCS (2444157-BS1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	251	20.0	250		100	90-110			
LCS Dup (2444157-BSD1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	252	20.0	250		101	90-110	0.492	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 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/07/24 11:12

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- 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 3 of 8

Client: Pima Environmental Services Project: <u>Cotton Draw Unit 135H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To: <u>Devon</u> Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>1-255-1</u>					Lab Use Only Lab WO# <u>E410359</u> Job Number <u>101058-0007</u> Analysis and Method DRO/ORO by 8015 _____ GRO/DRO by 8015 _____ BTEX by 8021 _____ VOC by 8260 _____ Metals 6010 _____ Chloride 300.0 _____ BGDOR NM _____ BGDOR TX _____					TAT 1D _____ 2D _____ 3D _____ Standard <u>X</u>				EPA Program CWA _____ SDWA _____ RCRA _____ State NM <u>X</u> CO _____ UT _____ AZ _____ TX _____	
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	BGDOR NM	BGDOR TX	Remarks						
10:30	10/25	S		S6-1'	1							X								
10:35				S6-2'	2															
10:37				S6-3'	3															
10:41				S6-4'	4															
10:49				S7-1'	5															
10:56				S7-2'	6															
11:17				S7-3'	7															
11:34				S7-4'	8															
11:38				S8-1'	9															
11:46				S8-2'	10															
Additional Instructions: <u>Billing # 21126428</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 5 °C on subsequent days.																				
Relinquished by: (Signature) <u>Carime Adame</u> Date <u>10/29/24</u> Time <u>2:00</u> Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10/29/24</u> Time <u>1400</u>																				
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10/29/24</u> Time <u>1630</u> Received by: (Signature) <u>John Hobbs</u> Date <u>10/29/24</u> Time <u>1630</u>																				
Relinquished by: (Signature) <u>John Hobbs</u> Date <u>10/29/24</u> Time <u>2245</u> Received by: (Signature) <u>Cynthia Man</u> Date <u>10/30/24</u> Time <u>8:00</u>																				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				

Project Information

Chain of Custody

Page 4 of 8

Client: Pima Environmental Services Project: <u>Cotton Draw Unit 135 H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by:					Bill To Attention: <u>Devin</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>1-255-1</u>					Lab Use Only Lab WO# <u>E410359</u> Job Number <u>101058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX										
										DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
11:56	10/25	S		58-3'	11															
12:00				58-4'	12															
12:11				59-1'	13															
12:16				59-2'	14															
12:19				59-3'	15															
12:25				59-4'	16															
12:36				S10-F'	17															
12:41				S10-2'	18															
12:52				S10-3'	19															
1:02				S10-4'	20															
Additional Instructions: <u>Billing# 21126428</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.																				
Relinquished by: (Signature) <u>Larime Adams</u> Date <u>10/29/24</u> Time <u>2:00</u>																				
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1630</u>																				
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>2245</u>																				
Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1400</u>																				
Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1630</u>																				
Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10-30-24</u> Time <u>8:00</u>																				
Lab Use Only Received on Ice: <u>(Y) N</u> T1 T2 T3 AVG Temp °C <u>4</u>																				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
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: 10/30/2024 8:57:31AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 08:00	Work Order ID:	E410359
Phone:	(575) 631-6977	Date Logged In:	10/29/24 16:32	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	11/05/24 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? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name are missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410358-E410361.

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 Unit 135 H

Work Order: E410360

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/6/24

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: 11/6/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H
Workorder: E410360
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S11-1'	6
S11-2'	7
S11-3'	8
S11-4'	9
S12-1'	10
S12-2'	11
S12-3'	12
S12-4'	13
S13-1'	14
S13-2'	15
S13-3'	16
S13-4'	17
S14-1'	18
S14-2'	19
S14-3'	20
S14-4'	21
S15-1'	22
S15-2'	23
S15-3'	24
S15-4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 17:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S11-1'	E410360-01A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S11-2'	E410360-02A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S11-3'	E410360-03A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S11-4'	E410360-04A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S12-1'	E410360-05A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S12-2'	E410360-06A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S12-3'	E410360-07A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S12-4'	E410360-08A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S13-1'	E410360-09A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S13-2'	E410360-10A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S13-3'	E410360-11A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S13-4'	E410360-12A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S14-1'	E410360-13A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S14-2'	E410360-14A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S14-3'	E410360-15A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S14-4'	E410360-16A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S15-1'	E410360-17A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S15-2'	E410360-18A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S15-3'	E410360-19A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S15-4'	E410360-20A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 5:00:06PM

S11-1'
E410360-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	194	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	222	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		110 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 5:00:06PM

S11-2'

E410360-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444083
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444083
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444097
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		111 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444158
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 5:00:06PM

S11-3'

E410360-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444083
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444083
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444097
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		108 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444158
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 5:00:06PM

S11-4'

E410360-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444083
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444083
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444097
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		112 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444158
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12-1'

E410360-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		118 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12-2'

E410360-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		117 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12-3'

E410360-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		113 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12-4'

E410360-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		109 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 5:00:06PM

S13-1'

E410360-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444083
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444083
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444097
Diesel Range Organics (C10-C28)	55.0	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	52.6	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		108 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444158
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S13-2'

E410360-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		106 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 5:00:06PM

S13-3'

E410360-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444083
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444083
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444097
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		111 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444158
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 5:00:06PM

S13-4'

E410360-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		111 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		110 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14-1'

E410360-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		111 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		111 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	38.4	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		113 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14-2'

E410360-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		116 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14-3'

E410360-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		111 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14-4'

E410360-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		110 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15-1'

E410360-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	2.85	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	3.13	0.0500	1	10/30/24	11/03/24	
Total Xylenes	5.98	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	118 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	113 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	209	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	118 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	113 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	9020	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	3070	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane	226 %	50-200		10/30/24	11/03/24	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 5:00:06PM

S15-2'

E410360-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		107 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		107 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		112 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 5:00:06PM

S15-3'

E410360-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		107 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		107 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		112 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15-4'

E410360-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		108 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		108 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444097	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	11/03/24	
Surrogate: n-Nonane		112 %	50-200	10/30/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444158	
Chloride	ND	20.0	1	11/02/24	11/02/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 5:00:06PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2444083-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

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: Bromofluorobenzene	0.561		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			

LCS (2444083-BS1) Prepared: 10/30/24 Analyzed: 11/03/24

Benzene	2.51	0.0250	2.50		100	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.3	70-130			
Toluene	2.50	0.0250	2.50		100	70-130			
o-Xylene	2.60	0.0250	2.50		104	70-130			
p,m-Xylene	5.16	0.0500	5.00		103	70-130			
Total Xylenes	7.76	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.580		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.547		0.500		109	70-130			

LCS Dup (2444083-BSD1) Prepared: 10/30/24 Analyzed: 11/03/24

Benzene	2.53	0.0250	2.50		101	70-130	0.695	23	
Ethylbenzene	2.53	0.0250	2.50		101	70-130	1.87	27	
Toluene	2.57	0.0250	2.50		103	70-130	2.66	24	
o-Xylene	2.72	0.0250	2.50		109	70-130	4.31	27	
p,m-Xylene	5.37	0.0500	5.00		107	70-130	4.01	27	
Total Xylenes	8.09	0.0250	7.50		108	70-130	4.11	27	
Surrogate: Bromofluorobenzene	0.592		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 5:00:06PM

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 (2444083-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.561		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			

LCS (2444083-BS2) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.3	70-130			
Surrogate: Bromofluorobenzene	0.585		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.2	70-130			
Surrogate: Toluene-d8	0.550		0.500		110	70-130			

LCS Dup (2444083-BSD2) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.1	70-130	0.204	20	
Surrogate: Bromofluorobenzene	0.581		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 5:00:06PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444097-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2444097-BS1) Prepared: 10/30/24 Analyzed: 11/03/24

Diesel Range Organics (C10-C28)	274	25.0	250		110	38-132			
Surrogate: n-Nonane	54.2		50.0		108	50-200			

LCS Dup (2444097-BSD1) Prepared: 10/30/24 Analyzed: 11/03/24

Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132	3.55	20	
Surrogate: n-Nonane	54.7		50.0		109	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 5:00:06PM

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 (2444158-BLK1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	ND	20.0							
LCS (2444158-BS1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	255	20.0	250		102	90-110			
LCS Dup (2444158-BSD1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	254	20.0	250		102	90-110	0.160	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 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 17:00

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- 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 8

Client: Pima Environmental Services Project: <u>Cotton Draw Unit 135 H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM. 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To Attention: <u>Devon</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>1-255-1</u>					Lab Use Only Lab WO# <u>E 410360</u> Job Number <u>0058-0007</u> Analysis and Method						TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
											State NM CO UT AZ TX <u>X</u>				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX						
1:11	10/25	S		S11-1'	1									X							
1:17				S11-2'	2																
1:28				S11-3'	3																
1:36				S11-4'	4																
1:39				S12-1'	5																
1:47				S12-2'	6																
1:49				S12-3'	7																
1:56				S12-4'	8																
1:58				S13-1'	9																
2:07				S13-2'	10																
Additional Instructions: <u>Billing # 21126428</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.																					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: <u>Y/N</u>									
Karime Adame		10/29/24		2:00		Michelle Gonzales		10-29-24		1400											
Michelle Gonzales		10-29-24		1630		Cathy Mon		10-29-24		1630		T1 _____ T2 _____ T3 _____									
Cathy Mon		10-29-24		2245				10-30-24		8:00		AVG Temp °C <u>4</u>									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																					
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

Page 6 of 8

Client: Pima Environmental Services Project: <u>Cotton Draw Unit B5H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To Attention: <u>Devon</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>1-255-1</u>					Lab Use Only Lab WO# <u>E410360</u> Job Number <u>01058-0007</u> Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA State NM CO UT AZ TX X	
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						
2:11	10/25	S		S13-3'	11							X								
2:17				S13-4'	12															
2:25				S14-1'	13															
2:36				S14-2'	14															
2:39				S14-3'	15															
2:41				S14-4'	16															
2:46				S15-1'	17															
2:51				S15-2'	18															
2:56				S15-3'	19															
3:00				S15-4'	20															
Additional Instructions: <u>Billing #21126428</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.																				
Relinquished by: (Signature) <u>Karime Adame</u> Date <u>10/29/24</u> Time <u>2:00</u>					Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10/29/24</u> Time <u>1400</u>					Lab Use Only Received on ice: <u>0/ N</u>										
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10/29/24</u> Time <u>1630</u>					Received by: (Signature) <u>[Signature]</u> Date <u>10/29/24</u> Time <u>1630</u>					T1 _____ T2 _____ T3 _____										
Relinquished by: (Signature) <u>[Signature]</u> Date <u>10/29/24</u> Time <u>2245</u>					Received by: (Signature) <u>Auth Man</u> Date <u>10/30/24</u> Time <u>8:00</u>					AVG Temp °C <u>4</u>										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																				
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: 10/30/2024 9:06:42AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 08:00	Work Order ID:	E410360
Phone:	(575) 631-6977	Date Logged In:	10/29/24 16:33	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	11/05/24 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? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name are missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410358-E410361.

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

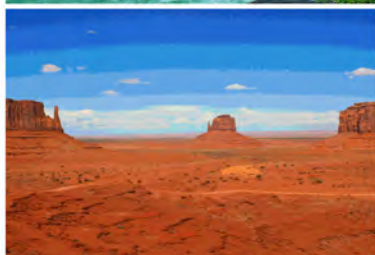
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Cotton Draw Unit 135 H

Work Order: E410361

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/6/24

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: 11/6/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H
Workorder: E410361
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S16-1'	6
S16-2'	7
S16-3'	8
S16-4'	9
S17-1'	10
S17-2'	11
S17-3'	12
S17-4'	13
S18-1'	14
S18-2'	15
S18-3'	16
S18-4'	17
S19-1'	18
S19-2'	19
S19-3'	20
S19-4'	21
S20-1'	22
S20-2'	23
S20-3'	24
S20-4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 09:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S16-1'	E410361-01A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S16-2'	E410361-02A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S16-3'	E410361-03A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S16-4'	E410361-04A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S17-1'	E410361-05A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S17-2'	E410361-06A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S17-3'	E410361-07A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S17-4'	E410361-08A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S18-1'	E410361-09A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S18-2'	E410361-10A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S18-3'	E410361-11A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S18-4'	E410361-12A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S19-1'	E410361-13A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S19-2'	E410361-14A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S19-3'	E410361-15A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S19-4'	E410361-16A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S20-1'	E410361-17A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S20-2'	E410361-18A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S20-3'	E410361-19A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.
S20-4'	E410361-20A	Soil	10/25/24	10/30/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:25:42AM

S16-1'

E410361-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	0.270	0.0250	1	10/30/24	11/04/24	
Toluene	0.311	0.0250	1	10/30/24	11/04/24	
o-Xylene	2.20	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	2.87	0.0500	1	10/30/24	11/04/24	
Total Xylenes	5.07	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.0 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	115	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		118 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	7750	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	2950	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
		171 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S16-2'

E410361-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	0.107	0.0500	1	10/30/24	11/04/24	
Total Xylenes	0.107	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/05/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		10/31/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S16-3'

E410361-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:25:42AM

S16-4'

E410361-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S17-1'

E410361-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	90.7 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.7 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	307	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	327	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	110 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S17-2'

E410361-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	92.0 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.7 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	108 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S17-3'

E410361-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S17-4'

E410361-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S18-1'

E410361-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	90.5 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.9 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	314	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	210	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	113 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S18-2'

E410361-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	90.5 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.9 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	112 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:25:42AM

S18-3'

E410361-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444100
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444100
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444130
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S18-4'

E410361-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S19-1'

E410361-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	91.1 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.3 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	118 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:25:42AM

S19-2'

E410361-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444100
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444100
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444130
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:25:42AM

S19-3'

E410361-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444100
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444100
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444130
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S19-4'

E410361-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	91.3 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.6 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	111 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:25:42AM

S20-1'

E410361-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	84.7	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	94.7	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S20-2'

E410361-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	90.4 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.8 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	104 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:25:42AM

S20-3'

E410361-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444100
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.4 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444100
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444130
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444159
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:25:42AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S20-4'

E410361-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	89.8 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.5 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444130	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	107 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444159	
Chloride	ND	20.0	1	11/02/24	11/02/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 9:25:42AM

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2444100-BLK1) Prepared: 10/30/24 Analyzed: 11/04/24

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	7.14		8.00		89.2	70-130			

LCS (2444100-BS1) Prepared: 10/30/24 Analyzed: 11/04/24

Benzene	4.86	0.0250	5.00		97.2	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.8	70-130			
Toluene	4.86	0.0250	5.00		97.3	70-130			
o-Xylene	4.81	0.0250	5.00		96.2	70-130			
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130			

LCS Dup (2444100-BSD1) Prepared: 10/30/24 Analyzed: 11/04/24

Benzene	4.80	0.0250	5.00		96.0	70-130	1.17	20	
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130	1.45	20	
Toluene	4.80	0.0250	5.00		96.1	70-130	1.27	20	
o-Xylene	4.74	0.0250	5.00		94.7	70-130	1.55	20	
p,m-Xylene	9.59	0.0500	10.0		95.9	70-130	1.46	20	
Total Xylenes	14.3	0.0250	15.0		95.5	70-130	1.49	20	
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 9:25:42AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2444100-BLK1) Prepared: 10/30/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			

LCS (2444100-BS2) Prepared: 10/30/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	40.7	20.0	50.0		81.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

LCS Dup (2444100-BSD2) Prepared: 10/30/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	40.9	20.0	50.0		81.8	70-130	0.580	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 9:25:42AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

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

Blank (2444130-BLK1) Prepared: 10/31/24 Analyzed: 11/03/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.8		50.0		99.6	50-200			

LCS (2444130-BS1) Prepared: 10/31/24 Analyzed: 11/03/24

Diesel Range Organics (C10-C28)	261	25.0	250		105	38-132			
Surrogate: n-Nonane	55.1		50.0		110	50-200			

LCS Dup (2444130-BSD1) Prepared: 10/31/24 Analyzed: 11/03/24

Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132	3.96	20	
Surrogate: n-Nonane	56.1		50.0		112	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 9:25:42AM

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 (2444159-BLK1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	ND	20.0							
LCS (2444159-BS1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2444159-BSD1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	253	20.0	250		101	90-110	0.155	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 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 09:25

- 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 7 of 8

Client: Pima Environmental Services Project: <u>Cotton Draw Unit 135H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM. 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>1-255-1</u>					Lab Use Only Lab WO# <u>E-110361</u> Job Number <u>101058-0007</u> Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX						TAT 1D 2D 3D Standard X				EPA Program 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							
3:11	10/25	S		S16-1'	1							X									
3:17				S16-2'	2																
3:19				S16-3'	3																
3:20				S16-4'	4																
3:26				S17-1'	5																
3:30				S17-2'	6																
3:35				S17-3'	7																
3:39				S17-4'	8																
3:42				S18-1'	9																
3:48				S18-2'	10																
Additional Instructions: <u>Billing # 21126428</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.																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on Ice: <u>(Y) N</u>													
Karime Adame		10/29/24	2:00	Michelle Gonzales		10-29-24	1400														
Michelle Gonzales		10-29-24	1630	John J. [Signature]		10-29-24	1630	T1 T2 T3													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>													
[Signature]		10-29-24	2245	Cathy Man		10-30-24	8:00	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
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. Thereport 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

Page 8 of 8

Client: Pima Environmental Services Project: <u>Cotton Draw Unit 135H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Attention: <u>Devon</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>1-255-1</u>					Lab Use Only Lab WO# <u>E-110361</u> Job Number <u>0058-0007</u> Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard X				EPA Program 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						
3:56	10/25	S		S18-3'	11							X								
4:11				S18-4'	12															
4:18				S19-1'	13															
4:23				S19-2'	14															
4:29				S19-3'	15															
4:36				S19-4'	16															
4:42				S20-1'	17															
4:56				S20-2'	18															
4:54				S20-3'	19															
5:11				S20-4'	20															
Additional Instructions:																				
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) <u>Karime Adame</u> Date <u>10/29/24</u> Time <u>2:00</u> Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10/29/24</u> Time <u>14:00</u>																				
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10/29/24</u> Time <u>16:30</u> Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10/29/24</u> Time <u>16:30</u>																				
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10/29/24</u> Time <u>22:45</u> Received by: (Signature) <u>Carla Man</u> Date <u>10/30/24</u> Time <u>8:00</u>																				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				

Envirotech Analytical Laboratory

Printed: 10/30/2024 9:00:18AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 08:00	Work Order ID:	E410361
Phone:	(575) 631-6977	Date Logged In:	10/29/24 16:34	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	11/05/24 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? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name are missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410358-E4

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 Unit 135 H

Work Order: E410362

Job Number: 01058-0007

Received: 10/30/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/6/24

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: 11/6/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H
Workorder: E410362
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S21-1'	6
S21-2'	7
S21-3'	8
S21-4'	9
S22-1'	10
S22-2'	11
S22-3'	12
S22-4'	13
S23-1'	14
S23-2'	15
S23-3'	16
S23-4'	17
S24-1'	18
S24-2'	19
S24-3'	20
S24-4'	21
S25-1'	22
S25-2'	23
S25-3'	24
S25-4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 16:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S21-1'	E410362-01A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S21-2'	E410362-02A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S21-3'	E410362-03A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S21-4'	E410362-04A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S22-1'	E410362-05A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S22-2'	E410362-06A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S22-3'	E410362-07A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S22-4'	E410362-08A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S23-1'	E410362-09A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S23-2'	E410362-10A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S23-3'	E410362-11A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S23-4'	E410362-12A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S24-1'	E410362-13A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S24-2'	E410362-14A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S24-3'	E410362-15A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S24-4'	E410362-16A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S25-1'	E410362-17A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S25-2'	E410362-18A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S25-3'	E410362-19A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S25-4'	E410362-20A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:46:45PM

S21-1'

E410362-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	0.452	0.0250	1	10/30/24	11/03/24	
Toluene	0.359	0.0250	1	10/30/24	11/03/24	
o-Xylene	4.27	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	6.55	0.0500	1	10/30/24	11/03/24	
Total Xylenes	10.8	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	182	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		114 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	8520	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	2340	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
		208 %	50-200	10/31/24	11/03/24	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:46:45PM

S21-2'

E410362-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.2 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/05/24	
<i>Surrogate: n-Nonane</i>						
		107 %	50-200	10/31/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:46:45PM

S21-3'

E410362-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	98.8 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:46:45PM

S21-4'

E410362-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	103 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.4 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S22-1'

E410362-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	0.362	0.0250	1	10/30/24	11/03/24	
Toluene	0.218	0.0250	1	10/30/24	11/03/24	
o-Xylene	2.15	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	3.14	0.0500	1	10/30/24	11/03/24	
Total Xylenes	5.29	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	124	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	6460	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	2030	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane		176 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S22-2'

E410362-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	48.1	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	63.6	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>		102 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S22-3'

E410362-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	102 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.8 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	109 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S22-4'

E410362-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.7 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane		106 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S23-1'

E410362-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	98.1 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.6 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	151	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	169	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	99.2 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:46:45PM

S23-2'

E410362-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S23-3'

E410362-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	97.3 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S23-4'

E410362-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane		101 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S24-1'

E410362-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	141	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	139	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane		99.6 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S24-2'

E410362-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	100 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S24-3'

E410362-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	99.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.5 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	101 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:46:45PM

S24-4'

E410362-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.3 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S25-1'

E410362-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.8 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	113 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S25-2'

E410362-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.9 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	112 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:46:45PM

S25-3'

E410362-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.6 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
<i>Surrogate: n-Nonane</i>						
		105 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:46:45PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S25-4'

E410362-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID	99.6 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444077	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.2 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444134	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	98.0 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444160	
Chloride	ND	20.0	1	11/02/24	11/02/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 4:46:45PM

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 (2444077-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

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	8.01		8.00		100	70-130			

LCS (2444077-BS1) Prepared: 10/30/24 Analyzed: 11/05/24

Benzene	5.85	0.0250	5.00		117	70-130			
Ethylbenzene	5.84	0.0250	5.00		117	70-130			
Toluene	5.91	0.0250	5.00		118	70-130			
o-Xylene	5.87	0.0250	5.00		117	70-130			
p,m-Xylene	11.8	0.0500	10.0		118	70-130			
Total Xylenes	17.7	0.0250	15.0		118	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130			

LCS Dup (2444077-BSD1) Prepared: 10/30/24 Analyzed: 11/05/24

Benzene	5.22	0.0250	5.00		104	70-130	11.3	20	
Ethylbenzene	5.24	0.0250	5.00		105	70-130	10.7	20	
Toluene	5.29	0.0250	5.00		106	70-130	11.2	20	
o-Xylene	5.26	0.0250	5.00		105	70-130	10.9	20	
p,m-Xylene	10.7	0.0500	10.0		107	70-130	10.5	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	10.6	20	
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 4:46:45PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444077-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			

LCS (2444077-BS2) Prepared: 10/30/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			

LCS Dup (2444077-BSD2) Prepared: 10/30/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.3	70-130	0.115	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 4:46:45PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444134-BLK1)					Prepared: 10/31/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.2		50.0		114	50-200			

LCS (2444134-BS1)					Prepared: 10/31/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	53.5		50.0		107	50-200			

LCS Dup (2444134-BSD1)					Prepared: 10/31/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	233	25.0	250		93.3	38-132	9.71	20	
Surrogate: n-Nonane	49.0		50.0		98.0	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 4:46:45PM

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 (2444160-BLK1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	ND	20.0							
LCS (2444160-BS1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	258	20.0	250		103	90-110			
LCS Dup (2444160-BSD1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	258	20.0	250		103	90-110	0.0481	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 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 16:46

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- 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 9

Client: Pima Environmental Services Project: Cotton Draw Unit 135H Project Manager: Gio Gomez Address: 5614 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 # 1-255-1					Lab Use Only Lab WO# F410362 Job Number 01058-0007				TAT 1D 2D 3D Standard				EPA Program CWA SDWA	
										Analysis and Method DRO/ORO by 8015 GRO/ORO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX				RCRA		State NM CO UT AZ TX			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number											Remarks			
8:07	10/28	S		S21-1'	1														
8:11				S21-2'	2														
8:17				S21-3'	3														
8:19				S21-4'	4														
8:23				S22-1'	5														
8:25				S22-2'	6														
8:30				S22-3'	7														
8:36				S22-4'	8														
8:42				S23-1'	9														
8:49				S23-2'	10														
Additional Instructions: Billing# 21126428																			
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 Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C 4											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																			
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 29 of 9

Client: Pima Environmental Services Project: Cotton Draw Unit 135 H Project Manager: Gio Gomez Address: 5614 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 # 1-255-1					Lab Use Only Lab WO# E410362 Job Number 01058-0007 Analysis and Method					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX X										
										Remarks										
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							
8:56	10/28	S		S23-3'	11							X								
9:01				S23-4'	12															
9:11				S24-1'	13															
9:20				S24-2'	14															
9:26				S24-3'	15															
9:33				S24-4'	16															
9:35				S25-1'	17															
9:41				S25-2'	18															
9:48				S25-3'	19															
9:56				S25-4'	20															
Additional Instructions: Billing # 21126428																				
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) <u>Carine Hume</u> Date <u>10/29/24</u> Time <u>2:00</u> Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10/29/24</u> Time <u>1400</u>																				
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10/29/24</u> Time <u>1630</u> Received by: (Signature) <u>[Signature]</u> Date <u>10/29/24</u> Time <u>1630</u>																				
Relinquished by: (Signature) <u>[Signature]</u> Date <u>10/29/24</u> Time <u>1245</u> Received by: (Signature) <u>Nae Soto</u> Date <u>10/30/24</u> Time <u>0800</u>																				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																				
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: 10/30/2024 9:45:24AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 08:00	Work Order ID:	E410362
Phone:	(575) 631-6977	Date Logged In:	10/29/24 17:14	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	11/05/24 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? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name is missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410362-E410365.

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 Unit 135 H

Work Order: E410363

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/6/24

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: 11/6/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H
Workorder: E410363
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S26-1'	6
S26-2'	7
S26-3'	8
S26-4'	9
S27-1'	10
S27-2'	11
S27-3'	12
S27-4'	13
S28-1'	14
S28-2'	15
S28-3'	16
S28-4'	17
S29-1'	18
S29-2'	19
S29-3'	20
S29-4'	21
S30-1'	22
S30-2'	23
S30-3'	24
S30-4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 09:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S26-1'	E410363-01A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S26-2'	E410363-02A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S26-3'	E410363-03A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S26-4'	E410363-04A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S27-1'	E410363-05A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S27-2'	E410363-06A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S27-3'	E410363-07A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S27-4'	E410363-08A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S28-1'	E410363-09A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S28-2'	E410363-10A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S28-3'	E410363-11A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S28-4'	E410363-12A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S29-1'	E410363-13A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S29-2'	E410363-14A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S29-3'	E410363-15A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S29-4'	E410363-16A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S30-1'	E410363-17A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S30-2'	E410363-18A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S30-3'	E410363-19A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S30-4'	E410363-20A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:21:33AM

S26-1'

E410363-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	97.3 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	97.3 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	120 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444161
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:21:33AM

S26-2'

E410363-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		104 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		104 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane		110 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444161
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:21:33AM

S26-3'

E410363-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	98.6 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	98.6 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	110 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444161
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:21:33AM

S26-4'

E410363-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	92.5 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	92.5 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	120 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444161
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S27-1'

E410363-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	97.3 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	97.3 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	112 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S27-2'

E410363-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		100 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene		100 %	70-130	10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	10/30/24	11/03/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane		113 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S27-3'

E410363-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/03/24	
Toluene	ND	0.0250	1	10/30/24	11/03/24	
o-Xylene	ND	0.0250	1	10/30/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	98.7 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	92.4 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/03/24	
Surrogate: Bromofluorobenzene	98.7 %	70-130		10/30/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4	92.4 %	70-130		10/30/24	11/03/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane	110 %	50-200		10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S27-4'

E410363-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene		101 %	70-130	10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	10/30/24	11/04/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene		101 %	70-130	10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	10/30/24	11/04/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane		116 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S28-1'

E410363-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene		104 %	70-130	10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	10/30/24	11/04/24	
Surrogate: Toluene-d8		105 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene		104 %	70-130	10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	10/30/24	11/04/24	
Surrogate: Toluene-d8		105 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/03/24	
Surrogate: n-Nonane		107 %	50-200	10/31/24	11/03/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S28-2'

E410363-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0500	2	10/30/24	11/04/24	
Ethylbenzene	ND	0.0500	2	10/30/24	11/04/24	
Toluene	ND	0.0500	2	10/30/24	11/04/24	
o-Xylene	ND	0.0500	2	10/30/24	11/04/24	
p,m-Xylene	ND	0.100	2	10/30/24	11/04/24	
Total Xylenes	ND	0.0500	2	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	97.6 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	97.6 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	114 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:21:33AM

S28-3'

E410363-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene		101 %	70-130	10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	10/30/24	11/04/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene		101 %	70-130	10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	10/30/24	11/04/24	
Surrogate: Toluene-d8		104 %	70-130	10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		108 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444161
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S28-4'

E410363-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0500	2	10/30/24	11/04/24	
Ethylbenzene	ND	0.0500	2	10/30/24	11/04/24	
Toluene	ND	0.0500	2	10/30/24	11/04/24	
o-Xylene	ND	0.0500	2	10/30/24	11/04/24	
p,m-Xylene	ND	0.100	2	10/30/24	11/04/24	
Total Xylenes	ND	0.0500	2	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	99.5 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	106 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	99.5 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	106 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	107 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Cotton Draw Unit 135 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/6/2024 9:21:33AM
-----------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	----------------------------------

S29-1'

E410363-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	96.4 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	96.4 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	30.8	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	120 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S29-2'

E410363-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	122 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S29-3'

E410363-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	92.3 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	92.3 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	103 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	115 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S29-4'

E410363-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	98.7 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	98.7 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	118 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:21:33AM

S30-1'

E410363-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	100 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	100 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	104 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	117	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	55.0	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	119 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S30-2'

E410363-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	107 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	107 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2444135	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	117 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2444161	
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:21:33AM

S30-3'

E410363-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	97.0 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	107 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	97.0 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	107 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	113 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444161
Chloride	ND	20.0	1	11/02/24	11/02/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 9:21:33AM

S30-4'

E410363-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Benzene	ND	0.0250	1	10/30/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/30/24	11/04/24	
Toluene	ND	0.0250	1	10/30/24	11/04/24	
o-Xylene	ND	0.0250	1	10/30/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/30/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	97.3 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444104
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/30/24	11/04/24	
Surrogate: Bromofluorobenzene	97.3 %	70-130		10/30/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		10/30/24	11/04/24	
Surrogate: Toluene-d8	105 %	70-130		10/30/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2444135
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	120 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444161
Chloride	ND	20.0	1	11/02/24	11/02/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 9:21:33AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2444104-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

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: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

LCS (2444104-BS1) Prepared: 10/30/24 Analyzed: 11/03/24

Benzene	2.36	0.0250	2.50		94.3	70-130			
Ethylbenzene	2.57	0.0250	2.50		103	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.66	0.0250	2.50		106	70-130			
p,m-Xylene	5.37	0.0500	5.00		107	70-130			
Total Xylenes	8.03	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

LCS Dup (2444104-BSD1) Prepared: 10/30/24 Analyzed: 11/03/24

Benzene	2.15	0.0250	2.50		85.9	70-130	9.39	23	
Ethylbenzene	2.40	0.0250	2.50		96.2	70-130	6.67	27	
Toluene	2.35	0.0250	2.50		93.8	70-130	6.76	24	
o-Xylene	2.45	0.0250	2.50		97.9	70-130	8.13	27	
p,m-Xylene	4.96	0.0500	5.00		99.1	70-130	8.03	27	
Total Xylenes	7.40	0.0250	7.50		98.7	70-130	8.06	27	
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 9:21:33AM

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 (2444104-BLK1) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.494		0.500		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			

LCS (2444104-BS2) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS Dup (2444104-BSD2) Prepared: 10/30/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130	2.96	20	
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 9:21:33AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

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

Blank (2444135-BLK1)					Prepared: 10/31/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	63.6		50.0		127	50-200			

LCS (2444135-BS1)					Prepared: 10/31/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	284	25.0	250		113	38-132			
Surrogate: n-Nonane	59.0		50.0		118	50-200			

LCS Dup (2444135-BSD1)					Prepared: 10/31/24 Analyzed: 11/03/24				
Diesel Range Organics (C10-C28)	291	25.0	250		116	38-132	2.40	20	
Surrogate: n-Nonane	59.4		50.0		119	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 9:21:33AM

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 (2444161-BLK1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	ND	20.0							
LCS (2444161-BS1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	250	20.0	250		100	90-110			
LCS Dup (2444161-BSD1)					Prepared: 11/02/24 Analyzed: 11/02/24				
Chloride	250	20.0	250		99.9	90-110	0.196	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 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 09:21

- 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 3 of 9

Client: Pima Environmental Services Project: Cotton Draw Unit 135 H Project Manager: Gio Gomez Address: 5614 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 # 1-255-1					Lab Use Only Lab WO# E 410363 Job Number 01058-0007		TAT 1D 2D 3D Standard				EPA Program CWA SDWA	
										Analysis and Method		RCRA				State	
												NM CO UT AZ TX				Remarks	
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				
10:03	10/28	S		S26-1'	1							X					
10:11				S26-2'	2												
10:16				S26-3'	3												
10:23				S26-4'	4												
10:30				S27-1'	5												
10:36				S27-2'	6												
10:41				S27-3'	7												
10:48				S27-4'	8												
10:56				S28-1'	9												
11:11				S28-2'	10												
Additional Instructions: Billing# 2112648																	
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 Received on ice: <input checked="" type="checkbox"/> N					
Karine Adame		10/29/24		2:00		Michelle Gonzales		10/29/24		1400		T1 _____ T2 _____ T3 _____					
Michelle Gonzales		10/29/24		1630		[Signature]		10/29/24		1630		AVG Temp °C 4					
[Signature]		10/29/24		2245		Nae Sato		10/30/24		0800		Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																	
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

Page 4 of 9

Client: Pima Environmental Services Project: <u>Cotton Draw Unit 155H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To Attention: <u>Devon</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>1-255-1</u>					Lab Use Only Lab WO# <u>E410363</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX <u>X</u>										
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	10/28	S		S28-3'	11							X								
11:20				S28-4'	12															
11:25				S29-1'	13															
11:36				S29-2'	14															
11:41				S29-3'	15															
11:49				S29-4'	16															
11:56				S30-1'	17															
11:59				S30-2'	18															
12:00				S30-3'	19															
12:11				S30-4'	20															
Additional Instructions: <u>Billing # 21126428</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 5 °C on subsequent days.									
Sampled by: _____																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: <u>Y/N</u>								
<u>Curime Aron</u>		<u>10/29/24</u>		<u>2:00</u>		<u>Michelle Gonzales</u>		<u>10/29/24</u>		<u>1400</u>										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 _____ T2 _____ T3 _____								
<u>Michelle Gonzales</u>		<u>10/29/24</u>		<u>1630</u>		<u>[Signature]</u>		<u>10/29/24</u>		<u>1630</u>										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C <u>4</u>								
<u>[Signature]</u>		<u>10/29/24</u>		<u>2245</u>		<u>Noe Soto</u>		<u>10/30/24</u>		<u>0800</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: 10/30/2024 9:53:46AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 08:00	Work Order ID:	E410363
Phone:	(575) 631-6977	Date Logged In:	10/29/24 17:15	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	11/05/24 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? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name is missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410362-E410365.

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 Unit 135 H

Work Order: E410364

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/6/24

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: 11/6/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H
Workorder: E410364
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S31-1'	6
S31-2'	7
S31-3'	8
S31-4'	9
S32-1'	10
S32-2'	11
S32-3'	12
S32-4'	13
S33-1'	14
S33-2'	15
S33-3'	16
S33-4'	17
S34-1'	18
S34-2'	19
S34-3'	20
S34-4'	21
S35-1'	22
S35-2'	23
S35-3'	24
S35-4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 16:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S31-1'	E410364-01A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S31-2'	E410364-02A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S31-3'	E410364-03A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S31-4'	E410364-04A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S32-1'	E410364-05A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S32-2'	E410364-06A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S32-3'	E410364-07A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S32-4'	E410364-08A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S33-1'	E410364-09A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S33-2'	E410364-10A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S33-3'	E410364-11A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S33-4'	E410364-12A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S34-1'	E410364-13A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S34-2'	E410364-14A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S34-3'	E410364-15A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S34-4'	E410364-16A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S35-1'	E410364-17A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S35-2'	E410364-18A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S35-3'	E410364-19A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S35-4'	E410364-20A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:18:24PM

S31-1'

E410364-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Benzene	ND	0.0250	1	10/31/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/03/24	
Toluene	ND	0.0250	1	10/31/24	11/03/24	
o-Xylene	ND	0.0250	1	10/31/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/31/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	10/31/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/31/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/31/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	10/31/24	11/03/24	
Surrogate: Toluene-d8		110 %	70-130	10/31/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444136
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		103 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445021
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:18:24PM

S31-2'

E410364-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Benzene	ND	0.0250	1	10/31/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/03/24	
Toluene	ND	0.0250	1	10/31/24	11/03/24	
o-Xylene	ND	0.0250	1	10/31/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/31/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	10/31/24	11/03/24	
Surrogate: Toluene-d8		107 %	70-130	10/31/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/03/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/31/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	10/31/24	11/03/24	
Surrogate: Toluene-d8		107 %	70-130	10/31/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444136
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		104 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445021
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S31-3'

E410364-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Benzene	ND	0.0250	1	10/31/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/03/24	
Toluene	ND	0.0250	1	10/31/24	11/03/24	
o-Xylene	ND	0.0250	1	10/31/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/31/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	10/31/24	11/03/24	
Surrogate: Toluene-d8		111 %	70-130	10/31/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/31/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	10/31/24	11/03/24	
Surrogate: Toluene-d8		111 %	70-130	10/31/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444136	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		120 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2445021	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:18:24PM

S31-4'

E410364-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Benzene	ND	0.0250	1	10/31/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/03/24	
Toluene	ND	0.0250	1	10/31/24	11/03/24	
o-Xylene	ND	0.0250	1	10/31/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/03/24	
Surrogate: Bromofluorobenzene		109 %	70-130	10/31/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	10/31/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/03/24	
Surrogate: Bromofluorobenzene		109 %	70-130	10/31/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	10/31/24	11/03/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444136
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		110 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445021
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:18:24PM

S32-1'

E410364-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Benzene	ND	0.0250	1	10/31/24	11/03/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/03/24	
Toluene	ND	0.0250	1	10/31/24	11/03/24	
o-Xylene	ND	0.0250	1	10/31/24	11/03/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/03/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/31/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	10/31/24	11/03/24	
Surrogate: Toluene-d8		108 %	70-130	10/31/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/03/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/31/24	11/03/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	10/31/24	11/03/24	
Surrogate: Toluene-d8		108 %	70-130	10/31/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444136
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		113 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445021
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:18:24PM

S32-2'

E410364-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444136
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		115 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445021
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:18:24PM

S32-3'

E410364-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444136
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		109 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445021
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:18:24PM

S32-4'

E410364-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444136
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		111 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445021
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S33-1'

E410364-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		111 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		111 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444136	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		110 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2445021	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S33-2'

E410364-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444136	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		108 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445021	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:18:24PM

S33-3'

E410364-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		110 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		110 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444136
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		112 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445021
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S33-4'

E410364-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444136	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		114 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2445021	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:18:24PM

S34-1'

E410364-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		111 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		111 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444136
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		117 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445021
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S34-2'

E410364-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444136	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		114 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2445021	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S34-3'

E410364-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444136	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		105 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2445021	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S34-4'

E410364-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444136	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		109 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2445021	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S35-1'

E410364-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444136	
Diesel Range Organics (C10-C28)	37.0	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		122 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2445021	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S35-2'

E410364-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		110 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		110 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		109 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444136	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		110 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2445021	
Chloride	ND	20.0	1	11/04/24	11/05/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/6/2024 4:18:24PM

S35-3'

E410364-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		108 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444126
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		108 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444136
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		112 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2445021
Chloride	ND	20.0	1	11/04/24	11/05/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S35-4'

E410364-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		108 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444126	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	10/31/24	11/04/24	
Surrogate: Toluene-d8		108 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444136	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane		107 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445021	
Chloride	ND	20.0	1	11/04/24	11/05/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2444126-BLK1) Prepared: 10/31/24 Analyzed: 11/03/24

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: Bromofluorobenzene	0.574		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

LCS (2444126-BS1) Prepared: 10/31/24 Analyzed: 11/03/24

Benzene	2.46	0.0250	2.50		98.2	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.5	70-130			
Toluene	2.49	0.0250	2.50		99.7	70-130			
o-Xylene	2.60	0.0250	2.50		104	70-130			
p,m-Xylene	5.16	0.0500	5.00		103	70-130			
Total Xylenes	7.75	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.580		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.537		0.500		107	70-130			

LCS Dup (2444126-BSD1) Prepared: 10/31/24 Analyzed: 11/03/24

Benzene	2.49	0.0250	2.50		99.6	70-130	1.35	23	
Ethylbenzene	2.52	0.0250	2.50		101	70-130	2.33	27	
Toluene	2.55	0.0250	2.50		102	70-130	2.06	24	
o-Xylene	2.65	0.0250	2.50		106	70-130	1.93	27	
p,m-Xylene	5.29	0.0500	5.00		106	70-130	2.59	27	
Total Xylenes	7.94	0.0250	7.50		106	70-130	2.37	27	
Surrogate: Bromofluorobenzene	0.579		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/6/2024 4:18:24PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444126-BLK1) Prepared: 10/31/24 Analyzed: 11/03/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.574		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

LCS (2444126-BS2) Prepared: 10/31/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	35.0	20.0	50.0		70.1	70-130			
Surrogate: Bromofluorobenzene	0.573		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.548		0.500		110	70-130			

LCS Dup (2444126-BSD2) Prepared: 10/31/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	36.0	20.0	50.0		71.9	70-130	2.61	20	
Surrogate: Bromofluorobenzene	0.585		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.5	70-130			
Surrogate: Toluene-d8	0.545		0.500		109	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 4:18:24PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444136-BLK1)					Prepared: 10/31/24 Analyzed: 11/04/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.7		50.0		105	50-200			

LCS (2444136-BS1)					Prepared: 10/31/24 Analyzed: 11/04/24				
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132			
Surrogate: n-Nonane	53.4		50.0		107	50-200			

LCS Dup (2444136-BSD1)					Prepared: 10/31/24 Analyzed: 11/04/24				
Diesel Range Organics (C10-C28)	280	25.0	250		112	38-132	7.01	20	
Surrogate: n-Nonane	57.1		50.0		114	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/6/2024 4:18:24PM

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 (2445021-BLK1)					Prepared: 11/04/24 Analyzed: 11/04/24				
Chloride	ND	20.0							
LCS (2445021-BS1)					Prepared: 11/04/24 Analyzed: 11/04/24				
Chloride	251	20.0	250		101	90-110			
LCS Dup (2445021-BSD1)					Prepared: 11/04/24 Analyzed: 11/04/24				
Chloride	250	20.0	250		100	90-110	0.534	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 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/06/24 16:18

- 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 9

Client: Pima Environmental Services Project: <u>Cotton Draw Unit 135H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM. 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To Attention: <u>Debra</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>1-255-1</u>					Lab Use Only						TAT				EPA Program			
										Lab WO# <u>E410364</u>		Job Number <u>01058-0007</u>				1D	2D	3D	Standard	CWA	SDWA		
										Analysis and Method												RCRA	
										DRO/ORO 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									
Remarks																							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
12:20	10/28	S		S31-1'	1
12:23				S31-2'	2
12:28				S31-3'	3
12:36				S31-4'	4
12:39				S32-1'	5
12:40				S32-2'	6
12:46				S32-3'	7
12:56				S32-4'	8
12:59				S33-1'	9
1:04				S33-2'	10

Additional Instructions: Billing #211 264 28

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) <u>Carime Hume</u>						Received by: (Signature) <u>Michelle Gonzales</u>					
Date		Time		Date		Time		Date		Time	
<u>10/29/24</u>		<u>2:00</u>		<u>10/29/24</u>		<u>1400</u>		<u>10/29/24</u>		<u>1630</u>	
Relinquished by: (Signature) <u>Michelle Gonzales</u>						Received by: (Signature) <u>[Signature]</u>					
<u>10/29/24</u>		<u>1630</u>		<u>10/29/24</u>		<u>1630</u>		<u>10/29/24</u>		<u>1630</u>	
Relinquished by: (Signature) <u>[Signature]</u>						Received by: (Signature) <u>Noe</u>					
<u>10/29/24</u>		<u>1645</u>		<u>10/30/24</u>		<u>0800</u>		<u>10/30/24</u>		<u>0800</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.

Project Information

Chain of Custody

Page 6 of 9

Client: <u>Pima Environmental Services</u> Project: <u>Cotton Draw Unit 135H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM. 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To Attention: <u>Devon</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>1-255-1</u>					Lab Use Only Lab WO# <u>E410364</u> Job Number: <u>01059-0007</u> Analysis and Method					TAT 1D <input type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input checked="" type="checkbox"/>				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
										State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>										
										BGDOC NM <input checked="" type="checkbox"/> BGDOC TX <input type="checkbox"/>										
														Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0									
1:11	10/28	S		S33-3'	11															
1:17				S33-4'	12															
1:20				S34-1'	13															
1:26				S34-2'	14															
1:29				S34-3'	15															
1:35				S34-4'	16															
1:39				S35-1'	17															
1:46				S35-2'	18															
1:48				S35-3'	19															
1:56				S35-4'	20															
Additional Instructions: <u>BH# 21126428</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.									
Relinquished by: (Signature) <u>Carime Adams</u> Date <u>10/29/24</u> Time <u>2:00</u>											Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1400</u>									
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1630</u>											Received on ice: <u>01 N</u>									
Relinquished by: (Signature) <u>[Signature]</u> Date <u>10-29-24</u> Time <u>2245</u>											Received by: (Signature) <u>[Signature]</u> Date <u>10-29-24</u> Time <u>1630</u>									
Relinquished by: (Signature) <u>[Signature]</u> Date <u>10-29-24</u> Time <u>2245</u>											Received by: (Signature) <u>Noc</u> Date <u>10-30-24</u> Time <u>0800</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: 10/30/2024 10:01:57AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 08:00	Work Order ID:	E410364
Phone:	(575) 631-6977	Date Logged In:	10/29/24 17:15	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	11/05/24 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? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name is missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410362-E410365.

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 Unit 135 H

Work Order: E410365

Job Number: 01058-0007

Received: 10/30/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/7/24

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: 11/7/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Cotton Draw Unit 135 H
Workorder: E410365
Date Received: 10/30/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/30/2024 8:00:00AM, under the Project Name: Cotton Draw Unit 135 H.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 135 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S36-1'	6
S36-2'	7
S36-3'	8
S36-4'	9
S37-1'	10
S37-2'	11
S37-3'	12
S37-4'	13
S38-1'	14
S38-2'	15
S38-3'	16
S38-4'	17
S39-1'	18
S39-2'	19
S39-3'	20
S39-4'	21
S40-1'	22
S40-2'	23
S40-3'	24
S40-4'	25

Table of Contents (continued)

SW1	26
SW2	27
SW3	28
SW4	29
SW5	30
SW6	31
QC Summary Data	32
QC - Volatile Organic Compounds by EPA8260B	32
QC - Volatile Organics by EPA 8021B	33
QC - Nonhalogenated Organics by EPA 8015D - GRO	35
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	38
QC - Anions by EPA 300.0/9056A	41
Definitions and Notes	43
Chain of Custody etc.	44

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/07/24 08:24
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S36-1'	E410365-01A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S36-2'	E410365-02A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S36-3'	E410365-03A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S36-4'	E410365-04A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S37-1'	E410365-05A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S37-2'	E410365-06A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S37-3'	E410365-07A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S37-4'	E410365-08A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S38-1'	E410365-09A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S38-2'	E410365-10A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S38-3'	E410365-11A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S38-4'	E410365-12A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S39-1'	E410365-13A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S39-2'	E410365-14A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S39-3'	E410365-15A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S39-4'	E410365-16A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S40-1'	E410365-17A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S40-2'	E410365-18A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S40-3'	E410365-19A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
S40-4'	E410365-20A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
SW1	E410365-21A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
SW2	E410365-22A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
SW3	E410365-23A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
SW4	E410365-24A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
SW5	E410365-25A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.
SW6	E410365-26A	Soil	10/28/24	10/30/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 8:24:54AM

S36-1'

E410365-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.2 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	80.6	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
<i>Surrogate: n-Nonane</i>						
		115 %	50-200	10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S36-2'

E410365-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.5 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	110 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S36-3'

E410365-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.4 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	102 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S36-4'

E410365-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.6 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	112 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S37-1'

E410365-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	102 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.5 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	110 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S37-2'

E410365-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	99.7 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.9 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	110 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S37-3'

E410365-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.1 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	102 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 8:24:54AM

S37-4'

E410365-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.4 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S38-1'

E410365-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.2 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	115 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S38-2'

E410365-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.6 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	114 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S38-3'

E410365-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	99.2 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.6 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	112 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S38-4'

E410365-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.9 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	116 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S39-1'

E410365-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.0 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	106 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S39-2'

E410365-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.1 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	109 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S39-3'

E410365-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.8 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	103 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S39-4'

E410365-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2444143	
Benzene	ND	0.0250	1	11/01/24	11/03/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/03/24	
Toluene	ND	0.0250	1	11/01/24	11/03/24	
o-Xylene	ND	0.0250	1	11/01/24	11/03/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/03/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/03/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		11/01/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2444143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/03/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		11/01/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444148	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/02/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		11/01/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S40-1'

E410365-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.6 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	105 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S40-2'

E410365-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	99.7 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.8 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	123 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 8:24:54AM

S40-3'

E410365-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S40-4'

E410365-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID	99.0 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2444127	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.8 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444140	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/04/24	
Surrogate: n-Nonane	116 %	50-200		10/31/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2445004	
Chloride	ND	20.0	1	11/04/24	11/04/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW1

E410365-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444128	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	100 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	105 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444128	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	100 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	105 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444141	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/05/24	
Surrogate: n-Nonane	104 %	50-200		10/31/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444063	
Chloride	ND	20.0	1	10/30/24	10/31/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 8:24:54AM

SW2

E410365-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444128
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	99.6 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	104 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444128
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	99.6 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	104 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444141
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/05/24	
Surrogate: n-Nonane	105 %	50-200		10/31/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444063
Chloride	ND	20.0	1	10/30/24	10/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW3

E410365-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444128	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	105 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444128	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	105 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444141	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/05/24	
Surrogate: n-Nonane	111 %	50-200		10/31/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444063	
Chloride	ND	20.0	1	10/30/24	10/31/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW4

E410365-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2444128	
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	106 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2444128	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	106 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2444141	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/05/24	
Surrogate: n-Nonane	107 %	50-200		10/31/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2444063	
Chloride	ND	20.0	1	10/30/24	10/31/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 8:24:54AM

SW5

E410365-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444128
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	104 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444128
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	104 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444141
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/05/24	
Surrogate: n-Nonane	111 %	50-200		10/31/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444063
Chloride	ND	20.0	1	10/30/24	10/31/24	



Sample Data

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

Project Name: Cotton Draw Unit 135 H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
11/7/2024 8:24:54AM

SW6

E410365-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444128
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	99.5 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	106 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444128
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: Bromofluorobenzene	99.5 %	70-130		10/31/24	11/04/24	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		10/31/24	11/04/24	
Surrogate: Toluene-d8	106 %	70-130		10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444141
Diesel Range Organics (C10-C28)	ND	25.0	1	10/31/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/31/24	11/05/24	
Surrogate: n-Nonane	107 %	50-200		10/31/24	11/05/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444063
Chloride	ND	20.0	1	10/30/24	10/31/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2444128-BLK1) Prepared: 10/31/24 Analyzed: 11/04/24

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: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		92.0	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2444128-BS1) Prepared: 10/31/24 Analyzed: 11/04/24

Benzene	2.17	0.0250	2.50		87.0	70-130			
Ethylbenzene	2.45	0.0250	2.50		98.1	70-130			
Toluene	2.38	0.0250	2.50		95.2	70-130			
o-Xylene	2.53	0.0250	2.50		101	70-130			
p,m-Xylene	5.10	0.0500	5.00		102	70-130			
Total Xylenes	7.63	0.0250	7.50		102	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS Dup (2444128-BSD1) Prepared: 10/31/24 Analyzed: 11/04/24

Benzene	2.18	0.0250	2.50		87.1	70-130	0.138	23	
Ethylbenzene	2.45	0.0250	2.50		98.1	70-130	0.00	27	
Toluene	2.38	0.0250	2.50		95.0	70-130	0.189	24	
o-Xylene	2.59	0.0250	2.50		104	70-130	2.50	27	
p,m-Xylene	5.15	0.0500	5.00		103	70-130	0.887	27	
Total Xylenes	7.74	0.0250	7.50		103	70-130	1.42	27	
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	0.520		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

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 (2444127-BLK1) Prepared: 10/31/24 Analyzed: 11/04/24

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	7.39		8.00		92.4	70-130			

LCS (2444127-BS1) Prepared: 10/31/24 Analyzed: 11/04/24

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	5.07	0.0250	5.00		101	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		95.9	70-130			

LCS Dup (2444127-BS1) Prepared: 10/31/24 Analyzed: 11/04/24

Benzene	4.53	0.0250	5.00		90.5	70-130	10.3	20	
Ethylbenzene	4.53	0.0250	5.00		90.5	70-130	10.2	20	
Toluene	4.57	0.0250	5.00		91.4	70-130	10.3	20	
o-Xylene	4.52	0.0250	5.00		90.5	70-130	10.6	20	
p,m-Xylene	9.23	0.0500	10.0		92.3	70-130	10.2	20	
Total Xylenes	13.8	0.0250	15.0		91.7	70-130	10.3	20	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2444143-BLK1)

Prepared: 11/01/24 Analyzed: 11/01/24

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	7.05		8.00		88.1	70-130			

LCS (2444143-BS1)

Prepared: 11/01/24 Analyzed: 11/01/24

Benzene	5.25	0.0250	5.00		105	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.22	0.0250	5.00		104	70-130			
o-Xylene	5.12	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.0	70-130			

LCS Dup (2444143-BSD1)

Prepared: 11/01/24 Analyzed: 11/01/24

Benzene	5.26	0.0250	5.00		105	70-130	0.147	20	
Ethylbenzene	5.15	0.0250	5.00		103	70-130	0.410	20	
Toluene	5.24	0.0250	5.00		105	70-130	0.281	20	
o-Xylene	5.14	0.0250	5.00		103	70-130	0.298	20	
p,m-Xylene	10.5	0.0500	10.0		105	70-130	0.367	20	
Total Xylenes	15.6	0.0250	15.0		104	70-130	0.345	20	
Surrogate: 4-Bromochlorobenzene-PID	7.13		8.00		89.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444127-BLK1) Prepared: 10/31/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

LCS (2444127-BS2) Prepared: 10/31/24 Analyzed: 11/06/24

Gasoline Range Organics (C6-C10)	42.1	20.0	50.0		84.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			

LCS Dup (2444127-BSD2) Prepared: 10/31/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	41.6	20.0	50.0		83.2	70-130	1.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

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 (2444128-BLK1) Prepared: 10/31/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		92.0	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2444128-BS2) Prepared: 10/31/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0		113	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

LCS Dup (2444128-BSD2) Prepared: 10/31/24 Analyzed: 11/04/24

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0		106	70-130	5.82	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2444143-BLK1) Prepared: 11/01/24 Analyzed: 11/01/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.2	70-130			

LCS (2444143-BS2) Prepared: 11/01/24 Analyzed: 11/01/24

Gasoline Range Organics (C6-C10)	42.1	20.0	50.0		84.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

LCS Dup (2444143-BSD2) Prepared: 11/01/24 Analyzed: 11/01/24

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0		83.6	70-130	0.641	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444140-BLK1) Prepared: 10/31/24 Analyzed: 11/03/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	62.4		50.0		125	50-200			

LCS (2444140-BS1) Prepared: 10/31/24 Analyzed: 11/03/24

Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	57.0		50.0		114	50-200			

LCS Dup (2444140-BSD1) Prepared: 10/31/24 Analyzed: 11/03/24

Diesel Range Organics (C10-C28)	254	25.0	250		101	38-132	0.802	20	
Surrogate: n-Nonane	54.3		50.0		109	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444141-BLK1)					Prepared: 10/31/24 Analyzed: 11/05/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.9		50.0		106	50-200			

LCS (2444141-BS1)					Prepared: 10/31/24 Analyzed: 11/05/24				
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	53.2		50.0		106	50-200			

LCS Dup (2444141-BSD1)					Prepared: 10/31/24 Analyzed: 11/05/24				
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132	2.50	20	
Surrogate: n-Nonane	52.8		50.0		106	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2444148-BLK1)					Prepared: 11/01/24 Analyzed: 11/02/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.1		50.0		112	50-200			

LCS (2444148-BS1)					Prepared: 11/01/24 Analyzed: 11/02/24				
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	50.3		50.0		101	50-200			

LCS Dup (2444148-BSD1)					Prepared: 11/01/24 Analyzed: 11/02/24				
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132	3.72	20	
Surrogate: n-Nonane	53.2		50.0		106	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported: 11/7/2024 8:24:54AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2444063-BLK1)					Prepared: 10/30/24 Analyzed: 10/30/24				
Chloride	ND	20.0							
LCS (2444063-BS1)					Prepared: 10/30/24 Analyzed: 10/30/24				
Chloride	257	20.0	250		103	90-110			
LCS Dup (2444063-BSD1)					Prepared: 10/30/24 Analyzed: 10/30/24				
Chloride	257	20.0	250		103	90-110	0.0307	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Cotton Draw Unit 135 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/7/2024 8:24:54AM

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 (2445004-BLK1)					Prepared: 11/04/24 Analyzed: 11/04/24				
Chloride	ND	20.0							
LCS (2445004-BS1)					Prepared: 11/04/24 Analyzed: 11/04/24				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2445004-BSD1)					Prepared: 11/04/24 Analyzed: 11/04/24				
Chloride	250	20.0	250		100	90-110	1.17	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 135 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/07/24 08:24

- 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 7 of 9

Client: Pima Environmental Services Project: <u>Off-on Draw Unit 135 H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM. 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by:				Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>1-255-1</u>				Lab Use Only Lab WO# <u>E410365</u> Job Number <u>0058-0007</u> Analysis and Method				TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
								State NM CO UT AZ TX <u>X</u>									
								DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX				Remarks					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												
2:00	10/28	S		S36-1'	1												
2:11				S36-2'	2												
2:13				S36-3'	3												
2:17				S36-4'	4												
2:21				S37-1'	5												
2:30				S37-2'	6												
2:33				S37-3'	7												
2:38				S37-4'	8												
2:41				S38-1'	9												
2:56				S38-2'	10												
Additional Instructions: <u>B# 21126428</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.																	
Relinquished by: (Signature) <u>Kerime Adame</u> Date <u>10-29-24</u> Time <u>2:00</u>																	
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1630</u>																	
Relinquished by: (Signature) <u>Noe Sati</u> Date <u>10-29-24</u> Time <u>2245</u>																	
Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1400</u>																	
Received by: (Signature) <u>Noe Sati</u> Date <u>10-29-24</u> Time <u>1630</u>																	
Received by: (Signature) <u>Noe Sati</u> Date <u>10-30-24</u> Time <u>0800</u>																	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																	
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 8 of 9

Client: Pima Environmental Services Project: Cotton Draw Unit B54 Project Manager: Gio Gomez Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 Email: gio@pimaoil.com Report due by:					Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>1-255-1</u>					Lab Use Only Lab WO# <u>E 410365</u> Job Number <u>01058-0003</u> Analysis and Method					TAT 1D 2D 3D Standard				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX										
										DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
3:11	10/28	S		S38-3'	11															
3:17				S38-4'	12															
3:25				S39-1'	13															
3:30				S39-2'	14															
3:44				S39-3'	15															
3:46				S39-4'	16															
3:50				S40-1'	17															
3:54				S40-2'	18															
3:59				S40-3'	19															
4:06				S40-4'	20															
Additional Instructions: <u>B#21126428</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.																				
Relinquished by: (Signature) <u>Kenneth Howe</u> Date <u>10/29/24</u> Time <u>2:00</u>																				
Received by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1400</u>																				
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>10-29-24</u> Time <u>1630</u>																				
Received by: (Signature) <u>[Signature]</u> Date <u>10-29-24</u> Time <u>1630</u>																				
Relinquished by: (Signature) <u>[Signature]</u> Date <u>10-29-24</u> Time <u>2245</u>																				
Received by: (Signature) <u>Nee Soto</u> Date <u>10-30-24</u> Time <u>0800</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.																				

Project Information

Chain of Custody

[illegible]

Envirotech Analytical Laboratory

Printed: 10/30/2024 10:08:12AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	10/30/24 08:00	Work Order ID:	E410365
Phone:	(575) 631-6977	Date Logged In:	10/29/24 17:17	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	11/05/24 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? No
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers and sampled by name is missing on COC by client. Project Cotton Draw Unit 135H has been separated into multiple WOs due to high sample volume. WOs are E410362-E410365.

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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 409133

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409133
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1604335172
Incident Name	NAB1604335172 COTTON DRAW UNIT #135H @ 30-015-38533
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-38533] COTTON DRAW UNIT #135H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	COTTON DRAW UNIT #135H
Date Release Discovered	01/12/2016
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 Pump Crude Oil Released: 180 BBL Recovered: 175 BBL Lost: 5 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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 409133

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409133
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. 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: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 12/05/2024
----------------------------------------------------	-----------------------------------------------------------------------------------------------

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 409133

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409133
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 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	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil 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)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	13526
GRO+DRO (EPA SW-846 Method 8015M)	9870
BTEX (EPA SW-846 Method 8021B or 8260B)	10
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	12/27/2024
On what date will (or did) the final sampling or liner inspection occur	10/25/2024
On what date will (or was) the remediation complete(d)	01/27/2025
What is the estimated surface area (in square feet) that will be reclaimed	1800
What is the estimated volume (in cubic yards) that will be reclaimed	100
What is the estimated surface area (in square feet) that will be remediated	1800
What is the estimated volume (in cubic yards) that will be remediated	100

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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 409133

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409133
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 12/05/2024
<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>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 409133

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409133
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 409133

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409133
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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

General Information
Phone: (505) 629-6116

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

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

CONDITIONS

Action 409133

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409133
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation work plan approved.	12/6/2024
amaxwell	Submit a report via the OCD permitting portal by March 5, 2025.	12/6/2024